DEGSON-Global Industrial Connector Manufacturer, Providing Customized Solution To All Partners.















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The catalog is for reference purpose only and details are base on company's specifications





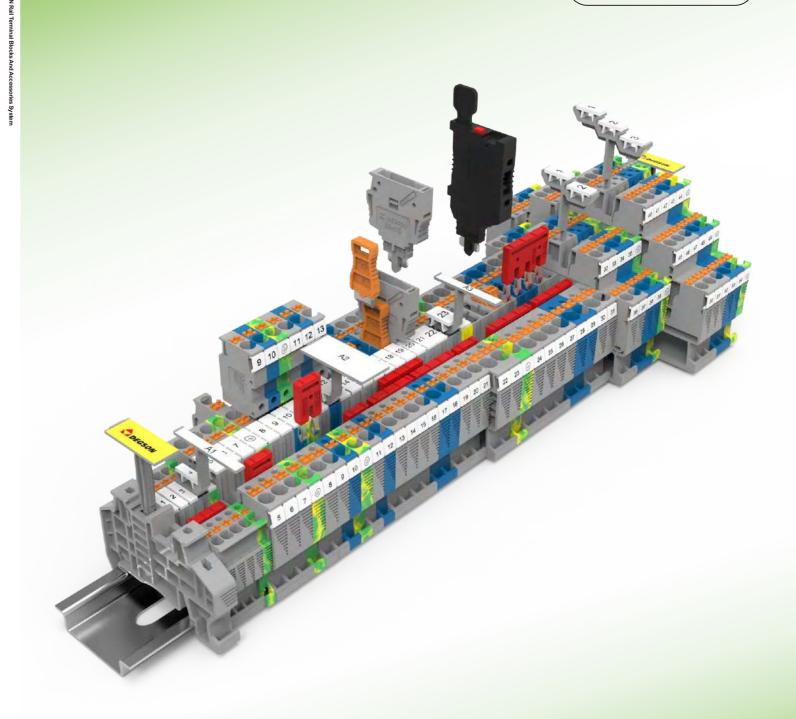


LINKEDIN



DIN Rail Terminal Blocks And Accessories System

2022-2023







BRIEF INTRODUCTION

Founded in 1990, DEGSON is a global solution provider of electrical, electronic and industrial connectors. As a National High-tech enterprise, DEGSON owns the UL and VDE certified laboratory. The company achieved ISO9001, ISO14001, ISO80079-34,ISO/TS22163 and IATF16949 management system certifications.

DEGSON products are widely recognized in China, the USA, Germany, the UK, Italy, Spain, Turkey, Japan, South Korea, Singapore, etc. totally hundred countries and regions.DEGSON supply high quality products and provide professional services globally in the industry sectors likely industrial automation, instrument, electric power, railway, marine and offshore, new energy, elevator, lighting, security, machinery, etc. The company won the recognition from partners among Fortune 500 and industry leading enterprises.

DEGSON is engaged in supplying highly reliable and durable products to serve global customers. The company has a market-leading capability of mould processing, automatic manufacturing and advanced testing. DEGSON has the complete engineering ability to support global customers with the professional customization solution and value-added service.

Based on the business philosophy of "pragmatic innovation, responsibility, integrity, harmonious development, regulation and win-win", DEGSON continuously integrates professional technical resources, R&D innovation, product manufacturing and technology application capabilities. Relying on global sales network, DEGSON aims to supply series of multiple varieties of high-quality products and services. We provide global customers with professional and quick connected application solutions, help customers continue to create value. DEGSON is making contributions to creating a smart and interconnected world.



First Lab. authorized by UL&VDE in Asia

Strategic cooperation with UL and VDE











- ① The general manager of UL global energy &technology division visit our company
- ② Sven Ohrke, President of VDE global services, comes to DEGSON to discuss strategic cooperation
- ③ VDE Laboratory Accreditation: In July 2010, VDE Issued the "VDE Authorized Laboratory" Certificate to DEGSON' s laboratory.
 - UL laboratory accreditation: UL formally issued "UL WTDP" certification to DEGSON in March 2013. On April, 2016, UL-CTDP.

On January, 2017, Pass IRIS system audit.

On December, 2016, VDE-TDAP.

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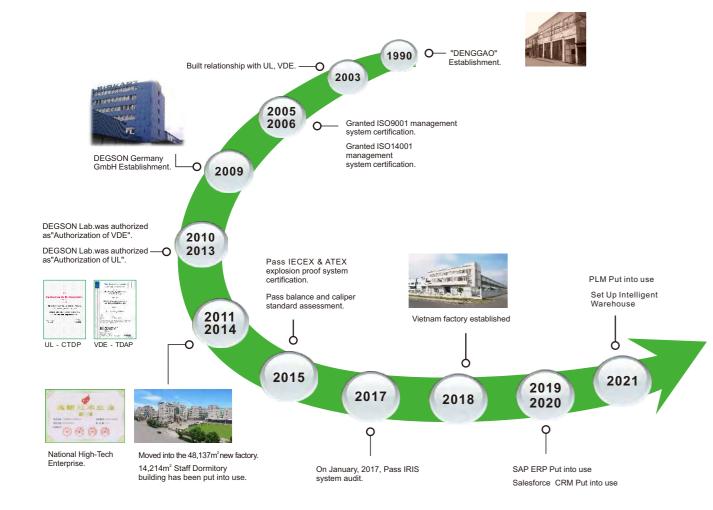








Company History



Sales Network

Products have been exported to more than 100 countries and areas in the global.



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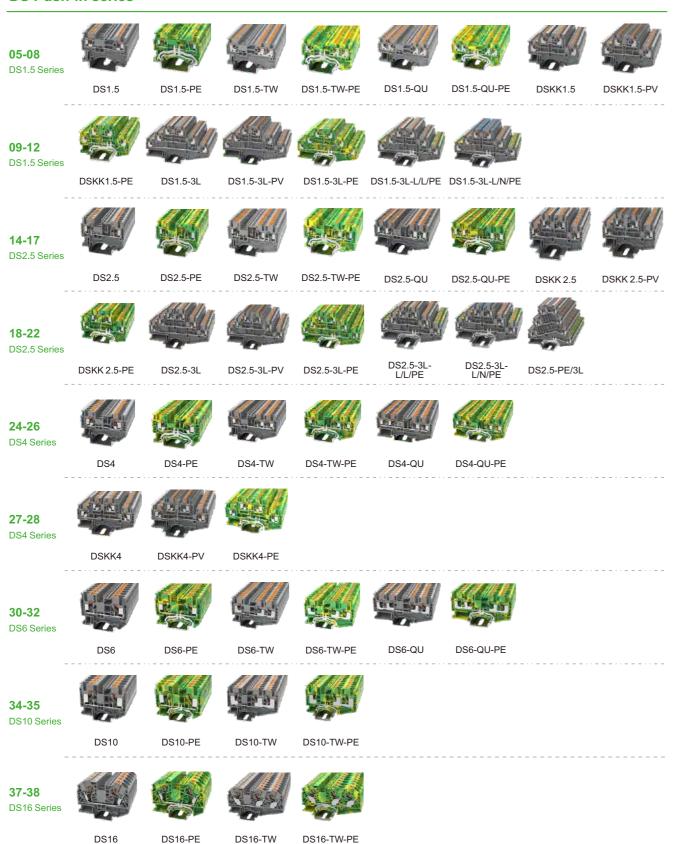
Testing standard of DIN Rail terminal blocks

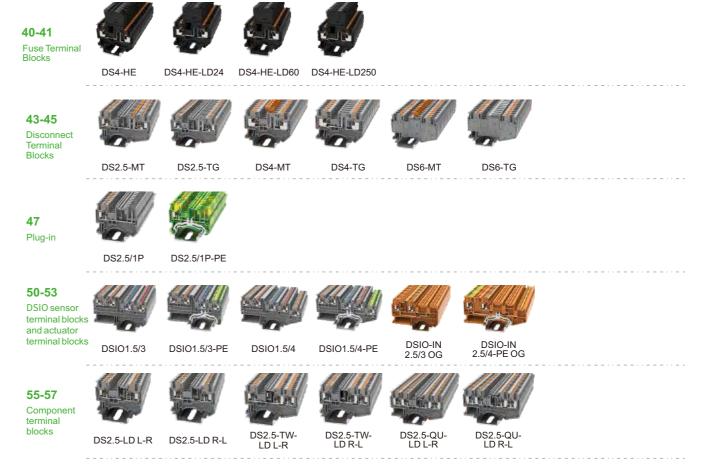




Product Index

DS Push-in series





WS Spring-cage series



WS2.5-DB WS2.5-DB-11A(H) WS2.5-DIN15 WS2.5-DIN35 WS2.5-MID-CO WS2.5-END-CO WS2.5T-DB WS2.5T-DB-11A(H)















WS2.5T-DIN15 WS2.5T-DIN35 WS2.5T-MID-CO WS2.5T-END-CO

80-84 WS4 Series









WS4-TW-PE





WS4-QU-PE

86-87 WS6 Series









WS6-TW

WS10 Series











WS10-PE

WS10-TW WS10-TW-PE



WS16

WS16-PE

WS16-TW WS16-TW-PE

WS35 Series

92-93

WS16 Series















WS2.5-TW-TA



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WSF4-TA WSF4-TA-08A(H) WSF4-TA-10A(H)





WS2.5-QU-LD-L-R WS2.5-QU-LD-R-L

DC Steel screw series







DC2.5-QU-PE DCKKB2.5





DC2.5-PE

DC2.5-TW DC2.5-TW-PE







DC2.5 Series

111-113









DCKKB2.5-PV DCKKB2.5-PE



117-120 DC4 Series

121-122

DC2.5-QU







DCKKB4 DCKKB4-PV DCKKB4-PE



DC6

DC10















DC10-TW-PE DCKKB10 DCKKB10-PV



128-132 DC10 Series





DC10-PE





DC10-TW

137-139 WS50 Series



DC50















DC4-HE-LD24 DC4-HE-LD250

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Blocks









PC Brass screw series





PC1.5 Series PC1.5 153-157 PC2.5 Series PC2.5 PC2.5-PE PC2.5-TW PC2.5-TW-PE PCDK2.5 PCDK2.5-PE PCKK2.5 PCKK2.5-PV 159-162 PC4 Series PC4 PC4-PE PC4-TW PC4-TW-PE PCDK4 PCDK4-PE PCKK4 164-166 PC6 Series PC10 Series PC6-PE PC10 PC10-PE 168-172 PC16 Series PC35 Series PC16 PC16-PE PC35 PC35-PE 174-177

PC95 Series





PC50-PE

179-180 Micro And Miniature Terminal Blocks



PCMB2.5

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PC4-HE

PC10-DR

185-186 Disconnect Terminal Blocks

188 **Test Disconnect** Terminal Block



PCTK6

PCMT2.5

PCMT4

PCTK6-BEN

BS Bolt connection series









BS8

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Accessories & marking system

196 Marking system

PCKK4-PE





ZS Series

The Vario plotter

ZC Series

ZW Series





ZSF Series





ZT Series



DEGSON

Terminal block

markers

198-207

markers

Terminal block

208-213









ZB Series



ZK Series



WB Series



Warning Marker

DEK Series

215







Mark Sleeves Thermal Casing

217-218 Device markers











Self-adhesive device marking, high temperature



220-224 Accessories



short type



short type



End Stopper



Neutral Bus Bar



Bar Bracket





Terminal Block

Wire Slot

Customized products series

228 **Drawer Terminal**





DS2.5PH-16P DS2.5PH-24P

















WS1.5-SD

WS2.5-SD WS2.5-SD-PE

232-233 WS6 Series WS10 Series









234 WS16 Series







WS16-SD-PE

235 Plug-in





WS2.5P-PE



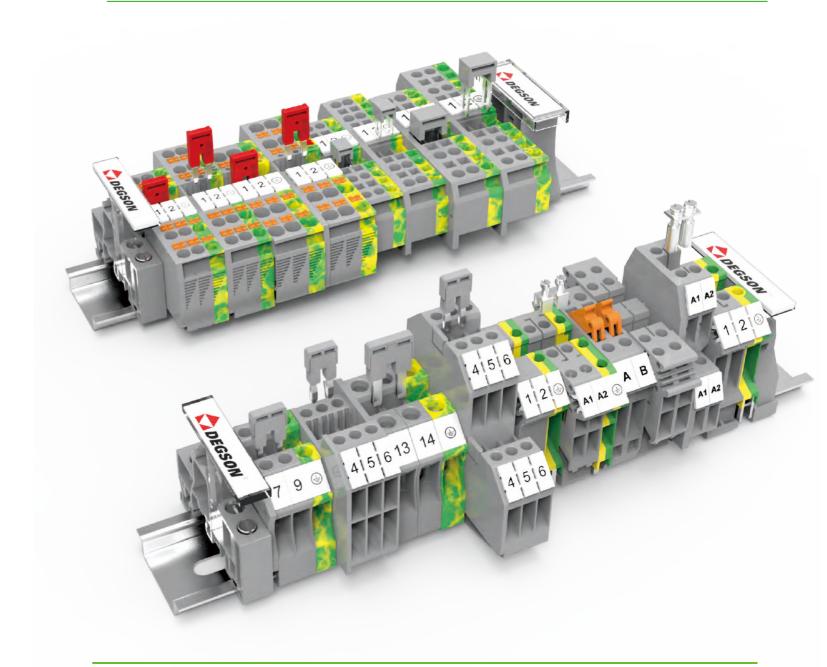


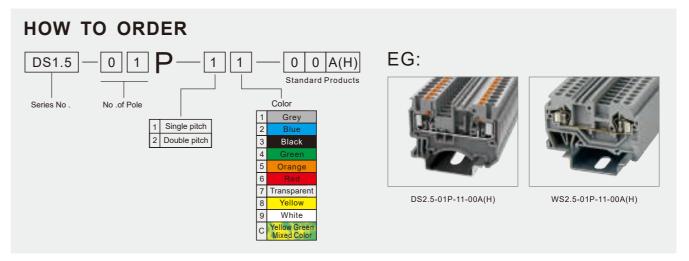


PC10-105A(H) PC16-105A(H) PC35-105A(H)







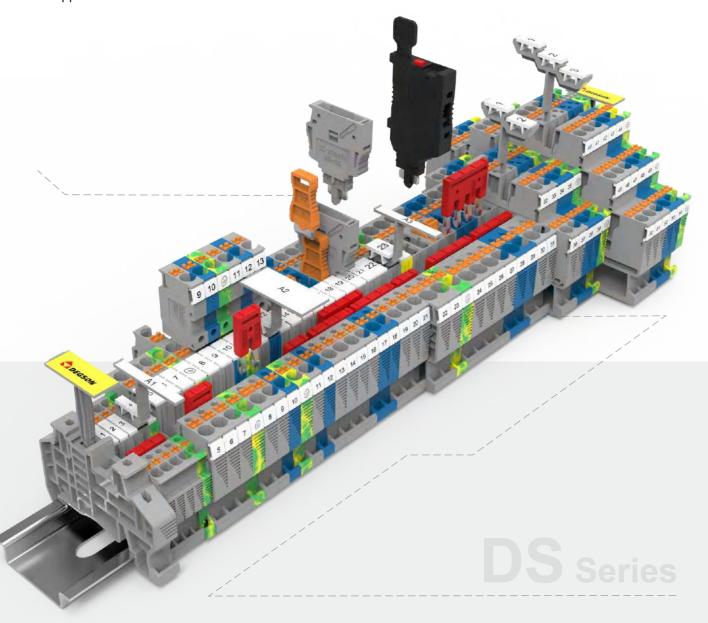


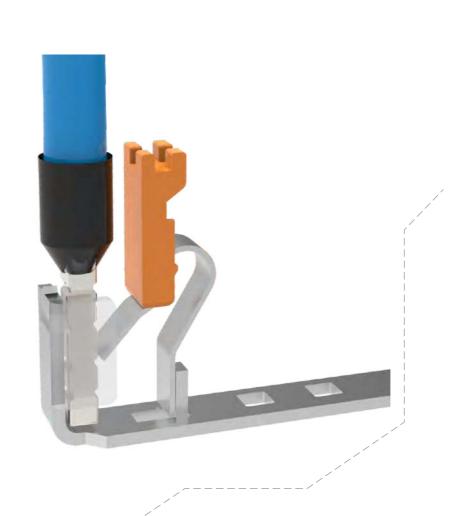
DS-Push-in Connection Terminal Blocks

Feature

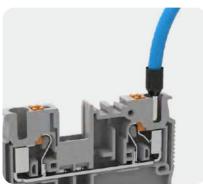
DEGSON

- Adopt Push-in connection technology, no tools for wiring, high efficiency and quick connection
- Double channel bridge position, easy to realize potential distribution
- Standardized test hole, convenient and fast circuit test
- Pluggable bridges and rich accessory systems perfectly solve the application needs of the user end











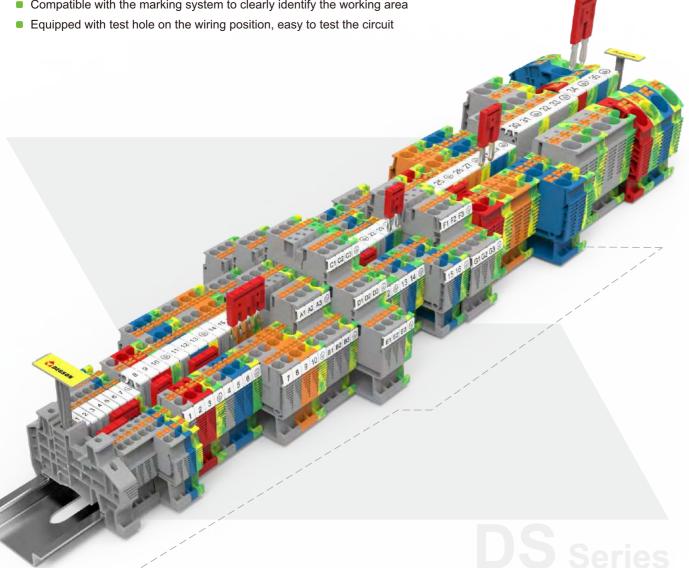
DS Push-in connection terminal blocks, its stainless steel spring ensures excellent resilience and anti-seismic performance. Even if repeated operation, it can still ensure connection reliability. High-precision copper alloy conductors provide the lowest temperature rise, ensuring reliable and safe connections. PA66 plastic parts can meet the working environment of -40°C to 105°C. The convenient and fast Push-in connection technology can allow the rigid wire and the multi strand flexible wire with cold pressing terminal to be directly inserted without tools, thus minimizing the labor time and labor cost. At the same time, rich functional product solutions can easily realize short-circuit / overload protection, short-circuit test, plug-in and other application requirements.

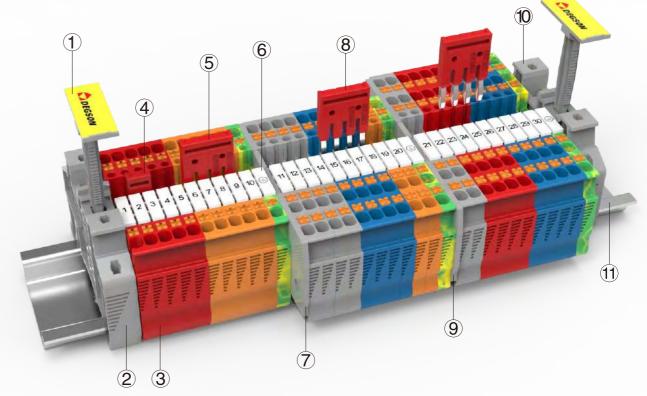
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DEGSON

DS Feed-through Terminal Blocks

- DS Feed-through DIN Rail terminal blocks can reach tool free wiring with the Push-in connection technology; Easy to remove the cable by push the orange button
- Multi-deck terminal block, space saving, three-deck with ground protective terminal block, suitable for motor connection
- Double-channel bridging design and 2-20 poles bridges reach the flexible distribution of potentials
- Compatible with the marking system to clearly identify the working area





| Description | Part No. | Remark |
|---------------------|--------------------------|--|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 Terminal blocks | DS1.5-01P-11-00A(H) | Push-in type 1.5mm ² DIN Rail terminal blocks |
| Pluggable bridges | DFB2-3.5-16-00A(H) | 02P bridge, use for DS1.5 series |
| ⑤ Pluggable bridges | DFB4-3.5-16-00A(H) | 04P bridge, use for DS1.5 series |
| 6 Marker | ZB3.5-10P-19-00A(H) | Marker is used for the top of DS1.5 series |
| ⑦ End cover | D-DS1.5-TW-01P-11-00A(H) | End cover is used for DS1.5-TW&DS1.5-TW-PE |
| Pluggable bridges | DFB4-3.5-16-00A(H) | 04P bridge, use for DS1.5 series |
| 9 End cover | D-DS1.5-QU-01P-11-00A(H) | End cover is used for DS1.5-QU&DS1.5-QU-PE |
| 10 End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ① DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|--------------------------|--------------------------|
| _ | O Connection point for wiring | Fuse connection | o ✓ → Disconnecting |
| | Connection point for bridging | - Resistance connection | Circuit connection point |
| · - | LED light connection | Grounding connection | Diode connection |

3-

DS Series



Push-in connection technology

Feed-through, multi-conductor and ground terminal blocks



DS1.5





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| Order NO. | 1104000010 | 1104000018 | |
|--|---|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 3.5/45/32.1(39.6) | 3.5/45/32.1(39.6) | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | |
| Rated voltage V | 500 300 | 1 1 | |
| Rated current A | 17.5 15 | 1 1 | |
| Rated cross section mm ² /AWG | 0.14-1.5 26-14 | 0.14-1.5 26-14 | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | |
| 1 conductor mm ² | 0.14-1.5 0.14-1.5 0.15-1.5 0.14-0.5 | 0.14-1.5 0.14-1.5 0.15-1.5 0.14-0.5 | |
| 2 flexible conductors with a TWIN ferrule mm ² | | | |
| General Information | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | |
| Operation temperatures °C (°F) | -40(-40)~105(221) | -40(-40)~105(221) | |
| Stripping length mm | 8-9 | 8-9 | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) Yellow green mixed color | | |
| Accessories | | | |
| Ferrule | I | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | 0.4x2.5 | 0.4x2.5 | |
| Bridge (2-10P, 20P) | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | 1 | |
| End cover | D-DS1.5 | D-DS1.5 | |
| Partition plate | 1 | / | |
| Top marker | ZB3.5 / ZS3.5 | ZB3.5 / ZS3.5 | |
| Side marker | ZSF3.5 | ZSF3.5 | |
| Marker support | DTH3.5-25x3.5 / DTH3.5-25x12 | DTH3.5-25x3.5 / DTH3.5-25x12 | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | |



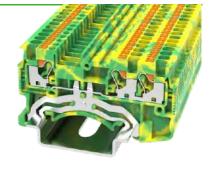


Push-in connection technology

Feed-through, multi-conductor and ground terminal blocks



DS1.5-TW







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| Order NO. | | 1104000077 | | 1104000097 | |
|---|-------------------------|---|--|----------------------------|---|
| Width/Length/Height(NS35/7.5&N | NS35/15) mm | 3.5/54/32.1(39.6) | | 3.5/54/32.1(39.6) | |
| Electrical Data | | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-2 | UL UL1059 |
| Rated voltage | V | 500 | 300 | 1 | 1 |
| Rated current | А | 17.5 | 15 | 1 | 1 |
| Rated cross section | mm²/AWG | 0.14-1.5 | 26-14 | 0.14-1.5 | 26-14 |
| Connection capacity | | Solid Stranded F | errule (with and without plastic sleeve) | Solid Stranded | Ferrule (with and without plastic sleeve) |
| 1 conductor | mm² | 0.14-1.5 0.14-1.5 | 0.14-1.5 0.14-0.5 | 0.14-1.5 0.14-1.5 | 0.14-1.5 0.14-0.5 |
| 2 flexible conductors with a TWIN | ferrule mm ² | | | | |
| General Information | | | | | |
| Insulation material/Flammability (according to UL 94) | / rating | P | A/V0 | | PA/V0 |
| Operation temperatures | °C (°F) | -40(-40) | ~105(221) | -40(-4 | 10)~105(221) |
| Stripping length | mm | 8 | -10 | 8-10 | |
| Color | | | Red, Blue or other color requirements) |) Yellow green mixed color | |
| Accessories | | | | | |
| Ferrule | | | 1 | | 1 |
| Slotted screwdriver size (Blade thickness x Width) | mm | 0.4 | 4x2.5 | | 0.4x2.5 |
| Bridge (2-10P, 20P) | | DFB2-3.5 DFB3-3.5 DFB DFB7-3.5 DFB8-3.5 DFB | 4-3.5 DFB5-3.5 DFB6-3.5 9-3.5 DFB10-3.5 DFB20-3.5 | | 1 |
| End cover | La c | D-I | DS1.5-TW | | D-DS1.5-TW |
| Partition plate | | | 1 | | I |
| Top marker | | ZB3 | .5 / Z\$3.5 | Z | B3.5 / ZS3.5 |
| Side marker | | | ZSF3.5 | | ZSF3.5 |
| Marker support | して プロ | DTH3.5-25x3.5 | / DTH3.5-25x12 | DTH3.5-25x | 3.5 / DTH3.5-25x12 |
| Terminal strip marker support | | DLM2 / KLM3-2 | 20x8 / KLM3-44x8 | DLM2 / KLM | 3-20x8 / KLM3-44x8 |
| End clamp | ill dell | E-PC 110 | 0A / E-WS N | E-PC 1 | 100A / E-WS N |
| | | | | | |



technology

DS Series



DS1.5-QU



Feed-through, multi-conductor and ground terminal blocks

Push-in connection

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DS1.5-QU-PE

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|--|---|--|--|
| Order NO. | 1104000075 | 1104000076 | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 3.5/63.2/32.1(39.6) | 3.5/63.2/32.1(39.6) | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | |
| Rated voltage V | 500 300 | 1 | |
| Rated current A | 17.5 15 | 1 | |
| Rated cross section mm ² /AWG | 0.14-1.5 26-14 | 0.14-1.5 26-14 | |
| Connection capacity | Solid Stranded Femule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | |
| 1 conductor mm ² | 0.14-1.5 0.14-1.5 0.14-1.5 0.14-0.5 | 0.14-1.5 | |
| 2 flexible conductors with a TWIN ferrule mm ² | | | |
| General Information | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | |
| Operation temperatures °C (°F) | -40(-40)~105(221) | -40(-40)~105(221) | |
| Stripping length mm | 8-10 | 8-10 | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | |
| Accessories | | | |
| Ferrule | 1 | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | 0.4x2.5 | 0.4x2.5 | |
| Bridge (2-10P, 20P) | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | I | |
| End cover | D-DS1.5-QU | D-DS1.5-QU | |
| Partition plate | 1 | 1 | |
| Top marker | ZB3.5 / ZS3.5 | ZB3.5 / ZS3.5 | |
| Side marker | ZSF3.5 | ZSF3.5 | |
| Marker support | DTH3.5-25x3.5 / DTH3.5-25x12 | DTH3.5-25x3.5 / DTH3.5-25x12 | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | |





Push-in connection technology

Feed-through, multi-conductor and ground terminal blocks





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DSKK1.5



DSKK1.5-PV

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| | |

| Order NO. | 11040000196 | 11040000197 | |
|--|---|---|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 3.5/68.2/44.1(51.6) | 3.5/68.2/44.1(51.6) | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 UL1059 | |
| Rated voltage V | 500 300 | 500 300 | |
| Rated current A | 16 15 | 16 15 | |
| Rated cross section mm ² /AWG | 0.14-1.5 26-16 | 0.14-1.5 26-16 | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | |
| 1 conductor mm ² | 0.14-1.5 0.14-1.5 0.15-1.5 0.14-0.5 | 0.14-1.5 | |
| 2 flexible conductors with a TWIN ferrule mm ² | | | |
| General Information | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | |
| Stripping length mm | 8-10 | 8-10 | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) (please contact sales for other color | | |
| Accessories | | | |
| Ferrule | 1 | I | |
| Slotted screwdriver size (Blade thickness x Width) | 0.4x2.5 | 0.4x2.5 | |
| Bridge (2-10P, 20P) | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | |
| End cover | D-DSKK1.5 | D-DSKK1.5 | |
| Partition plate | ı | 1 | |
| Top marker | 1 | 1 | |
| Side marker | I | 1 | |
| Marker support | 1 | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | |

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Feed-through, multi-conductor and ground terminal blocks





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| Order NO. | | 11040000195 | | | | |
|--|----|-------------|-----------------|---|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) | nm | | 3.5/68. | 2/44.1(51.6) | | |
| Electrical Data | | | IEC 0947-7-2 | UL UL1059 | | |
| Rated voltage | V | | / | 1 | | |
| Rated current | A | | 1 | 1 | | |
| Rated cross section mm ² /AW | 'G | 0. | 14-1.5 | 26-16 | | |
| Connection capacity | | Solid | Stranded | Ferrule (with and without plastic sleeve) | | |
| 1 conductor m | m² | 0.14-1.5 | 0.14-1.5 | 0.15-1.5 0.14-0.5 | | |
| 2 flexible conductors with a TWIN ferrule m | m² | _ | _ | | | |
| General Information | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | | PA/V0 | | |
| Operation temperatures °C (° | F) | | -40(-4 | 40)~105(221) | | |
| Stripping length | nm | | | 8-10 | | |
| Color | | | Yellow g | green mixed color | | |
| Accessories | | | | | | |
| Ferrule | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | nm | | | 0.4x2.5 | | |
| Bridge (2-10P, 20P) | | | | DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | | |
| End cover | | | D- | -DSKK1.5 | | |
| Partition plate | | | | 1 | | |
| Top marker | | | | 1 | | |
| Side marker | | | | 1 | | |
| Marker support | | | | 1 | | |
| Terminal strip marker support | | | DLM2 / KLN | //3-20x8 / KLM3-44x8 | | |
| End clamp | | | E-PC | 1100A / E-WS N | | |



Push-in connection technology

Feed-through, multi-conductor and ground terminal blocks





DS1.5-3L



DS1.5-3L-PV

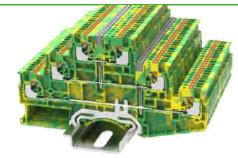
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C€ EHE ROHS REACH

| Order NO. | 11040000208 | 11040000210 | | | |
|--|---|---|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 3.5/102/56.1(63.6) | 3.5/102/56.1(63.6) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 UL1059 | | | |
| Rated voltage V | 500 300 | 500 300 | | | |
| Rated current A | 15 15 | 15 15 | | | |
| Rated cross section mm ² /AWG | 0.14-1.5 26-16 | 0.14-1.5 26-16 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.14-1.5 0.14-1.5 0.15-1.5 0.14-0.5 | 0.14-1.5 0.14-1.5 0.15-1.5 0.14-0.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | | | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 8-10 | 8-10 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | | |
| Accessories | | | | | |
| Ferrule | 1 | / | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.4x2.5 | 0.4x2.5 | | | |
| Bridge (2-10P, 20P) | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | | | |
| End cover | D-DS1.5-3L | D-DS1.5-3L | | | |
| Partition plate | I | 1 | | | |
| Top marker | 1 | 1 | | | |
| Side marker | 1 | 1 | | | |
| Marker support | 1 | 1 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |

-9-

Feed-through, multi-conductor and ground terminal blocks





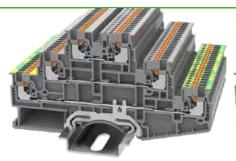
C€ EHE ROHS REACH

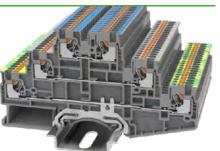
| Order NO. | 11040000209 | | | | | | |
|--|-------------|-------------------|-----------------|--------------------------------|-------------------|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mn | n | | 3.5/102 | /56.1(63.6) | | | |
| Electrical Data | | | IEC 0947-7-2 | | UL _1059 | | |
| Rated voltage V | | | 1 | | 1 | | |
| Rated current A | | | 1 | | 1 | | |
| Rated cross section mm ² /AWG | | 0.1 | 4-1.5 | 26 | 5-16 | | |
| Connection capacity | | Solid | Stranded Fe | rrule (with and withou | t plastic sleeve) | | |
| 1 conductor mm | 2 | 0.14-1.5 | 0.14-1.5 | 0.15-1.5 | 0.14-0.5 | | |
| 2 flexible conductors with a TWIN ferrule mm | 2 | - | - | - | - | | |
| General Information | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | Р | A/V0 | | | |
| Operation temperatures °C (°F |) | -40(-40)~105(221) | | | | | |
| Stripping length mn | n | 8-10 | | | | | |
| Color | | | Yellow gre | en mixed colo | r | | |
| Accessories | | | | | | | |
| Ferrule | | | | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | n | | 0. | 4x2.5 | | | |
| Bridge (2-10P, 20P) | | | | 34-3.5 DFB5-3 39-3.5 DFB10- | | | |
| End cover | | | D-D | S1.5-3L | | | |
| Partition plate | | | | 1 | | | |
| Top marker | | 1 | | | | | |
| Side marker | | | | 1 | | | |
| Marker support | | | | 1 | | | |
| Terminal strip marker support | | DI | LM2 / KLM3-2 | 20x8 / KLM3- | 44x8 | | |
| End clamp | | | E-PC 110 | 0A / E-WS N | | | |





Feed-through, multi-conductor and ground terminal blocks









DS1.5-3L-L/N/PE

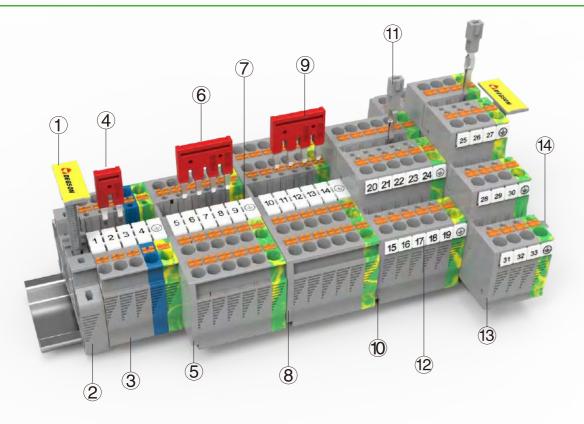
| - | FRE | D-IIO | DELBU | |
|---|-----|-------|-------|--|
| _ | FHI | KUH | REACH | |
| | | | | |

| C€ HIL ROHS REACH |
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| Order NO. | | 11040000220 | | | | 11040000221 | | | |
|--|-------------------------|---|-------------------------|---------------------------|---|--|--------------|----------------------------------|--|
| Width/Length/Height(NS35/7.5&NS35/15) | m | 3.5/102/5 | 56.1(63.6) | | 3.5/102/56.1(63.6) | | | | |
| Electrical Data | IEC | IEC 60947-7-1 | UL UL1059 | | IEC IEC60947-7-1 | | UL UL1059 | | |
| Rated voltage | / | 500 | | 00 | | 500 | | 300 | |
| Rated current | A . | 15 | | 15 | | 15 | 15 | | |
| Rated cross section mm ² /AW0 | 9 0 | .14-1.5 | 26 | -16 | 0.1 | 4-1.5 | 2 | 6-16 | |
| Connection capacity | Solid | Stranded Fe | errule (with and withou | out plastic sleeve) Solid | | Solid Stranded Ferrule (v | | with and without plastic sleeve) | |
| 1 conductor mr | n ² 0.14-1.5 | 0.14-1.5 | 0.15-1.5 | 0.14-0.5 | 0.14-1.5 | 0.14-1.5 | 0.15-1.5 | 0.14-0.5 | |
| 2 flexible conductors with a TWIN ferrule mr | n² – | _ | - | _ | _ | _ | _ | _ | |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA | A/V0 | | PA/V0 | | | | |
| Operation temperatures °C (°F |) | -40(-40)~105(221) | | | -40(-40)~105(221) | | | | |
| Stripping length m | m | 8- | -10 | | 8-10 | | | | |
| Color | (please | Grey, Red, Blue (please contact sales for other color requirements) | | | | Grey, Red, Blue (please contact sales for other color requirements) | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | 1 | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | m | 0.4x2.5 | | | 0.4x2.5 | | | | |
| Bridge (2-10P, 20P) | | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | | | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | | | | |
| End cover | | D-DS1.5-3L | | | D-DS1.5-3L | | | | |
| Partition plate | | 1 | | | 1 | | | | |
| Top marker | | | 1 | | 1 | | | | |
| | | I | | | 1 | | | | |
| Side marker | | | | | I | | | | |
| Side marker Marker support | | | 1 | | | | 1 | | |
| | - | | | 4x8 | DI | LM2 / KLM3-2 | | 44x8 | |







| Description | Part No. | Remark |
|---------------------|--------------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 Terminal blocks | DS2.5-01P-11-00A(H) | Push-in type 2.5mm ² DIN Rail terminal blocks |
| Pluggable bridges | DFB2-5.2-16-00A(H) | 02P bridge, use for DS2.5 series |
| ⑤ End cover | D-DS2.5-TW-01P-11-00A(H) | End cover is used for DS2.5-TW&DS2.5-TW-PE |
| 6 Pluggable bridges | DFB4-5.2-16-00A(H) | 04P bridge, use for DS2.5 series |
| ⑦ Marker | ZB5-10P-19-00A(H) | Marker is used for the top of DS2.5 series |
| 8 End cover | D-DS2.5-QU-01P-11-00A(H) | End cover is used for DS2.5-QU&DS2.5-QU-PE |
| Pluggable bridges | DFB4-5.2-16-00A(H) | 04P bridge, use for DS2.5 series |
| 10 End cover | D-DSKK2.5-01P-11-00A(H) | End cover is used for DSKK2.5&DSKK2.5-PE |
| ① Potential bridge | DPV2.5-01P-11-00A(H) | Vertical potential bridge, to connect the upper and lower level |
| [®] Marker | ZK5-24P-19-00A(H) | Marker is used for the side of DS2.5 series |
| ③ End cover | D-DS2.5-3L-01P-11-00A(H) | End cover is used for DS2.5-3L/DS2.5-3L-PE |
| ① DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

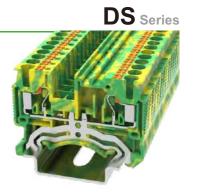
| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| _ | O Connection point for wiring | Fuse connection | o → Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| · - | LED light connection | Grounding connection | Diode connection |





Feed-through, multi-conductor, multi-level, and ground terminal blocks





DS2.5-PE

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DS2.5

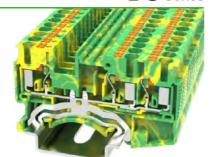
SAN' ... CE FAT ROHS REACH

| Order NO. | | | e \$A\$ °us C€ EHE ROHS REAGH | | | | US CC | ERE ROHS RE | AUII | |
|--|------------------|--------------|--|--------------------------------|-----------------------|---------------------|------------------------------|-------------------|-----------------------|------------------|
| Order NO. | | | 11040000019 | | | 11040000031 | | | | |
| Width/Length/Height(NS35/ | /7.5&NS35/1 | 5) mm | | 5.2/48.6/36 | 6.75(44.25) | | 5.2/48.6/36.75(44.25) | | | |
| Electrical Data | | | | IEC 0947-7-1 | | UL .1059 | | | | UL L1059 |
| Rated voltage | | V | | 800 | 6 | 500 | | 1 | | / |
| Rated current | | А | | 24 | | 20 | | 1 | | 1 |
| Rated cross section | m | nm²/AWG | 0. | .14-4 | 2 | 6-12 | 0. | 14-4 | | 26-12 |
| Connection capacity | | | Solid | Stranded Fe | rrule (with and witho | ut plastic sleeve) | Solid | Stranded Fe | errule (with and with | out plastic slee |
| 1 conductor | | mm² | 0.14-4 | 0.14-2.5 | 0.14-2.5 | 0.14-2.5 | 0.14-4 | 0.14-2.5 | 0.14-2.5 | 0.14-2. |
| 2 flexible conductors with a | TWIN ferrule | mm² | _ | _ | _ | 0.5 | _ | _ | _ | 0.5 |
| General Information | | | | | | | | | | |
| Insulation material/Flamma (according to UL 94) | ability rating | 9 | PA/V0 | | | PA/V0 | | | | |
| Operation temperatures | | °C (°F) | | -40(-40)~105(221) | | | | -40(-40)~105(221) | | |
| Stripping length | | mm | | 10 | -12 | 10-12 | | | 0-12 | |
| Color | | | Grey, Red, Blue (please contact sales for other color requirements) | | | | Yellow gre | en mixed colo | or | |
| Accessories | | | | | | | | | | |
| Ferrule | | | | | 1 | | | | / | |
| Slotted screwdriver size (Blade thickness x Width) | | mm | | 0.6 | x3.5 | | | 0.0 | 6x3.5 | |
| Bridge (2-10P, 20P) | | | | DFB3-5.2 DFB4 DFB8-5.2 DFB9 | | | | | 1 | |
| End cover | | | | D-D | S2.5 | | | D-I | DS2.5 | |
| Partition plate | | | | | 1 | | | | / | |
| Ton marker | ereraria ereleta | | | ZB5 | / ZS5 | | ZB5 / ZS5 | | | |
| Side marker | | | | ZK5 / | ZSF5 | | ZK5 / ZSF5 | | | |
| Marker support | Ţ | T | | DTH5-25x5 / | DTH5-25x12 | 2 | DTH5-25> | | | 12 |
| Terminal strip marker support | | TT | D | LM2 / KLM3-2 | 0x8 / KLM3- | 44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | | | E-PC 1100A / E-WS N | | | E-PC 1100A / E-WS N | | | | |

-13-

Feed-through, multi-conductor, multi-level, and ground terminal blocks





DS2.5-TW-PE



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DS2.5-TW

| | | c >> ° S C € EHE ROHS REACH | | | ¢ 91 °us C€ EHC ROHS REACH | | | | | |
|--|----------------------------|--|-------------------|---|-----------------------------------|--------------------|------------------------|----------------|----------------------|----------------------|
| Order NO. | | | 1104000035 | | | 11040000040 | | | | |
| Width/Length/Heigl | ht(NS35/7.5&NS35/ | 15) mm | | 5.2/60.5/36 | 3.75(44.25) | | 5.2/60.5/36.75(44.25) | | | |
| Electrical Data | ı | | | IEC 0947-7-1 | | UL 1059 | | EC)947-7-2 | l | UL JL1059 |
| Rated voltage | | V | | 800 | (| 800 | | 1 | | 1 |
| Rated current | | А | | 24 | | 20 | | 1 | | 1 |
| Rated cross section | n ı | mm²/AWG | 0. | 14-4 | 26 | 5-12 | 0. | 14-4 | | 26-12 |
| Connection capaci | ty | | Solid | Stranded Fen | rule (with and withou | ut plastic sleeve) | Solid | Stranded Fe | rrule (with and with | nout plastic sleeve) |
| 1 conductor | | mm² | 0.14-4 | 0.14-2.5 | 0.14-2.5 | 0.14-2.5 | 0.14-4 | 0.14-2.5 | 0.14-2.5 | 0.14-2.5 |
| 2 flexible conductor | rs with a TWIN ferru | e mm² | _ | _ | _ | 0.5 | _ | _ | _ | 0.5 |
| General Informa | tion | | | | | | | | | |
| Insulation material (according to UL 9 | | ıg | PA/V0 | | | PA/V0 | | | | |
| Operation tempera | tures | °C (°F) | -40(-40)~105(221) | | | -40(-40)~105(221) | | | | |
| Stripping length | | mm | | 10-12 | | | 10-12 | | | |
| Color | Color | | | Grey, Red, Blue (please contact sales for other color requirements) | | | | Yellow gree | en mixed col | or |
| Accessories | | | | | | | | | | |
| Ferrule | | | | | / | | | | / | |
| Slotted screwdrive (Blade thickness x | | mm | | 0.6 | x3.5 | | | 0.6 | 6x3.5 | |
| Bridge (2-10P, 20P | ') | | | DFB3-5.2 DFB4 DFB8-5.2 DFB9 | | | | | / | |
| End cover | | | | D-DS2 | 2.5-TW | | | D-DS | 2.5-TW | |
| Partition plate | | | | | 1 | | 1 | | | |
| Top marker | Alexandra Anthony | | | ZB5 | / ZS5 | | ZB5 / ZS5 | | | |
| Side marker | 40004000000 52665777777 | | | ZK5 / | ZSF5 | | ZK5 / ZSF5 | | | |
| Marker support | Ţ | て | | DTH5-25x5 / DTH5-25x12 | | 2 | DTH5-25x5 / DTH5-25x12 | | | 12 |
| Terminal strip marker support | | TT | D | DLM2 / KLM3-2 | 0x8 / KLM3- | 44x8 | DI | LM2 / KLM3-2 | 0x8 / KLM3 | 3-44x8 |
| End clamp | | | | E-PC 1100 | A / E-WSN | | | E-PC 1100 | A / E-WS N | 1 |





Push-in connection technology

Feed-through, multi-conductor, multi-level, and ground terminal blocks





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DS2.5-QU



□ \$\Lambdaus C € ERE ROHS REACH

E-PC 1100A / E-WS N

| | | | c \$1 °us C € EHE ROHS REA | ACH | ¢ 91 °us C€ ERE ROHS REACH | | |
|---|---------------------------------------|----|--|--------------|-----------------------------------|------------|--|
| | Order NO. | | 110400 | 00032 | 11040000034 | | |
| | Width/Length/Height(NS35/7.5&NS35/15) | mm | 5.2/72.2/36 | .75(44.25) | 5.2/72.2/36.75(44.25) | | |
| | Electrical Data | | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-2 | UL UL10 | |
| | Rated voltage | V | 800 | 600 | 1 | 1 | |
| - | | | | | | | |

| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.2/72.2/3 | 86.75(44.25) | 5.2/72.2/36.75(44.25) | | |
|--|---------------------|---|--------------------------|--|--|
| Electrical Data | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-2 | UL UL1059 | |
| Rated voltage V | 800 | 600 | 1 | 1 | |
| Rated current A | 24 | 20 | 1 | 1 | |
| Rated cross section mm ² /AWG | 0.14-4 | 26-12 | 0.14-4 | 26-12 | |
| Connection capacity | Solid Stranded F | errule (with and without plastic sleeve) | Solid Stranded Fe | errule (with and without plastic sleeve) | |
| 1 conductor mm ² | 0.14-4 0.14-2.5 | 0.14-2.5 0.14-2.5 | 0.14-4 0.14-2.5 | 0.14-2.5 0.14-2.5 | |
| 2 flexible conductors with a TWIN ferrule mm ² | | - 0.5 | | - 0.5 | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | P | A/V0 | PA/V0 | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40) | ~105(221) | -40(-40)~105(221) | | |
| Stripping length mm | 10 | 0-12 | 10-12 | | |
| Color | | Red, Blue or other color requirements) | Yellow green mixed color | | |
| Accessories | | | | | |

| Color | | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color |
|---------------------------------------|--|---|------------------------------|
| Accessories | | | |
| Ferrule | | 1 | 1 |
| Slotted screwdrive (Blade thickness x | mm | 0.6x3.5 | 0.6x3.5 |
| Bridge (2-10P, 20P | | DFB2-5.2 DFB3-5.2 DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB7-5.2 DFB8-5.2 DFB9-5.2 DFB10-5.2 DFB20-5.2 | 1 |
| End cover | | D-DS2.5-QU | D-DS2.5-QU |
| Partition plate | | 1 | 1 |
| Top marker | elarateraturitaleste Alesterorateraturi | ZB5 / ZS5 | ZB5 / ZS5 |
| Side marker | 7000000000 5777777777 | ZK5 / ZSF5 | ZK5 / ZSF5 |
| Marker support | 丁丁 | DTH5-25x5 / DTH5-25x12 | DTH5-25x5 / DTH5-25x12 |
| Terminal strip marker support | | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 |
| | AL ILAN | | |

E-PC 1100A / E-WS N

End clamp

technology







Feed-through, multi-conductor, multi-level, and ground terminal blocks

Push-in connection

○ → ○ DSKK 2.5



c¶N°us C € EHE ROHS REACH

| | t Mas CC LIII Holle | CARDIS CC LIIL HOHO HEADH | | FAS US CC LIIL HOHS HEADH | | | |
|--|--|---|---|--|--|--|--|
| Order NO. | 110 | 1104000062 | | 11040000063 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.2/68. | 2/48.75(56.25) | 5.2/68.2/48.75(56.25) | | | | |
| Electrical Data | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-1 | UL UL1059 | | | |
| Rated voltage V | 500 | 300 | 500 | 300 | | | |
| Rated current A | 22 | 20 | 22 | 20 | | | |
| Rated cross section mm ² /AWG | 0.14-4 | 26-12 | 0.14-4 | 26-12 | | | |
| Connection capacity | Solid Stranded | Ferrule (with and without plastic sleeve) | Solid Stranded | Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.14-4 0.14-2. | 5 0.14-2.5 0.14-2.5 | 0.14-4 0.14-2.5 | 0.14-2.5 0.14-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | | - 0.5 | | - 0.5 | | | |
| General Information | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | Р | A/V0 | | | |
| Operation temperatures $^{\circ}\text{C}(^{\circ}\text{F})$ | -40(- | 40)~105(221) | -40(-40)~105(221) | | | | |
| Stripping length mm | | 10-12 | 10-12 | | | | |
| Color | Gre (please contact sales | ey, Red, Blue s for other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | | | |
| Accessories | | | | | | | |
| Ferrule | | I | | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | | 0.6x3.5 | 0. | 6x3.5 | | | |
| Bridge (2-10P, 20P) | DFB2-5.2 DFB3-5.2 DFB7-5.2 DFB8-5.2 DFB | DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB9-5.2 DFB10-5.2 DFB20-5.2 | DFB2-5.2 DFB3-5.2 DFB DFB7-5.2 DFB8-5.2 DFB | 4-5.2 DFB5-5.2 DFB6-5.2 9-5.2 DFB10-5.2 DFB20-5.2 | | | |
| End cover | D | -DSKK2.5 | D-D | SKK2.5 | | | |
| Partition plate | | I | 1 | | | | |
| Top marker | | 1 | | 1 | | | |
| Side marker | ZI | K5 / ZSF5 | ZK5 / ZSF5 | | | | |
| Marker support | DMTH | 5-2 / DMTH5-3 | DMTH5-2 / DMTH5-3 | | | | |
| Terminal strip marker support | DLM2 / KLM | ИЗ-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | | |
| End clamp | E-PC | 1100A / E-WS N | E-PC 1100A / E-WS N | | | | |





Push-in connection technology

Feed-through, multi-conductor, multi-level, and ground terminal blocks





DSKK 2.5-PE

c**\$N**°us C€ EHI ROHS REACH

| Order NO. | 1104000099 | |
|--|---|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.2/68.2/48.75(56.25) | |
| Electrical Data | IEC UL IEC60947-7-2 UL1059 | |
| Rated voltage V | 1 1 | |
| Rated current A | 1 | |
| Rated cross section mm ² /AWG | 0.14-4 26-12 | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | |
| 1 conductor mm ² | 0.14-4 0.14-2.5 0.14-2.5 0.14-2.5 | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5 | |
| General Information | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | |
| Stripping length mm | 10-12 | |
| Color | Yellow green mixed color | |
| Accessories | | |
| Ferrule | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | |
| Bridge (2-10P, 20P) | DFB2-5.2 DFB3-5.2 DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB7-5.2 DFB8-5.2 DFB9-5.2 DFB10-5.2 DFB20-5 | |
| End cover | D-DSKK2.5 | |
| Partition plate | 1 | |
| Top marker | 1 | |
| Side marker | ZK5 / ZSF5 | |
| Marker support | DMTH5-2 / DMTH5-3 | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | |
| End clamp | E-PC 1100A / E-WS N | |

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Feed-through, multi-conductor, multi-level, and ground terminal blocks







DS2.5-3L



DS2.5-3L-PV

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|--|--|---|--|--|--|
| Order NO. | 11040000125 | 11040000128 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.2/102.00/60.75(68.25) | 5.2/102.00/60.75(68.25) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 UL1059 | | | |
| Rated voltage V | 500 300 | 500 300 | | | |
| Rated current A | 20 20 | 20 20 | | | |
| Rated cross section mm ² /AWG | 0.14-4 26-12 | 0.14-4 26-12 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.14-4 0.14-2.5 0.14-2.5 0.14-2.5 | 0.14-4 0.14-2.5 0.14-2.5 0.14-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5 | 0.5 | | | |
| General Information | | · | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 10-12 | 10-12 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | | |
| Accessories | | | | | |
| Ferrule | 1 | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 | | | |
| Bridge (2-10P, 20P) | DFB2-5.2 DFB3-5.2 DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB7-5.2 DFB8-5.2 DFB9-5.2 DFB10-5.2 DFB20-5. | DFB2-5.2 DFB3-5.2 DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB7-5.2 DFB8-5.2 DFB9-5.2 DFB10-5.2 DFB20-5.2 | | | |
| End cover | D-DS2.5-3L | D-DS2.5-3L | | | |
| Partition plate | I | 1 | | | |
| Top marker | I | I | | | |
| Side marker | ZK5 / ZSF5 | ZK5 / ZSF5 | | | |
| Marker support | DMTH5-2 / DMTH5-3 | DMTH5-2 / DMTH5-3 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |





Push-in connection technology

Feed-through, multi-conductor, multi-level, and ground terminal blocks





DS2.5-3L-PE

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|--|---|--|
| Order NO. | 11040000129 | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.2/102.00/60.75(68.25) | |
| Electrical Data | IEC UL IEC60947-7-2 UL1059 | |
| Rated voltage V | 1 | |
| Rated current A | 1 | |
| Rated cross section mm ² /AWG | 0.14-4 26-12 | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | |
| 1 conductor mm ² | 0.14-4 0.14-2.5 0.14-2.5 0.14-2.5 | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5 | |
| General Information | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | |
| Operation temperatures $^{\circ}\text{C}\left(^{\circ}\text{F}\right)$ | -40(-40)~105(221) | |
| Stripping length mm | 10-12 | |
| Color | Yellow green mixed color | |
| Accessories | | |
| Ferrule | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | |
| Bridge (2-10P, 20P) | DFB2-5.2 DFB3-5.2 DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB7-5.2 DFB8-5.2 DFB9-5.2 DFB10-5.2 DFB20-5 | |
| End cover | D-DS2.5-3L | |
| Partition plate | I | |
| Top marker | I | |
| Side marker | ZK5 / ZSF5 | |
| Marker support | DMTH5-2 / DMTH5-3 | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | |
| End clamp | E-PC 1100A / E-WS N | |

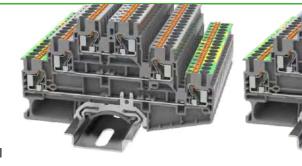


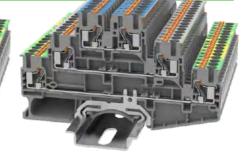






Feed-through, multi-conductor, multi-level, and ground terminal blocks







DS2.5-3L-L/L/PE



DS2.5-3L-L/N/PE

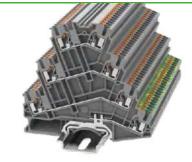
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C€ EHE ROHS REACH

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|--|---|---|--|--|
| Order NO. | 11040000142 | 11040000293 | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.2/102.00/60.75(68.25) | 5.2/102.00/60.75(68.25) | | |
| Electrical Data | IEC UL IEC60947-7-1 IEC60947-7-2 UL1059 | IEC UL IEC60947-7-1 IEC60947-7-2 UL1059 | | |
| Rated voltage V | 500 300 | 500 300 | | |
| Rated current A | 20 20 | 20 20 | | |
| Rated cross section mm ² /AWG | 0.14-4 26-12 | 0.14-4 26-12 | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.14-4 0.14-2.5 0.14-2.5 0.14-2.5 | 0.14-4 0.14-2.5 0.14-2.5 0.14-2.5 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5 | 0.5 | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | |
| Stripping length mm | 10-12 | 10-12 | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | |
| Accessories | | | | |
| Ferrule | 1 | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 | | |
| Bridge (2-10P, 20P) | DFB2-5.2 DFB3-5.2 DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB7-5.2 DFB8-5.2 DFB9-5.2 DFB10-5.2 DFB20-5.2 | DFB2-5.2 DFB3-5.2 DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB7-5.2 DFB8-5.2 DFB9-5.2 DFB10-5.2 DFB20-5.2 | | |
| End cover | D-DS2.5-3L | D-DS2.5-3L | | |
| Partition plate | I | 1 | | |
| Top marker | I | 1 | | |
| Side marker | ZK5 / ZSF5 | ZK5 / ZSF5 | | |
| Marker support | DMTH5-2 / DMTH5-3 | DMTH5-2 / DMTH5-3 | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | |

Push-in connection technology

Feed-through, multi-conductor, multi-level, and ground terminal blocks



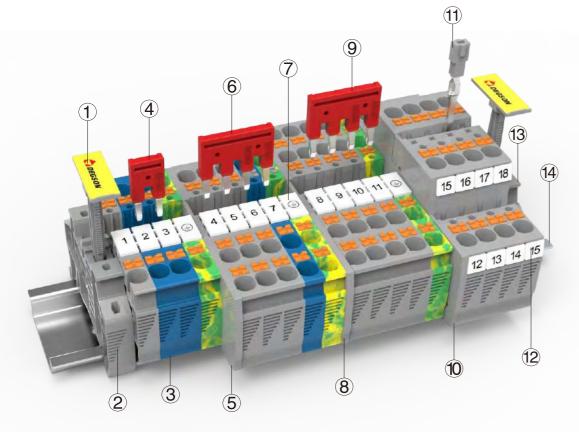


DS2.5-PE/3L

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|--|-----------|--|----------------------|-------------------------|--------------------|
| Order NO. | | | 11040 | 000188 | |
| Width/Length/Height(NS35/7.5&NS35/15 | 5) mm | 5.2/99.4/92.6(100.1) | | | |
| Electrical Data | | | EC 1 IEC60947-7-2 | | UL 1059 |
| Rated voltage | V | | 800 | 6 | 300 |
| Rated current | Α | | 20 | | 20 |
| Rated cross section mi | m²/AWG | 0. | 14-4 | 26 | 6-12 |
| Connection capacity | | Solid | Stranded Fe | errule (with and withou | ut plastic sleeve) |
| 1 conductor | mm² | 0.14-4 | 0.14-2.5 | 0.14-2.5 | 0.14-2.5 |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | _ | _ | 0.5 |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | P/ | A/V0 | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | |
| Stripping length | mm | 10-12 | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | | |
| Accessories | | | | | |
| Ferrule | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.6 | 3x3.5 | |
| Bridge (2P, 3P,10P) | | DFB | S2-5.2 / DFBS | S3-5.2 / DFBS | 310-5.2 |
| End cover | | | D-DS2 | .5-PE/3L | |
| Partition plate | | | | 1 | |
| Top marker | | ZB5 / ZS5 | | | |
| Side marker | | ZK5 / ZSF5 | | | |
| Marker support | mark . | | DMTH5-2 | / DMTH5-3 | |
| Terminal strip marker support | T | D | LM2 / KLM3-2 | 20x8 / KLM3-4 | 44x8 |
| End clamp | 他 | | E-PC 110 | 0A / E-WS N | |

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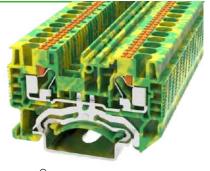
| Description | Part No. | Remark |
|------------------------|------------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 Terminal blocks | DS4-01P-11-00A(H) | Push-in type 4mm ² DIN Rail terminal blocks |
| Pluggable bridges | DFB2-6.2-16-00A(H) | 02P bridge, use for DS4 series |
| ⑤ End cover | D-DS4-TW-01P-11-00A(H) | End cover is used for DS4-TW&DS4-TW-PE |
| Pluggable bridges | DFB4-6.2-16-00A(H) | 04P bridge, use for DS4 series |
| Marker | ZB6-10P-19-00A(H) | Marker is used for the top of DS4 series |
| End cover | D-DS4-QU-01P-11-00A(H) | End cover is used for DS4-QU&DS4-QU-PE |
| Pluggable bridges | DFB4-6.2-16-00A(H) | 04P bridge, use for DS4 series |
| 10 End cover | D-DSKK4-01P-11-00A(H) | End cover is used for DSKK4&DSKK4-PE |
| ① Potential bridge | DPV2.5-01P-11-00A(H) | Vertical potential bridge, to connect the upper and lower level |
| ② Marker | ZK6-20P-19-00A(H) | Marker is used for the side of DS4 series |
| [®] End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ④ DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |
| | | |

| (4) DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN Fall | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| Circuit diagram | | | |
| | O Connection point for wiring | Fuse connection | ● Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| | LED light connection | Grounding connection | Diode connection |



Feed-through, multi-conductor, multi-level, and ground terminal blocks







DS4-PE

DS4

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| Order NO. | 110 | 1104000041 | | 11040000047 | | | |
|--|--|---|------------------------------|---------------------|------------------------|--------------------|--|
| | 6.2/55 | 6.2/55.6/36.8(44.3) | | 6.2/55.6/36.8(44.3) | | | |
| | IEC | UL | 6.2/55.6/36.6(44.3) | | | | |
| Electrical Data | IEC60947-7-1 | UL1059 | IEC609 | | U | L1059 | |
| Rated voltage V | 800 | 600 | 1 | | | 1 | |
| Rated current A | 32 | 30 | 1 | | | 1 | |
| Rated cross section mm ² /AWG | 0.2-6 | 24-10 | 0.2 | !-6 | : | 24-10 | |
| Connection capacity | Solid Stranded | Ferrule (with and without plastic sleeve) | Solid | Stranded | Ferrule (with and with | out plastic sleeve | |
| 1 conductor mm ² | 0.2-6 0.2-4 | 0.2-4 0.2-4 | 0.2-6 | 0.2-4 | 0.2-4 | 0.2-4 | |
| 2 flexible conductors with a TWIN ferrule mm ² | | – 0.5-1 | _ | _ | _ | 0.5-1 | |
| General Information | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | PA/V0 | | | | |
| Operation temperatures °C (°F) | -40(-4 | 0)~105(221) | -40(-40)~105(221) | | | | |
| Stripping length mm | | 11-13 | 11-13 | | | | |
| Color | | y, Red, Blue for other color requirements) | s) Yellow green mixed color | | | | |
| Accessories | | | | | | | |
| Ferrule | | 1 | | | I | | |
| Slotted screwdriver size (Blade thickness x Width) | | 0.6x3.5 | | | 0.6x3.5 | | |
| Bridge (2-10P) | DFB2-6.2 DFB3-6.2 DFB7-6.2 DFB8-6.2 DFB | FB4-6.2 DFB5-6.2 DFB6-6.2 FB9-6.2 DFB10-6.2 | | | 1 | | |
| End cover | | D-DS4 | | | D-DS4 | | |
| Partition plate | | 1 | I | | | | |
| Top marker Jacobskii | ZE | 36 / ZS6 | ZB6 / ZS6 | | | | |
| Side marker | ZK | 6 / ZSF6 | ZK6 / ZSF6 | | | | |
| Marker support | | 1 | 1 | | | | |
| Terminal strip marker support | DLM2 / KLM | 3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | | |
| End clamp | E-PC 1 | 100A / E-WS N | | E-PC 1 | 100A / E-WS N | | |

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DS4-TW



Feed-through, multi-conductor, multi-level, and ground terminal blocks

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DS4-TW-PE

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| Order NO. | 1104000050 | 1104000051 | | |
|--|---|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 6.2/66.5/36.8(44.3) | 6.2/66.5/36.8(44.3) | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | |
| Rated voltage V | 800 600 | 1 | | |
| Rated current A | 32 30 | 1 | | |
| Rated cross section mm ² /AWG | 0.2-6 24-10 | 0.2-6 24-10 | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.2-6 0.2-4 0.2-4 0.2-4 | 0.2-6 0.2-4 0.2-4 0.2-4 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | 0.5-1 | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | -40(-40)~105(221) | | |
| Stripping length mm | 10-12 | 10-12 | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | |
| Accessories | | | | |
| Ferrule | 1 | I | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 | | |
| Bridge (2-10P) | DFB2-6.2 DFB3-6.2 DFB4-6.2 DFB5-6.2 DFB6-6.2 DFB7-6.2 DFB8-6.2 DFB9-6.2 DFB10-6.2 | 1 | | |
| End cover | D-DS4-TW | D-DS4-TW | | |
| Partition plate | 1 | 1 | | |
| Top marker | ZB6 / ZS6 | ZB6 / ZS6 | | |
| Side marker | ZK6 / ZSF6 | ZK6 / ZSF6 | | |
| Marker support | 1 | 1 | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | |





Push-in connection technology



Feed-through, multi-conductor, multi-level, and ground terminal blocks

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DS4-QU

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|-----------------|------|------------|------------------|------|------------|
| C = 03 | FILE | HOHO HENDH | U = U3 | LIIL | HOHO HENDH |

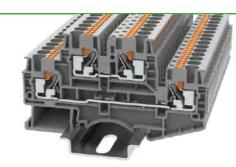
| Order NO. | | 11040000048 | | | 1104 | 0000049 | |
|--|----------------|--|-----------------------|------------------------------|------------|-----------------------|--------------------|
| Width/Length/Height(NS35/7.5&NS35/15) | mm | 6.2/77/36.8(44.3) | | 6.2/77/36.8(44.3) | | | |
| Electrical Data | IEC IEC6094 | | UL UL1059 | IEC IEC60947-7-2 | | UL UL1059 | |
| Rated voltage | V 800 |) | 600 | | 1 | 1 | |
| Rated current | A 32 | | 30 | | 1 | | 1 |
| Rated cross section mm ² /AW | /G 0.2- | 6 | 24-10 | 0. | .2-6 | 2 | 24-10 |
| Connection capacity | Solid | Stranded Ferrule (with and w | thout plastic sleeve) | Solid | Stranded F | errule (with and with | out plastic sleeve |
| 1 conductor | ım² 0.2-6 | 0.2-4 0.2-4 | 0.2-4 | 0.2-6 | 0.2-4 | 0.2-4 | 0.2-4 |
| 2 flexible conductors with a TWIN ferrule | ım² – | | 0.5-1 | _ | _ | _ | 0.5-1 |
| General Information | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | PA/V0 | | | |
| Operation temperatures °C (° | PF) | -40(-40)~105(221) | | -40(-40)~105(221) | | | |
| Stripping length | mm | 10-12 | | 10-12 | | | |
| Color | (please con | Grey, Red, Blue tact sales for other colo | r requirements) | Yellow green mixed color | | | or |
| Accessories | | | | | | | |
| Ferrule | | 1 | | I | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | 0.6x3.5 | | 0.6x3.5 | | | |
| Bridge (2-10P) | | 33-6.2 DFB4-6.2 DFB 38-6.2 DFB9-6.2 DFB | | 2 / | | | |
| End cover | 7 | D-DS4-QU | | D-DS4-QU | | | |
| Partition plate | | I | | | 1 | | |
| Top marker | ij | ZB6 / ZS6 | | ZB6 / ZS6 | | | |
| Side marker | | ZK6 / ZSF6 | | ZK6 / ZSF6 | | | |
| Marker support | | I | | | 1 | | |
| Terminal strip marker support | DLM | 2 / KLM3-20x8 / KLM | 3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | -44x8 |
| End clamp | ĥ | E-PC 1100A / E-WS | N | E-PC 1100A / E-WS N | | | |







Feed-through, multi-conductor, multi-level, and ground terminal blocks









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|-------------------|----|-----|------|-------|
|-------------------|----|-----|------|-------|

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| | ¢ 94 2°us C€ EHL ROH | 5 KEAGH | ¢ AL °us C€ EHL ROHS R | EAGH | | |
|--|-----------------------------|--|--|---|--|--|
| Order NO. | 11 | 104000064 | 1104000065 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 6.2/8 | 6.2/83.5/48.75(56.25) | | 48.75(56.25) | | |
| Electrical Data | IEC IEC60947-7-1 | | | UL UL1059 | | |
| Rated voltage V | 500 | 300 | 500 | 300 | | |
| Rated current A | 32 | 28 | 32 | 28 | | |
| Rated cross section mm ² /AWG | 0.2-6 | 24-10 | 0.2-4 | 24-10 | | |
| Connection capacity | Solid Strande | d Ferrule (with and without plastic sleeve) | Solid Stranded | errule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.2-6 0.2- | 4 0.2-4 0.2-4 | 0.2-6 0.2-4 | 0.2-4 0.2-4 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | | - 0.5-1 | | - 0.5-1 | | |
| General Information | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | PA/V0 | | | |
| Operation temperatures °C (°F) | -40 | (-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | | 11-13 | 11-13 | | | |
| Color | (please contact sal | rey, Red, Blue es for other color requirements) | Grey, (please contact sales fo | Grey, Red, Blue (please contact sales for other color requirements) | | |
| Accessories | | | | | | |
| Ferrule | | 1 | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | | 0.6x3.5 | 0. | .6x3.5 | | |
| Bridge (2-10P) | | DFB4-6.2 DFB5-6.2 DFB6-6.2 DFB9-6.2 DFB10-6.2 | DFB2-6.2 DFB3-6.2 DFB7-6.2 DFB8-6.2 DFB | | | |
| End cover | | D-DSKK4 | D-I | DSKK4 | | |
| Partition plate | | 1 | I | | | |
| Top marker | | 1 | | 1 | | |
| Side marker | | ZK6 | | ZK6 | | |
| Marker support | | I | | I | | |
| Terminal strip marker support | DLM2 / KI | DLM2 / KLM3-20x8 / KLM3-44x8 | | -20x8 / KLM3-44x8 | | |
| End clamp | E-PC | E-PC 1100A / E-WS N | | 00A / E-WS N | | |

Push-in connection technology

Feed-through, multi-conductor, multi-level, and ground terminal blocks





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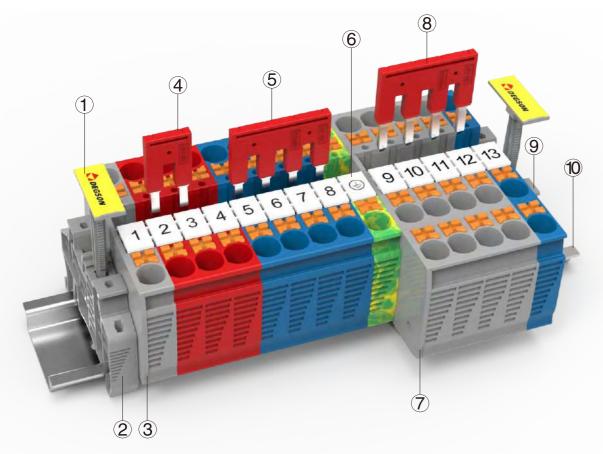
| Order NO. | 11040000144 | | |
|--|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 6.2/83.5/48.75(56.25) | | |
| Electrical Data | IEC UL IEC60947-7-2 UL1059 | | |
| Rated voltage V | / / | | |
| Rated current A | 1 1 | | |
| Rated cross section mm ² /AWG | 0.2-4 24-10 | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.2-6 0.2-4 0.2-4 0.2-4 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | | |
| General Information | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | | |
| Operation temperatures $^{\circ}\mathbb{C}$ ($^{\circ}\mathbb{F}$) | -40(-40)~105(221) | | |
| Stripping length mm | 11-13 | | |
| Color | Yellow green mixed color | | |
| Accessories | | | |
| Ferrule | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | | |
| Bridge (2-10P) | DFB2-6.2 DFB3-6.2 DFB4-6.2 DFB5-6.2 DFB6-6. DFB7-6.2 DFB8-6.2 DFB9-6.2 DFB10-6.2 | | |
| End cover | D-DSKK4 | | |
| Partition plate | I | | |
| Top marker | 1 | | |
| Side marker | ZK6 | | |
| Marker support | 1 | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| End clamp | E-PC 1100A / E-WS N | | |

-27-

DEGSON







| Description | Part No. | Remark |
|---------------------|------------------------|--|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ③ End cover | D-DS6-01P-11-00A(H) | End cover is used for DS6&DS6-PE |
| Pluggable bridges | DFB2-8.2-16-00A(H) | 02P bridge, use for DS6 series |
| ⑤ Pluggable bridges | DFB4-8.2-16-00A(H) | 04P bridge, use for DS6 series |
| 6 Marker | ZB8-10P-19-00A(H) | Marker is used for the top of DS6 series |
| ② End cover | D-DS6-TW-01P-11-00A(H) | End cover is used for DS6-TW&DS6-TW-PE |
| Pluggable bridges | DFB4-8.2-16-00A(H) | 04P bridge, use for DS6 series |
| 9 End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 10 DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| _ | O Connection point for wiring | Fuse connection | |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| · - | LED light connection | Grounding connection | Diode connection |





Push-in connection technology

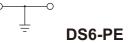
Feed-through, multi-conductor and ground terminal blocks







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DS6

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| | | | | | | , | | | |
|--|-----------------|---|------------------------------|--------------------------|-----------------------|-------------------|-----------------|-----------------------|---------------------|
| Order NO. | | | 11040 | 000052 | | | 11040 | 000060 | |
| Width/Length/Height(NS35/7.5&NS35/15) | mm | | 8.2/58/ | 43.5(51) | | | 8.2/58 | /43.5(51) | |
| Electrical Data | | | IEC 0947-7-1 | | UL _1059 | | IEC 0947-7-2 | U | UL L1059 |
| Rated voltage | V | | 000 | | 600 | | 1 | | 1 |
| Rated current | А | | 41 | | 50 | | 1 | | 1 |
| Rated cross section mm | ²/AWG | 0 | .5-10 | | 20-8 | 0. | 5-10 | | 20-8 |
| Connection capacity | | Solid | Stranded Fe | errule (with and withou | out plastic sleeve) | Solid | Stranded F | errule (with and with | out plastic sleeve) |
| 1 conductor | mm² | 0.5-10 | 0.5-10 | 0.5-6 | 0.5-6 | 0.5-10 | 0.5-10 | 0.5-6 | 0.5-6 |
| 2 flexible conductors with a TWIN ferrule | mm ² | _ | - | _ | 0.5-2.5 | _ | _ | - | 0.5-2.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | P.A | V/V0 | | | P | A/V0 | |
| Operation temperatures | °C (°F) | | -40(-40)~105(221) | | | -40(-40)~105(221) | | | |
| Stripping length | mm | | 10-12 | | | 1 | 10-12 | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Yellow green mixed color | | | or | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 8.0 | 3×4 | | | 0.8 | 3x4 | |
| Bridge (2-10P) | Ţ, | | DFB3-8.2 DFB DFB8-8.2 DFB | | 8.2 DFB6-8.2 I-8.2 | | | 1 | |
| End cover | 3 | | D- | DS6 | | | D- | DS6 | |
| Partition plate | | 1 | | 1 | | | | | |
| Top marker | | ZB8 / ZS8 | | | ZB8 | / ZS8 | | | |
| Side marker | | ZSF8 | | | Z | SF8 | | | |
| Marker support | | | | 1 | | | | / | |
| Terminal strip marker support | T | D | LM2 / KLM3-2 | 0x8 / KLM3- | 44x8 | D | LM2 / KLM3- | 20x8 / KLM3 | -44x8 |
| End clamp | | | E-PC 110 | 0A / E-WS N | | | E-PC 110 | 0A / E-WSN | |





Feed-through, multi-conductor and ground terminal blocks





DS6-TW-PE



DS6-TW

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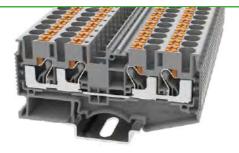
| Order NO. | 1104000091 | | 1104 | 0000147 | | | |
|--|--|---|----------|------------------|-----------------------|---------------------|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 8.2/74.2/43.5(51) | | | 8.2/74 | .2/43.5(51) | | |
| Electrical Data | IEC IEC60947-7-1 U | UL UL1059 | | IEC 60947-7-2 | UL UL1059 | | |
| Rated voltage V | 1000 | 600 | | 1 | | 1 | |
| Rated current A | 41 | 40 | I | | 1 | | |
| Rated cross section mm ² /AWG | 0.5-10 | 20-8 | 0 |).5-10 | | 20-8 | |
| Connection capacity | Solid Stranded Ferrule (with and with | ut plastic sleeve) | Solid | Stranded F | errule (with and with | out plastic sleeve) | |
| 1 conductor mm ² | 0.5-10 0.5-10 0.5-6 | 0.5-6 | 0.5-10 | 0.5-10 | 0.5-6 | 0.5-6 | |
| 2 flexible conductors with a TWIN ferrule mm ² | | 0.5-2.5 | _ | _ | _ | 0.5-2.5 | |
| General Information | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | | | PA/V0 | | | |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | -40(-40)~105(221) | | | | | |
| Stripping length mm | 10-12 | 10-12 | | | | | |
| Color | Grey, Red, Blue (please contact sales for other color r | Yellow green mixed color | | | or | | |
| Accessories | | | | | | | |
| Ferrule | 1 | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.8x4 | 0.8x4 | | 0.8x4 | | | |
| Bridge (2-10P) | | DFB2-8.2 DFB3-8.2 DFB4-8.2 DFB5-8.2 DFB6-8.2 DFB7-8.2 DFB8-8.2 DFB9-8.2 DFB10-8.2 | | 1 | | | |
| End cover | D-DS6-TW | | D-DS6-TW | | | | |
| Partition plate | I | | 1 | | 1 | | |
| Top marker | ZB8 / ZS8 | | | ZB8 | 3 / ZS8 | | |
| Side marker | ZSF8 | | ZSF8 | | | | |
| Marker support | 1 | | | | 1 | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | -44x8 | | |
| | | E-PC 1100A / E-WS N | | | | | |





Push-in connection technology

Feed-through, multi-conductor and ground terminal blocks





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DS6-QU

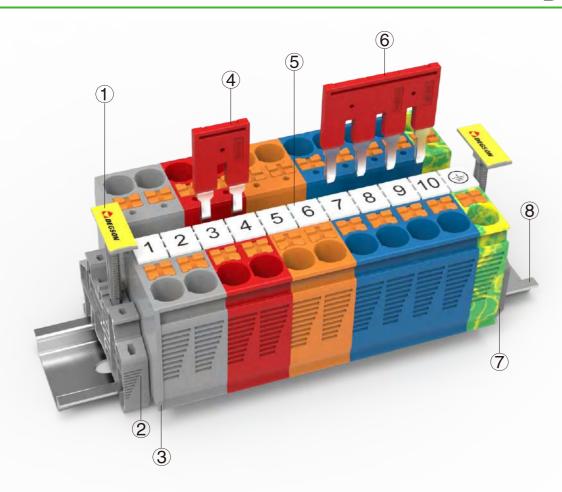


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|--------------------------|
|--------------------------|

| | CE THE NUMS NEADIN | CE THE NUMS NEADIN | | | |
|--|---|--|--|--|--|
| Order NO. | 11040000145 | 11040000146 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 8.2/90.4/43.5(51) | 8.2/90.4/43.5(51) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 1000 600 | 1 | | | |
| Rated current A | 41 40 | 1 | | | |
| Rated cross section mm ² /AWG | 0.5-10 20-8 | 0.5-10 20-8 | | | |
| Connection capacity | Solid Stranded Femule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.5-10 0.5-10 0.5-6 0.5-6 | 0.5-10 0.5-10 0.5-6 0.5-6 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-2.5 | 0.5-2.5 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 12 | 12 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | | |
| Accessories | | | | | |
| Ferrule | I | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.8x4 | 0.8x4 | | | |
| Bridge (2-10P) | DFB2-8.2 DFB3-8.2 DFB4-8.2 DFB5-8.2 DFB6-8.2 DFB7-8.2 DFB8-8.2 DFB9-8.2 DFB10-8.2 | I | | | |
| End cover | D-DS6-QU | D-DS6-QU | | | |
| Partition plate | 1 | I | | | |
| Top marker degree de degree de | ZB8 / ZS8 | ZB8 / ZS8 | | | |
| Side marker | ZSF8 | ZSF8 | | | |
| Marker support | 1 | I | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |







| Description | Part No. | Remark |
|-------------------|----------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ③ End cover | D-DS10-01P-11-00A(H) | End cover is used for DS10&DS10-PE |
| Pluggable bridges | DFB2-10.2-16-00A(H) | 02P bridge, use for DS10 series |
| ⑤ Marker | ZB10-10P-19-00A(H) | Marker is used for the top of DS10 series |
| Pluggable bridges | DFB4-10.2-16-00A(H) | 04P bridge, use for DS10 series |
| ⑦ End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| _ | O Connection point for wiring | Fuse connection | o → Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| ` - | LED light connection | Grounding connection | Diode connection |





Feed-through, multi-conductor and ground terminal blocks





DS10-PE





DS10

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| | □ \$N °us C € ERE ROHS REACH | c >> ° C € EHL ROHS REACH | | | | |
|---|--|--|--|--|--|--|
| Order NO. | 1104000001 | 1104000009 | | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 10.2/67.7/51.1(58.6) | 10.2/67.7/51.1(58.6) | | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | | |
| Rated voltage V | 1000 600 | 1 | | | | |
| Rated current A | 57 60 | 1 | | | | |
| Rated cross section mm ² /AWG | 0.5-16 20-6 | 0.5-16 20-6 | | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | | |
| 1 conductor mm ² | 0.5-16 0.5-10 0.5-10 0.5-10 | 0.5-16 0.5-10 0.5-10 0.5-10 | | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | – – 1.5-4 | – – 1.5-4 | | | | |
| General Information | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | | |
| Operation temperatures $^{\circ}\!$ | -40(-40)~105(221) | -40(-40)~105(221) | | | | |
| Stripping length mm | 16-18 | 16-18 | | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | | | |
| Accessories | | | | | | |
| Ferrule | 1 | I | | | | |
| Slotted screwdriver size (Blade thickness x Width) | 1x5.5 | 1x5.5 | | | | |
| Bridge (2-10P) | DFB2-10.2 DFB3-10.2 DFB4-10.2 DFB5-10.2 DFB6-10.2 DFB7-10.2 DFB8-10.2 DFB9-10.2 DFB10-10.2 | / | | | | |
| End cover | D-DS10 | D-DS10 | | | | |
| Partition plate | I | 1 | | | | |
| Top marker | ZB10 / ZS10 | ZB10 / ZS10 | | | | |
| Side marker | ZSF10 ZSF10 | | | | | |
| Marker support | 1 | 1 | | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | | |

End clamp

DS Series

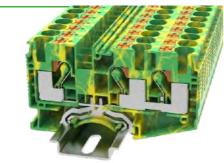




Push-in connection technology

Feed-through, multi-conductor and ground terminal blocks





DS10-TW-PE

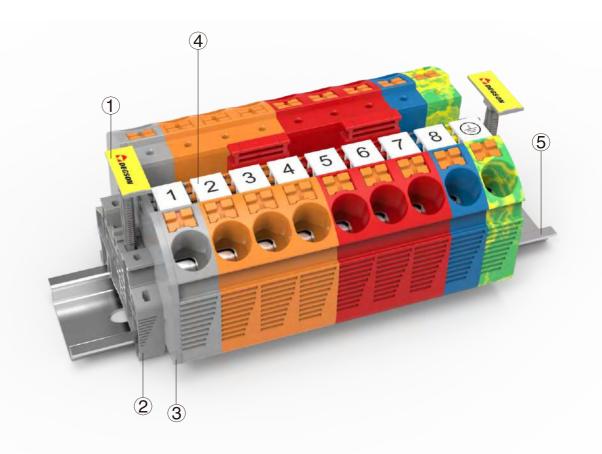
E-PC 1100A / E-WS N



DS10-TW

| | C€ EHE Ro | CE EN ROHS REACH | | | | | CE EHE ROHS REACH | | | | |
|--|------------|---|-----------------------|-------------------|--------------------------|-----------------|---|--------------|--|--|--|
| Order NO. | | 11040000148 | | | | 110 | 40000149 | | | | |
| Width/Length/Height(NS35/7.5&NS35/15) m | n | 10.2/88.9/ | 51.1(58.6) | | 10.2/88.9/51.1(58.6) | | | | | | |
| Electrical Data | | IEC IEC60947-7-1 UL | | | | IEC 0947-7-2 | L | UL JL1059 | | | |
| Rated voltage | 1 | 000 | 6 | 500 | 1 | | | 1 | | | |
| Rated current | | 57 | ı | 60 | | 1 | / | | | | |
| Rated cross section mm ² /AW0 | 0.9 | 5-16 | 2 | 0-6 | 0. | 5-16 | | 20-6 | | | |
| Connection capacity | Solid | Stranded Ferr | rule (with and withou | t plastic sleeve) | Solid | Stranded | Ferrule (with and without plastic sleeve) | | | | |
| 1 conductor mn | 2 0.5-16 | 0.5-10 | 0.5-10 | 0.5-10 | 0.5-16 | 0.5-10 | 0.5-10 | 0.5-10 | | | |
| 2 flexible conductors with a TWIN ferrule mn | 2 | _ | _ | 1.5-4 | _ | _ | _ | 1.5-4 | | | |
| General Information | | | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | | PA/V0 | | | | | | |
| Operation temperatures °C (°F |) | -40(-40)~105(221) | | | -40(-40)~105(221) | | | | | | |
| Stripping length m | n | 16-18 | | | 16-18 | | | | | | |
| Color | (please co | Grey, Red, Blue (please contact sales for other color requirements) | | | Yellow green mixed color | | | | | | |
| Accessories | | | | | | | | | | | |
| Ferrule | | , | / | | | | 1 | | | | |
| Slotted screwdriver size (Blade thickness x Width) | n | 1x5 | .5 | | | | 1x5.5 | | | | |
| Bridge (2-10P) | | DFB3-10.2 DFB4- DFB8-10.2 DFB9- | | | | | 1 | | | | |
| End cover | | D-DS1 | 10-TW | | | D | -DS10-TW | | | | |
| Partition plate | | , | 1 | | | | 1 | | | | |
| Top marker | | ZB10 / ZS10 ZB10 / ZS1 | | | 310 / ZS10 | | | | | | |
| Side marker | | ZSF10 ZSF10 | | | ZSF10 | | | | | | |
| Marker support | | I | 1 | | | | 1 | | | | |
| Terminal strip marker support | D | LM2 / KLM3-2 | 0x8 / KLM3- | 44x8 | D | LM2 / KLM | 3-20x8 / KLM3 | -44x8 | | | |

E-PC 1100A / E-WS N



| Description | Part No. | Remark |
|------------------|----------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 End cover | D-DS16-01P-11-00A(H) | End cover is used for DS16&DS16-PE |
| ④ Marker | ZT12-10P-19-00A(H) | Marker is used for the top of DS16 series |
| 5 DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| | O Connection point for wiring | Fuse connection | |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| ` = | LED light connection | Grounding connection | Diode connection |

DS Series



Push-in connection technology

Feed-through and ground terminal blocks







DS16-PE

DS16

 $\circ \hspace{-1pt} \bullet \hspace{-1pt} \bullet \hspace{-1pt} \circ$

| C€ ERI | RoHS | REACH | CE | FAI | RoHS | RFAI |
|--------|--------|---------|----|------|------|-------|
| C LIIL | 110113 | IILKUII | | LIIL | HUHO | IIIFW |

| Order NO. | 1104000069 | 1104000070 | | | |
|--|---|--|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 12.2/75.4/53.26(60.76) | 12.2/75.4/53.26(60.76) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 1000 600 | 1 | | | |
| Rated current A | 76 85 | 1 | | | |
| Rated cross section mm ² /AWG | 0.5-25 20-4 | 0.5-25 20-4 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.5-25 0.5-16 0.5-16 0.5-16 | 0.5-25 0.5-16 0.5-16 0.5-16 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 1.5-4 | 1.5-4 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 18 | 18 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | | |
| Accessories | | | | | |
| Ferrule | 1 | I | | | |
| Slotted screwdriver size (Blade thickness x Width) | 1x5.5 | 1x5.5 | | | |
| Bridge (2P) | DFB2-12.2 | I | | | |
| End cover | D-DS16 | D-DS16 | | | |
| Partition plate | 1 | 1 | | | |
| Top marker | ZT12 / ZS12 | ZT12 / ZS12 | | | |
| Side marker | ZSF12 | ZSF12 | | | |
| Marker support | I | ı | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |

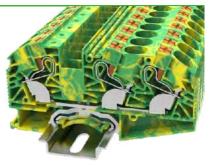




Push-in connection technology

Feed-through and ground terminal blocks





DLM2 / KLM3-20x8 / KLM3-44x8

E-PC 1100A / E-WS N

D040 T



| | DS16-TW | [≟] DS16-TW-PE | | | |
|--|--|--|--|--|--|
| | C € EHE ROHS REACH | CE EME ROHS REACH | | | |
| Order NO. | 11040000193 | 11040000192 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 12.2/100.4/53.25 (60.75) | 12.2/100.4/53.25 (60.75) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 1000 600 | 1 | | | |
| Rated current A | 76 85 | 1 | | | |
| Rated cross section mm ² /AWG | 0.5-25 20-4 | 0.5-25 20-4 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.5-25 0.5-16 0.5-16 0.5-16 | 0.5-25 0.5-16 0.5-16 0.5-16 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 1.5-4 | 1.5-4 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures ${}^{\circ}\mathbb{C}$ (${}^{\circ}\mathbb{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 18 | 18 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | | |
| Accessories | | | | | |
| Ferrule | 1 | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | 1x5.5 | 1x5.5 | | | |
| Bridge (2P) | DFB2-12.2 | 1 | | | |
| End cover | D-DS16-TW | D-DS16-TW | | | |
| Partition plate | 1 | I | | | |
| Top marker | ZT12 / ZS12 | ZT12 / ZS12 | | | |
| Side marker | ZSF12 | ZSF12 | | | |

DLM2 / KLM3-20x8 / KLM3-44x8

E-PC 1100A / E-WS N

-37-

Marker support

Terminal strip marker support

End clamp

DS Fuse Terminal Blocks

- DS Fuse terminal blocks can reach tool free wiring with the Push-in connection technology; Easy to remove the cable by push the orange button
- Snap-on fuse box for easy fuse replacement
- Equipped with LED indicator for quick identification of fusing status
- Double-channel bridging design and 2-20 poles bridges reach the flexible distribution of potentials
- Equipped with test hole on the wiring position, easy to test the circuit





Fuse terminal blocks

DEGSON



DS4-HE





DS4-HF-

C€ EHE ROHS REACH

C€ EHE ROHS REACH

| Order NO. | 11040000163 | 11040000162 | | | |
|--|---|---|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 6.2/55.6/36.8(44.3) | 6.2/55.6/36.8(44.3) | | | |
| Electrical Data | IEC UL IEC60947-7-3 UL1059 | IEC IEC60947-7-3 | | | |
| Rated voltage V | 400 300 | 24 (Led voltage range 12-30V) | | | |
| Rated current A | 6.3 6.3 | 6.3 | | | |
| Rated cross section mm ² /AWG | 0.2-6 24-10 | 0.2-6 24-10 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.2-6 0.2-4 0.2-4 0.2-4 | 0.2-6 0.2-4 0.2-4 0.2-4 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | _ | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 11-13 | 11-13 | | | |
| Color | Black (please contact sales for other color requirements) | Black (please contact sales for other color requirements) | | | |
| Accessories | | | | | |
| Ferrule | 1 | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 | | | |
| Bridge (2-10P) | DFB2-6.2 DFB3-6.2 DFB4-6.2 DFB5-6.2 DFB6-6.2 DFB7-6.2 DFB8-6.2 DFB9-6.2 DFB10-6.2 | DFB2-6.2 DFB3-6.2 DFB4-6.2 DFB5-6.2 DFB6-6.2 DFB7-6.2 DFB8-6.2 DFB9-6.2 DFB10-6.2 | | | |
| End cover | D-DS4-HE | D-DS4-HE | | | |
| Partition plate | I | 1 | | | |
| Top marker | ZB6 / ZS6 | ZB6 / ZS6 | | | |
| Side marker | ZK6 / ZSF6 | ZK6 / ZSF6 | | | |
| Marker support | I | 1 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |

-40

DS Series



Push-in connection technology

Disconnect terminal blocks





DS2.5-TG



DS2.5-MT

C€ EHI ROHS REACH

C€ EHE ROHS REACH

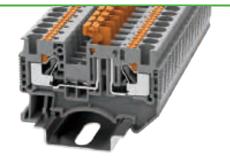
| Order NO. | 11040000201 | 11040000207 | | | |
|--|--|---|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.2/62/36.75(44.25) | 5.2/62/36.75(44.25) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 UL1059 | | | |
| Rated voltage V | 400 300 | 400 300 | | | |
| Rated current A | 20 20 | 20 20 | | | |
| Rated cross section mm ² /AWG | 0.14-4 26-12 | 0.14-4 26-12 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.14-4 0.14-2.5 0.14-2.5 0.14-2.5 | 0.14-4 0.14-2.5 0.14-2.5 0.14-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | – – 0.5 | 0.5 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 10-12 | 10-12 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | | |
| Accessories | | | | | |
| Matching accessories | I | DS-DI / DS-CO / DS-FU5/DS-FU5-LD24 | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 | | | |
| Bridge (2-10 20P) | DFB2-5.2 DFB3-5.2 DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB7-5.2 DFB8-5.2 DFB9-5.2 DFB10-5.2 DFB20-5. | | | | |
| End cover | D-DS2.5-MT | D-DS2.5-MT | | | |
| Partition plate | 1 | I | | | |
| Top marker | ZB5 / ZS5 | ZB5 / ZS5 | | | |
| Side marker | ZK5 / ZSF5 | ZK5 / ZSF5 | | | |
| Marker support | DTH5-25x5 / DTH5-25x12 | I | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |





Push-in connection technology

Disconnect terminal blocks





DS4-MT

~~Y Y~ DS4-TG

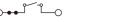
| | C€ EHI | Rohs reach | I | | C€ EHE RoH | S REACH | | | |
|--|--------|-------------------|---|--------------------|-------------------------------|-------------------|-----------------------|--|--|
| Order NO. | | 110 | 40000213 | | | 11040 | 0000212 | | |
| Width/Length/Height(NS35/7.5&NS35/15) mr | n | 6.2/55.0 | 6/36.75(44.25) | | | 6.2/55.6/3 | 36.75(44.25) | | |
| Electrical Data | IEG | IEC C60947-7-1 | | UL .1059 | IEC UL IEC60947-7-1 UL1059 | | | | |
| Rated voltage V | | 500 | : | 300 | | 500 | 300 | | |
| Rated current A | | 20 | | 20 | 20 20 | | | 20 | |
| Rated cross section mm ² /AWG | i | 0.2-6 | 2 | 4-10 | 0 | .2-6 | 2 | 24-10 | |
| Connection capacity | Solid | Stranded | Ferrule (with and without | ut plastic sleeve) | Solid | Stranded Fe | errule (with and with | rule (with and without plastic sleeve) | |
| 1 conductor mm | 0.2-6 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-6 | 0.2-4 | 0.2-4 | 0.2-4 | |
| 2 flexible conductors with a TWIN ferrule mm | 2 _ | _ | _ | 0.5-1 | _ | _ | _ | 0.5-1 | |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | | | PA/V0 | | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$ |) | -40(-40)~105(221) | | | | -40(-40)~105(221) | | | |
| Stripping length mi | n | 11-13 | | | | 11-13 | | | |
| Color | (pleas | | Grey, Red, Blue Grey, Red, Blue (please contact sales for other color requirements) | | | | requirements) | | |
| Accessories | | | | | | | | | |
| Matching accessories 📗 🥡 | | | 1 | | DS-DI | / DS-CO / D | S-FU5 / DS-F | FU5-LD24 | |
| Slotted screwdriver size (Blade thickness x Width) | m | | 0.6x3.5 | | | 0.6 | 6x3.5 | | |
| Bridge (2-10P) | | | FB4-6.2 DFB5-6 FB9-6.2 DFB10- | | | DFB3-6.2 DFE | | -6.2 DFB6-6.2 0-6.2 | |
| End cover | | D | D-DS4-HE | | | D-D | S4-HE | | |
| Partition plate | | | 1 | | | | 1 | | |
| Top marker | | | 1 | | | | / | | |
| Side marker | | ZK6 ZK6 | | | | | | | |
| Marker support | | | I I | | | | | | |
| Terminal strip marker support | | DLM2 / KLM | 3-20x8 / KLM3- | 44x8 | D | LM2 / KLM3-2 | 20x8 / KLM3 | -44x8 | |
| End clamp | | E-PC 1 | 1100A / E-WS N | | | E-PC 110 | 0A / E-WS N | | |

Disconnect terminal blocks





E-PC 1100A / E-WS N



DS6-MT



| | | C€ EHE Rol | HS REACH | | | C€ EHI RoH | IS REACH | | |
|---|---------------------------|------------|------------------------------|---|-----------------------|-------------------|-----------------|------------------------------|--------------------------|
| Order NO. | | | 11040 | 000205 | | 11040000204 | | | |
| Width/Length/Height(NS35/7.5& | .NS35/15) mm | | 8.2/74.2 | 2/43.5(51) | | | 8.2/7 | 4.2/43.5(51) | |
| Electrical Data | | | EC 1947-7-1 | UI | UL _1059 | | IEC 0947-7-1 | L | UL JL1059 |
| Rated voltage | V | 500 300 | | | 500 | | 300 | | |
| Rated current | А | : | 20 | | 20 | | 20 | | 20 |
| Rated cross section | mm²/AWG | 0.8 | 5-10 | : | 20-8 | 0. | .5-10 | | 20-8 |
| Connection capacity | | Solid | Stranded Fe | errule (with and witho | ut plastic sleeve) | Solid | Stranded | Ferrule (with and with | out plastic sleeve) |
| 1 conductor | mm² | 0.5-10 | 0.5-6 | 0.5-6 | 0.5-6 | 0.5-10 | 0.5-6 | 0.5-6 | 0.5-6 |
| 2 flexible conductors with a TWII | N ferrule mm ² | _ | _ | _ | 0.5-2.5 | _ | _ | _ | 0.5-2.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammabili (according to UL 94) | ty rating | PA/V0 | | | PA/V0 | | | | |
| Operation temperatures | °C (°F) | | -40(-40) | ~105(221) | | -40(-40)~105(221) | | | |
| Stripping length | mm | | 10 |)-12 | | | 10-12 | | |
| Color | | (please co | Grey, F intact sales fo | Grey, Red, Blue Grey, Red, Blue (please contact sales for other color requirements) | | | requirements) | | |
| Accessories | | | | | | | | | |
| Matching accessories | § 🐺 🛊 | | | 1 | | DS-D | I / DS-CO / | DS-FU5 / DS-I | FU5-LD24 |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.8 | 3x4 | | | (| 0.8x4 | |
| Bridge (2-10P) | 1111 | | DFB3-8.2 DFB DFB8-8.2 DFB | | 8.2 DFB6-8.2)-8.2 | | DFB3-8.2 D | FB4-8.2 DFB5 FB9-8.2 DFB1 | 5-8.2 DFB6-8.2 10-8.2 |
| End cover | | | | 1 | | | | 1 | |
| Partition plate | | | | 1 | | | | 1 | |
| Top marker | | ZSF8 ZSF8 | | | ZSF8 | | | | |
| Side marker | HUUU | | Z | SF8 | | | | ZSF8 | |
| Marker support | | | | 1 | | | | I | |
| Terminal strip marker support | | DI | LM2 / KLM3-2 | 20x8 / KLM3 | -44x8 | D | LM2 / KLM3 | 3-20x8 / KLM3 | i-44x8 |
| | han dike. | | | | | | _ | | |

E-PC 1100A / E-WS N

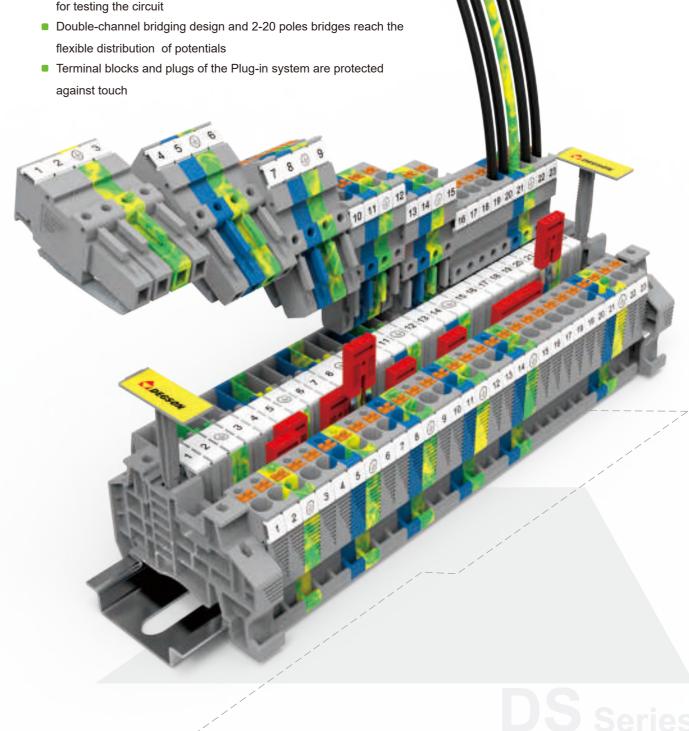
DS Plug-in Terminal Blocks

DEGSON

Plug-in pluggable wiring system, which can be quickly installed and disassembled to realize modularization of circuit connection

Mis-plug-proof structure design, with DS-PC to prevent misconnection; with orange snaps, the plug can be fixed on the base; the plug can be flexibly assembled according to requirements

■ The wiring position is equipped with a test hole, which is convenient for testing the circuit



End clamp

DS Series



Push-in connection technology

Plug-in terminal blocks





C€ EHE ROHS REACH

| ROHS REACH | C€ EHE ROHS REACH |
|------------|-------------------|
| | |

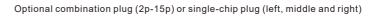
| Order NO. | 11040000240 | 11040000241 |
|--|---|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.2/48.6/36.75(44.25) | 5.2/48.6/36.75(44.25) |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1/IEC60947-7-2 UL1059 |
| Rated voltage V | 500 600 | 1 |
| Rated current A | 24 20 | I I |
| Rated cross section mm ² /AWG | 0.14-4 26-12 | 0.14-4 26-12 |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) |
| 1 conductor mm ² | 0.14-4 0.14-2.5 0.14-2.5 0.14-2.5 | 0.14-4 0.14-2.5 0.14-2.5 0.14-2.5 |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5 | 0.5 |
| General Information | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 |
| Operation temperatures $^{\circ}\mathbb{C}$ ($^{\circ}\mathbb{F}$) | -40(-40)~105(221) | -40(-40)~105(221) |
| Stripping length mm | 10-12 | 10-12 |
| Color | Grey, Red, Blue (please contact sales for other color requirements | Yellow green mixed color |
| Accessories | | |
| Plug(02P-15P) | DSP2.5-H | DSP2.5-H |
| Coding star | DS-PC | DS-PC |
| Latching | DSR1.5 / DSR2.5 | DSR1.5 / DSR2.5 |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 |
| Bridge (2-10P 20P) | DFB2-5.2 DFB3-5.2 DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB7-5.2 DFB8-5.2 DFB9-5.2 DFB10-5.2 DFB20-5 | |
| End cover | D-DS2.5 | D-DS2.5 |
| Partition plate | I | I |
| Top marker | ZB5 / ZS5 | ZB5 / ZS5 |
| Side marker | ZK5 / ZSF5 | ZK5 / ZSF5 |
| Marker support | I | 1 |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 |
| End clamp | E-WS / E-PC / E-MK / E-WS N | E-WS / E-PC / E-MK / E-WS N |

Index List

DEGSON

| | Matching plugs index list of DS Plug-in system | | | | | |
|----------|--|------------------------|------------|----------|--|--|
| Туре | Quantity | Matching plugs | Туре | Quantity | | |
| DS2.5/1P | 1 | DSP2.5-H-01P-11-00A(H) | / | 1 | | |
| | | | DSP2.5-H-L | 1 | | |
| DS2.5/1P | 2 | DSP2.5-H-02P-11-00A(H) | DSP2.5-H-M | 0 | | |
| | | | DSP2.5-H-R | 1 | | |
| | | | DSP2.5-H-L | 1 | | |
| DS2.5/1P | 3 | DSP2.5-H-03P-11-00A(H) | DSP2.5-H-M | 1 | | |
| | | | DSP2.5-H-R | 1 | | |
| | | | DSP2.5-H-L | 1 | | |
| DS2.5/1P | 4 | DSP2.5-H-04P-11-00A(H) | DSP2.5-H-M | 2 | | |
| | | | DSP2.5-H-R | 1 | | |
| | | | | | | |
| | | | DSP2.5-H-L | 1 | | |
| DS2.5/1P | 15 | DSP2.5-H-15P-11-00A(H) | DSP2.5-H-M | 13 | | |
| | | | DSP2.5-H-R | 1 | | |









DSR1.5 assembly effect drawing

DSR2.5 assembly effect drawing

The self-assembled plug can be matched with DSR1.5/2.5 clip accessories, flexible field installation

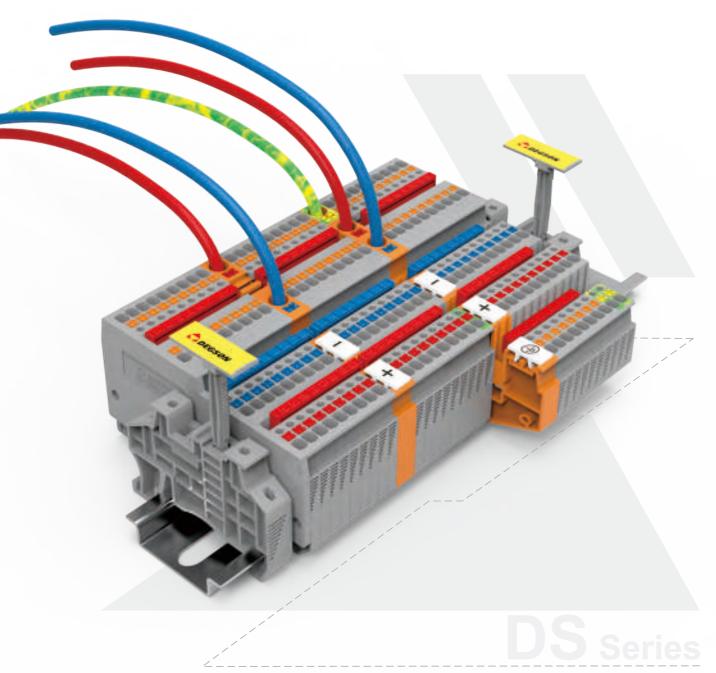






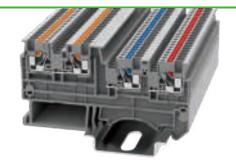
DS Sensor Terminal Blocks And Actuator Terminal Blocks

- DSIO Initiator/actuator terminal blocks can reach tool free wiring with the Push-in connection technology; Easy to remove the cable by push the orange button
- 3.5mm ultra-thin design, saving space; compact structure reach high wiring density
- The power feed module used with bridge, realize the power distribution of positive and negative
- Compatible with the marking system to clearly identify the working area
- Equipped with test hole on the wiring position, easy to test the circuit



Push-in connection technology

Sensor terminal blocks and actuator terminal blocks







DSIO1.5/3



DSIO1.5/3-PE

C€ EHI ROHS REACH

C€ EHE ROHS REACH

| 11040000234 | 11040000235 |
|---|---|
| 3.5/74.4/41.5(49) | 3.5/74.4/41.5(49) |
| IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 IEC60947-7-2 UL1059 |
| 250 300 | 250 300 |
| 13.5 15 | 13.5 15 |
| 0.14-1.5 26-16 | 0.14-1.5 26-16 |
| Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) |
| 0.14-1.5 | 0.14-1.5 |
| | |
| | |
| PA/V0 | PA/V0 |
| -40(-40)~105(221) | -40(-40)~105(221) |
| 8-10 | 8-10 |
| Grey, Red, Blue (please contact sales for other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) |
| | |
| 1 | I |
| 0.4-2.5 | 0.4-2.5 |
| DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 |
| D-DSIO1.5/3-1 | D-DSIO1.5/3-1 |
| | |
| 1 | 1 |
| / ZSF3.5 | / ZSF3.5 |
| | |
| ZSF3.5 | ZSF3.5 |
| ZSF3.5 ZSF3.5 | ZSF3.5 ZSF3.5 |
| | 3.5/74.4/41.5(49) IEC UL IEC60947-7-1 UL1059 250 300 13.5 15 0.14-1.5 26-16 Solid Stranded Ferrule (with and without plastic sleeve) 0.14-1.5 0.14-1.5 0.15-1.5 0.14-0.5 — — — — — — — — — — — — — — — — — — — |

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DS Series





Push-in connection technology

Sensor terminal blocks and actuator terminal blocks











DSIO1.5/4-PE

C€ EHE ROHS REACH

C€ EHE ROHS REACH

| | CE THE DOUG DEAPE | CE TUL DOUG DEAPU | | | |
|--|---|---|--|--|--|
| Order NO. | 11040000248 | 11040000249 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 3.5/90.9/41.5(49) | 3.5/90.9/41.5(49) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 250 300 | 250 300 | | | |
| Rated current A | 13.5 15 | 13.5 15 | | | |
| Rated cross section mm ² /AWG | 0.14-1.5 26-16 | 0.14-1.5 26-16 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.14-1.5 | 0.14-1.5 0.14-1.5 0.15-1.5 0.14-1.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | | | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 8-10 | 8-10 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | | |
| Accessories | | | | | |
| Ferrule | 1 | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.4-2.5 | 0.4-2.5 | | | |
| Bridge (2-10P 20P) | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB8-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 | | | |
| End cover | D-DSIO1.5/4-1 | D-DSIO1.5/4-1 | | | |
| Partition plate | 1 | I | | | |
| Top marker | ZSF3.5 | ZSF3.5 | | | |
| Side marker | ZSF3.5 | ZSF3.5 | | | |
| Marker support | / | 1 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |

Push-in connection technology

Sensor terminal blocks and actuator terminal blocks



000 000

DSIO-IN 2.5/3 OG

C€ EHE ROHS REACH

| Order NO. | 11040000239 | | | |
|--|---|---|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 7/74. | 4/41.5(49) | | |
| Electrical Data | IEC IEC60947-7-1 | UL UL1059 | | |
| Rated voltage V | 250 | 300 | | |
| Rated current A | 20 | 10 | | |
| Rated cross section mm ² /AWG | 0.2-4 | 26-12 | | |
| Connection capacity | Solid Stranded | Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.2-4 0.2-2.5 | 0.2-2.5 0.2-2.5 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | | - 0.5 | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | | | |
| Stripping length mm | 10-12 | | | |
| Color | Orange (please contact sales for other color requirement | | | |
| Accessories | | | | |
| Ferrule | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | 0 | .6x3.5 | | |
| Bridge (2-10P 20P) | DFB2-3.5 DFB3-3.5 DF DFB7-3.5 DFB8-3.5 DF | B4-3.5 DFB5-3.5 DFB6-3.5 B9-3.5 DFB10-3.5 DFB20-3. | | |
| | | | | |
| End cover | D-DS | SIO1.5/3-1 | | |
| End cover Partition plate | D-DS | SIO1.5/3-1 | | |
| | | | | |
| Partition plate | ZB | 1 | | |
| Partition plate Top marker | ZB | / 6 / ZS6 | | |
| Partition plate Top marker Side marker | ZB | / 6 / ZS6 6 / ZSF6 | | |

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Sensor terminal blocks and actuator terminal blocks





C € EHI ROHS REACH

| Typo 9/41.5(49) Typo 9/41. | Order NO. | | | 11040 | 0000238 | |
|--|---|--------|--|--------------|-------------------------|--------------------|
| IEC80947-7-1 IEC80947-7-2 UL1059 | Width/Length/Height(NS35/7.5&NS35/15) | mm | | 7/90.9 | /41.5(49) | |
| Rated current | Electrical Data | | | | | |
| Rated cross section mm²/AWG 0.2-4 26-12 Connection capacity Solid Stranded Femule (with and without plastic seeve) 1 conductor mm² 0.2-4 0.2-2.5 0.2-2.5 0.2-2.5 0.2-2.5 2 flexible conductors with a TWIN ferrule mm² — — — 0.5 General Information Insulation material/Flammability rating (according to UL 94) Operation temperatures °C (°F) -40(-40)~105(221) Stripping length mm 10-12 Color (please contact sales for other color requirements) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Bridge (2-10P 20P) DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB3-3.5 DFB0-3.5 DFB20-3.5 End cover D-DSIO1.5/4-1 Partition plate / Top marker ZB6 / ZS6 Marker support / DLM2 / KLM3-20x8 / KLM3-44x8 | Rated voltage | V | 250 300 | | | |
| Solid Stranded Femule (with and without plastic sleeve) | Rated current | А | 20 10 | | | |
| 1 conductor | Rated cross section mm ² | /AWG | | 0.2-4 | 2 | 6-12 |
| 2 flexible conductors with a TWIN ferrule mm² — — — — — — — — — — — — — — — — — — | Connection capacity | | Solid | Stranded Fe | errule (with and withou | it plastic sleeve) |
| General Information Insulation material/Flammability rating (according to UL 94) Operation temperatures **C (*F)** -40(-40)~105(221) Stripping length mm 10-12 Color Orange (please contact sales for other color requirements) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) Bridge (2-10P 20P) DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB6-3.5 DFB6-3.5 DFB7-3.5 DFB7-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 End cover D-DSIO1.5/4-1 Partition plate / Top marker ZB6 / ZS6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | 1 conductor | mm² | 0.2-4 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 |
| Insulation material/Flammability rating (according to UL 94) PA/V0 | 2 flexible conductors with a TWIN ferrule | mm² | _ | _ | - | 0.5 |
| Accessories C (°F) -40(-40)~105(221) -40 | General Information | | | | | |
| Stripping length | | | | P | A/V0 | |
| Color (please contact sales for other color requirements) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm | Operation temperatures °C | C(°F) | -40(-40)~105(221) | | | |
| Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) Bridge (2-10P 20P) DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB5-3.5 DFB6-3.5 DFB7-3.5 DFB7-3 | Stripping length | mm | 10-12 | | | |
| Solted screwdriver size (Blade thickness x Width) mm | Color | | Orange (please contact sales for other color requirements) | | | |
| Slotted screwdriver size (Blade thickness x Width) mm | Accessories | | | | | |
| DFB2-3.5 DFB3-3.5 DFB4-3.5 DFB6-3.5 DFB6-3.5 DFB6-3.5 DFB7-3.5 | Ferrule | | | | 1 | |
| ### DFB7-3.5 DFB9-3.5 DFB9-3.5 DFB10-3.5 DFB20-3.5 DFB20 | | mm | | 0. | 6x3.5 | |
| Partition plate / Top marker ZB6 / ZS6 Side marker ZK6 / ZSF6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Bridge (2-10P 20P) | | | | | |
| Top marker ZB6 / ZS6 Side marker ZK6 / ZSF6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | End cover | | | D-DSI | O1.5/4-1 | |
| Top marker ZB6 / ZS6 Side marker ZK6 / ZSF6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Partition plate | | | | 1 | |
| Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | | | | ZB6 | i / ZS6 | |
| Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Side marker | 22223. | | ZK6 | / ZSF6 | |
| marker support | Marker support | | | | 1 | |
| End clamp E-PC 1100A / E-WS N | | T | | DLM2 / KLM3- | 20x8 / KLM3- | 44x8 |
| | End clamp | 鯯 | | E-PC 110 | 0A / E-WS N | |

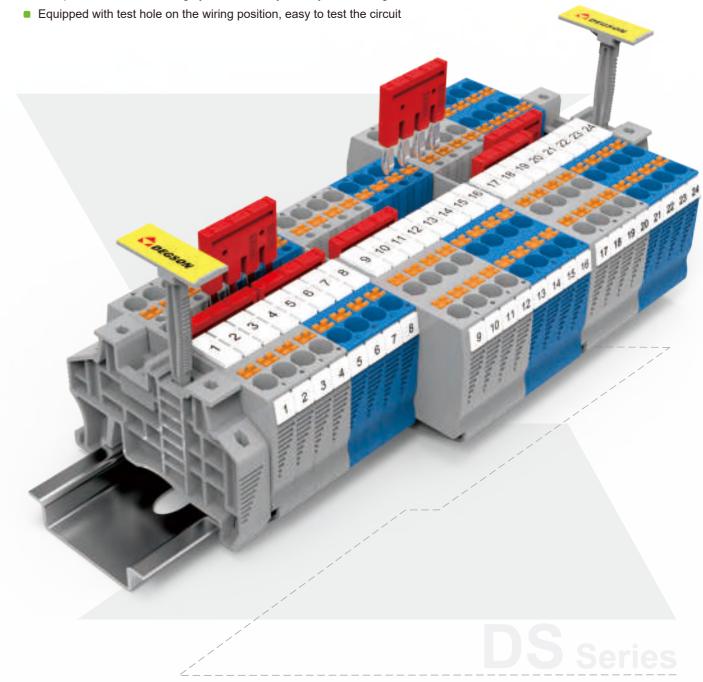


DS Series



DS Component Terminal Blocks

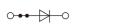
- DS diode terminal blocks can reach tool free wiring with the Push-in connection technology; Easy to remove the cable by push the orange button
- With diode element,can realize unidirectional conduction of the circuit
- Double-channel bridging design and 2-20 poles bridges reach the flexible distribution of potentials
- Compatible with the marking system to clearly identify the working area



Component terminal blocks







DS2.5-LD L-R



DS2.5-LD R-L

C€ EHE ROHS REACH

| | FAC | RoHS | | OII |
|-----|-------|-------|-----|------|
| (- | PHI I | KIIH\ | ĸ⊨n | II.H |
| | | | | |

| Order NO. | | 11040 | 000232 | 11040000233 | | 3 | | |
|--|--|---|--|--------------------------------|--|--|-----------|--|
| Width/Length/Height(NS35/7.5& | NS35/15) mm | 5.2/48.6/3 | 3.75(44.25) | | 5.2/48.6/36.75(44 | 4.25) | | |
| Electrical Data | | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947 | <i>?-</i> 7-1 | UL UL1059 | | |
| Rated voltage | V | | 50 wn voltage 1.3KV) | (Rev | 250 verse breakdown volta | age 1.3KV) | | |
| Rated current | А | (The brand of | 1 Jiode is BY133, ent of 1A) | C | 1 The brand of diode is with current of 1 <i>1</i> | BY133, A) | | |
| Rated cross section | mm²/AWG | 0.14-4 | 26-12 | 0.14-4 | 4 | 26-12 | | |
| Connection capacity | | Solid Stranded Fe | rule (with and without plastic sleeve) | Solid St | randed Ferrule (with a | and without plastic sleeve) | | |
| 1 conductor | mm² | 0.14-4 0.14-2.5 | 0.14-2.5 0.14-2.5 | 0.14-4 | 0.14-2.5 0.14 | 4-2.5 0.14-2.5 | | |
| 2 flexible conductors with a TWII | N ferrule mm ² | | - 0.5 | _ | | - 0.5 | | |
| General Information | | | | | | | | |
| Insulation material/Flammabili (according to UL 94) | ty rating | PA | /V0 | | PA/V0 | | | |
| Operation temperatures | °C (°F) | -40(-40)- | -40(-40)~105(221) -40(-40)~105(221) | | |)~105(221) | | |
| Stripping length | mm | 10 | -12 | 10-12 | | | | |
| Color | | Grey, F (please contact sales for | ted, Blue other color requirements) | (please conta | Grey, Red, Blu ct sales for other o | ie color requirements) | | |
| Accessories | | | | | | | | |
| Ferrule | | | I | | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | 10- | 12 | | 10-12 | | | |
| Bridge (2-10P 20P) | 1111 | DFB2-5.2 DFB3-5.2 DFB4 DFB7-5.2 DFB8-5.2 DFB9 | -5.2 DFB5-5.2 DFB6-5.2 -5.2 DFB10-5.2 DFB20-5.2 | DFB2-5.2 DFB3 DFB7-5.2 DFB8 | | DFB5-5.2 DFB6-5.2 DFB10-5.2 DFB20-5.2 | | |
| End cover | | D-D | S2.5 | | D-DS2.5 | | | |
| Partition plate | | | I | | 1 | | | |
| Top marker | 0.52.5.19.79900 4.84.8.8.8.8.9.1.10 | ZB5 / ZS5 | | ZB5 / ZS5 | | | ZB5 / ZS5 | |
| Side marker | 50000000000 | ZK5 / | ZSF5 | | ZK5 / ZSF5 | | | |
| Marker support | して | DTH5-25x5 / | DTH5-25x12 | רם | ΓΗ5-25x5 / DTH5 | i-25x12 | | |
| Terminal strip marker support | IT | DLM2 / KLM3-2 | 0x8 / KLM3-44x8 | DLM2 | / KLM3-20x8 / F | KLM3-44x8 | | |
| End clamp | 阿姆 | E-PC 1100 | OA / E-WS N | ı | E-PC 1100A / E- | WSN | | |





Push-in connection technology

Component terminal blocks





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DS2.5-TW-LD L-R

DS2.5-TW-LD R-L

C€ EHE ROHS REACH

C€ EHE ROHS REACH

| Oı | rder NO. | | 11040000199 | | | 11040000200 | |
|-----|---|---|-------------------------------|---|--|---|--|
| Wi | dth/Length/Height(NS3 | 5/7.5&NS35/15) mm | 5.2/60.5/36.75(44.25) | | 5.2 | (60.5/36.75(44.25) | |
| EI | ectrical Data | | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7- | UL 1 UL1059 | |
| Ra | ted voltage | V | | 300 down voltage 1.3KV) | (Reverse | 300 breakdown voltage 1.3KV) | |
| Ra | ted current | А | (The brand o | 1 of diode is BY133, urrent of 1A) | (The b | 1 rand of diode is BY133, vith current of 1A) | |
| Ra | ted cross section | mm²/AWG | 0.14-4 | 26-12 | 0.14-4 | 26-12 | |
| Co | onnection capacity | | Solid Stranded | Ferrule (with and without plastic sleeve) | Solid Strand | led Ferrule (with and without plastic sleeve) | |
| 1 0 | conductor | mm² | 0.14-4 0.14-2.5 | 0.14-2.5 0.14-2.5 | 0.14-4 0.1 | 4-2.5 0.14-2.5 0.14-2.5 | |
| 2 f | lexible conductors with | a TWIN ferrule mm ² | | - 0.5 | | 0.5 | |
| Ge | eneral Information | | | | | | |
| | sulation material/Flami ccording to UL 94) | nability rating | | PA/V0 | | PA/V0 | |
| Op | peration temperatures | °C (°F) | -40(-4 | 0)~105(221) | -40(-40)~105(221) | | |
| Str | ripping length | mm | | 10-12 | 10-12 | | |
| Co | olor | | Grey (please contact sales | y, Red, Blue for other color requirements) | (please contact s | Grey, Red, Blue ales for other color requirements) | |
| Ad | ccessories | | | | | | |
| Fe | rrule | | | 1 | | 1 | |
| | otted screwdriver size lade thickness x Width) | mm | 1 | 10-12 | 10-12 | | |
| Br | ridge (2-10P 20P) | 1111 | | B4-5.2 DFB5-5.2 DFB6-5.2 B9-5.2 DFB10-5.2 DFB20-5.2 | DFB2-5.2 DFB3-5.2 DFB7-5.2 DFB8-5.2 | DFB4-5.2 DFB5-5.2 DFB6-5.2 DFB9-5.2 DFB10-5.2 DFB20-5.2 | |
| En | d cover | | D-[| DS2.5-TW | | D-DS2.5-TW | |
| Pa | rtition plate | | | 1 | | 1 | |
| То | p marker | 151218205E | ZB | 85 / ZS5 | | ZB5 / ZS5 | |
| Sic | de marker | 52-11-11-11-11-11-11-11-11-11-11-11-11-11 | ZK | 5 / ZSF5 | | ZK5 / ZSF5 | |
| Ma | arker support | てて | DTH5-25x | 5 / DTH5-25x12 | DTH5 | -25x5 / DTH5-25x12 | |
| | rminal strip arker support | TIT | DLM2 / KLM3 | 3-20x8 / KLM3-44x8 | DLM2 / F | (LM3-20x8 / KLM3-44x8 | |
| En | d clamp | 侧侧侧 | E-PC 1 | 100A / E-WS N | E-P | C 1100A / E-WS N | |
| | | | | | | | |

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Fuse terminal blocks









DS4-HE-LD250

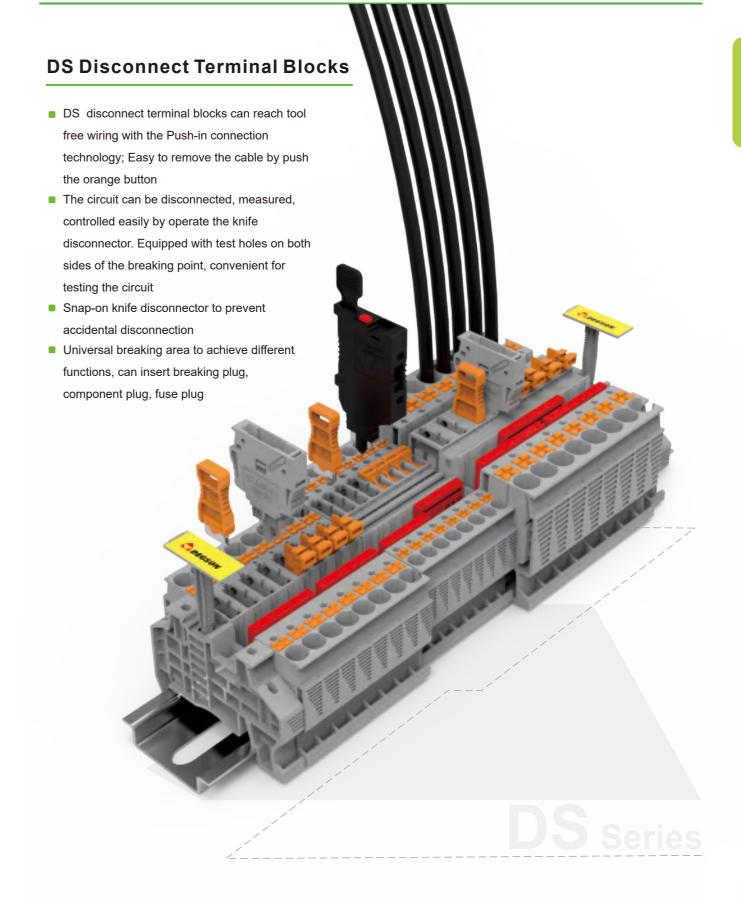
C € EME ROHS REACH

C€ EHI ROHS REACH

| | CE TUL HOUS DEAGU | CE TUL HOUS NEARL |
|--|---|---|
| Order NO. | 11040000191 | 11040000164 |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 6.2/55.6/36.8(44.3) | 6.2/55.6/36.8(44.3) |
| Electrical Data | IEC IEC60947-7-3 | IEC IEC60947-7-3 |
| Rated voltage V | 60 (Led voltage range 30-60V) | 250 (Led voltage range 110-250V) |
| Rated current A | 6.3 | 6.3 |
| Rated cross section mm ² /AWG | 0.2-6 24-10 | 0.2-6 24-10 |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) |
| 1 conductor mm ² | 0.2-6 0.2-4 0.2-4 0.2-4 | 0.2-6 0.2-4 0.2-4 0.2-4 |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | 0.5-1 |
| General Information | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | -40(-40)~105(221) |
| Stripping length mm | 11-13 | 11-13 |
| Color | Black (please contact sales for other color requirements) | Black (please contact sales for other color requirements) |
| Accessories | | |
| Ferrule | I | I |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 |
| Bridge (2-10P) | DFB2-6.2 DFB3-6.2 DFB4-6.2 DFB5-6.2 DFB6-6.2 DFB7-6.2 DFB8-6.2 DFB9-6.2 DFB10-6.2 | DFB2-6.2 DFB3-6.2 DFB4-6.2 DFB5-6.2 DFB6-6.2 DFB7-6.2 DFB8-6.2 DFB9-6.2 DFB10-6.2 |
| End cover | D-DS4-HE | D-DS4-HE |
| Partition plate | I | I |
| Top marker | ZB6 / ZS6 | ZB6 / ZS6 |
| Side marker | ZK6 / ZSF6 | ZK6 / ZSF6 |
| Marker support | I | 1 |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N |







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technology





Push-in connection

Component terminal blocks

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DS2.5-QU-LD R-L DS2.5-QU-LD L-R

C € EHE ROHS REACH C€ EHE ROHS REACH

| | | CC LIIL HOHS HEADH | | | CC LIIL HOUS HEROH | | | |
|--|------------|--|---|-------------------------|---|---|----------------------|-------------------------------|
| Order NO. | | 11040000242 | | | | 110400 | 00243 | |
| Width/Length/Height(NS35/7.5&NS35/15) | mm | 5.2/72.2/36.75(44.25) | | | | 5.2/72.2/36 | .75(44.25) | |
| Electrical Data | | IEC IEC60947-7-1 | UI UL1 | | | EC 1947-7-1 | | UL .1059 |
| Rated voltage | V | (Reverse br | 250 eakdown voltage 1.3KV | | | 250 (Reverse breakdown voltage 1.3KV) | | |
| Rated current | Α | (The bra | 1 nd of diode is BY133, th current of 1A) | | | 1 (The brand of diode is BY133, with current of 1A) | | |
| Rated cross section mm ² /A | WG | 0.14-4 | 26- | 12 | 0. | 0.14-4 26-12 | | |
| Connection capacity | | Solid Stranded | d Ferrule (with and without p | lastic sleeve) | Solid | Stranded Ferr | ule (with and withou | ut plastic sleeve) |
| 1 conductor | mm² | 0.14-4 0.14-2 | 2.5 0.14-2.5 | 0.14-2.5 | 0.14-4 | 0.14-2.5 | 0.14-2.5 | 0.14-2.5 |
| 2 flexible conductors with a TWIN ferrule | mm² | | - | 0.5 | _ | _ | _ | 0.5 |
| General Information | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | PA/V0 | | | PA | V0 | |
| Operation temperatures °C (| (°F) | -40(| -40)~105(221) | | -40(-40)~105(221) | | | |
| Stripping length | mm | | 10-12 | | 10-12 | | | |
| Color | | Gr (please contact sale | rey, Red, Blue es for other color req | uirements) | Grey, Red, Blue (please contact sales for other color requirements | | | equirements) |
| Accessories | | | | | | | | |
| Ferrule | | I | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | 10-12 | | | | 10- | 12 | |
| Bridge (2-10P 20P) | | DFB2-5.2 DFB3-5.2 I DFB7-5.2 DFB8-5.2 I | | DFB6-5.2 2 DFB20-5.2 | | FB3-5.2 DFB4- FB8-5.2 DFB9- | | 5.2 DFB6-5.2 5.2 DFB20-5.2 |
| End cover | 0 | D | D-DS2.5-QU | | | D-DS2 | .5-QU | |
| Partition plate | | 1 | | | | I | | |
| Top marker | Top marker | | | ZB5 / ZS5 | | | ZS5 | |
| Side marker | 223. | ZK5 / ZSF5 | | | | ZK5 / ZSF5 | | |
| Marker support | Ţ | DTH5-25 | 5x5 / DTH5-25x12 | | | DTH5-25x5 / | DTH5-25x12 | 2 |
| Terminal strip marker support | T | DLM2 / KL | M3-20x8 / KLM3-4 | 4x8 | DI | .M2 / KLM3-20 | x8 / KLM3-4 | 44x8 |
| End clamp | 緬 | E-PC | 1100A / E-WS N | | | E-PC 1100/ | A / E-WS N | |





Index List

| | Reduc | ing bridging v | vith standard | DS feed-thro | ugh terminal b | olocks |
|----------------|-----------------------|----------------|-----------------------|---------------------|----------------|----------------|
| Supply | | Pick-off | | Single-sided supply | Central supply | |
| Terminal block | Cross section(mm²) | Terminal block | Cross section(mm²) | Imax(A) | Imax(A) | Bridges |
| DS2.5 | 2.5 | DS1.5 | 1.5 | 24 | 30 | DFB2.5/4-1.5 |
| DS4 | 4 | DS1.5 | 1.5 | 24 | 40 | DFB2.5/4-1.5 |
| | | DS2.5 | 2.5 | 40 | 40 | DFB2.5 or DFB4 |
| DS6 | 6 | DS1.5 | 1.5 | 24 | 48 | DFB6-1.5 |
| | | DS2.5 | 2.5 | 40 | 56 | DFB6-2.5/4 |
| | | DS4 | 4 | 45 | 56 | |
| DS10 | 10 | DS1.5 | 1.5 | 24 | 48 | DFB10-1.5 |
| | | DS2.5 | 2.5 | 40 | 65 | DFB10-2.5/4 |
| | | DS4 | 4 | 45 | 65 | |
| DS16 | 16 | DS1.5 | 1.5 | 24 | 48 | DFB16-1.5 |
| | | DS2.5 | 2.5 | 40 | 80 | DFB16-2.5/4 |
| | | DS4 | 4 | 45 | 90 | |

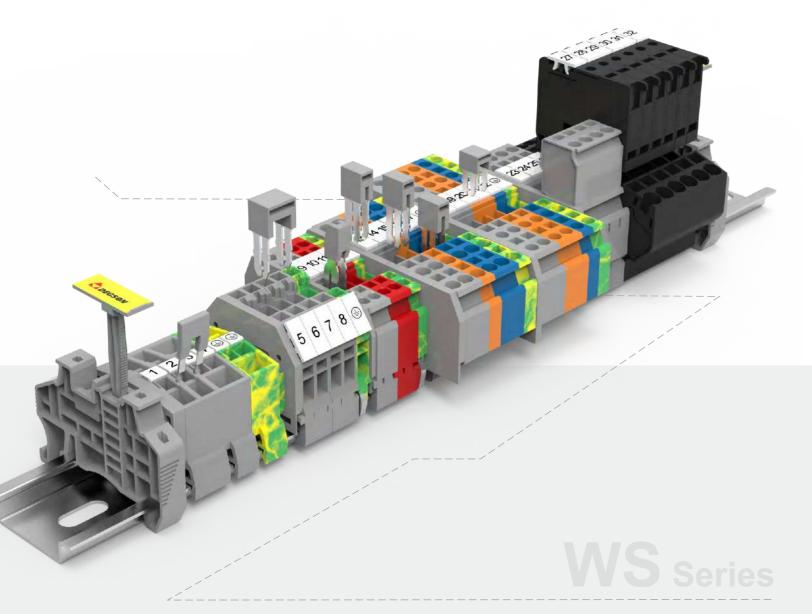
WS Series

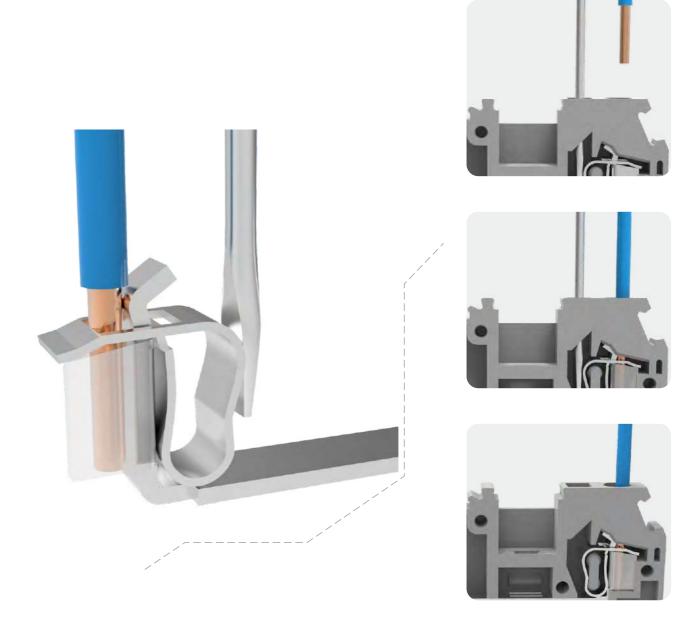
WS-Spring-cage Connection Terminal Blocks

Feature

DEGSON

- Proven Spring-cage connection technology with excellent seismic performance
- The spring compression force is constant, and the connection is stable and reliable.
- Pluggable bridge, high circuit connection efficiency
- Large area identification space, clear wiring





WS-Spring-cage connection terminal blocks adopt high-quality alloy structure, provide reliable and durable connection products. At the same time, the proven Spring-cage connection terminal blocks has excellent seismic performance and excellent performance in high vibration occasions such as railway, ship and equipment manufacturing. PA66 plastic parts can meet the working environment of -40°C to 105°C.

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WS series

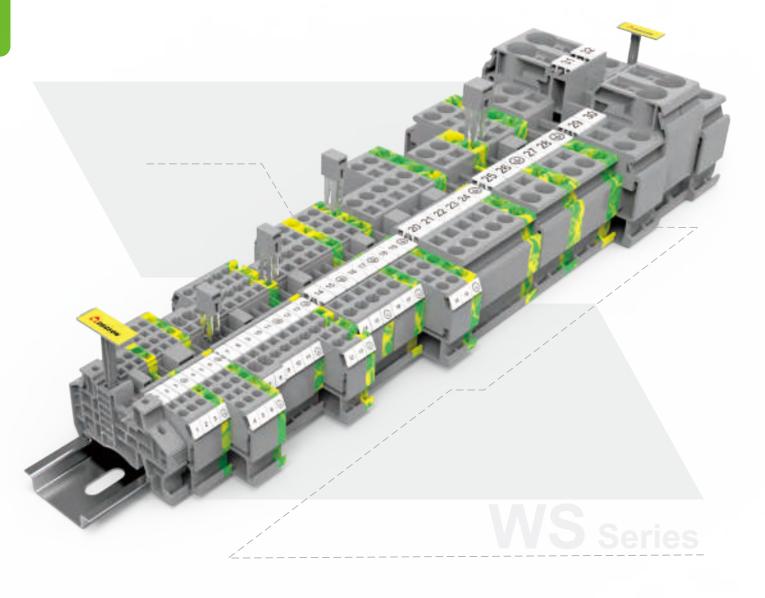
DEGSON

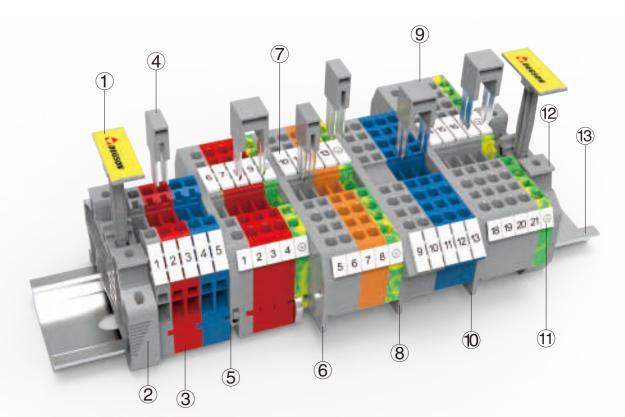
WS Feed-through Terminal Blocks

- WS feed-through terminal blocks, with spring-cage connection technology ensure the good performance on anti-vibration
- Compact design saves space

DEGSON

Compatible with the marking system to clearly identify the working area





| Description | Part No. | Remark |
|-------------------|---------------------------|--|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 Terminal blocks | WS1.5-SD-01P-11-00A(H) | Spring-cage type 1.5mm ² DIN Rail terminal blocks |
| Adjacent jumper | WFA1.5-01P-11-00A(H) | 02P bridge, use for WS1.5 series |
| ⑤ End cover | D-WS1.5-01P-11-00A(H) | End cover is used for WS1.5&WS1.5-PE |
| 6 End cover | D-WS1.5-TW-01P-11-00A(H) | End cover is used for WS1.5-TW&WS1.5-TW-PE |
| ⑦ Marker | ZB4-10P-19-00A(H) | Marker is used for the top of WS1.5 series |
| End cover | D-WS1.5-QU-01P-11-100A(H) | End cover is used for WS1.5-QU-100A(H) |
| Alternate jumper | WFB1.5-01P-11-00A(H) | 02P bridge, use for WS1.5 series |
| 10 End cover | D-WS1.5-QU-01P-11-00A(H) | End cover is used for WS1.5-QU-100A(H) |
| ① Marker | DEK4-50P-19-00A(H) | Marker is used for the side of WS1.5 series |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 13 DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | | | | |
|-----------------|-------|-------------------------------|---|-----------------------|-------------|--------------------------|
| - | 0 | Connection point for wiring | - | Fuse connection | ~ ~∘ | Disconnecting |
| | • | Connection point for bridging | - | Resistance connection | • | Circuit connection point |
| · - | LA PA | LED light connection | Ī | Grounding connection | + | Diode connection |



Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks



WS1.5



WS1.5-PE



¢**\$N**°us C€ EHE ROHS REACH

| | ГПГ | DALLC | DEA | CU |
|----|-----|-------|-----|----|
| C€ | CUL | RoHS | NEA | ьп |

| Order NO. | | 1 | 11030000064 | | | | | |
|--|--|---------------------|---|--------------------|--------------------------|-------------------|-------------------------|-------------------|
| Width/Length/Height(NS35/7.58 | kNS35/15) mm | 4/5 | | 4/51.8/3 | 4.55(42.05) | | | |
| Electrical Data | | IEC IEC60947-7-7 | UI | UL UL1059 | | IEC 0947-7-2 | UL UL1059 | |
| Rated voltage | V | 800 | | 600 | | 1 | | 1 |
| Rated current | А | 18 | | 10 | | 1 | | 1 |
| Rated cross section | mm²/AWG | 0.2-1.5 | 2 | 8-16 | 0. | 2-1.5 | 28 | 3-16 |
| Connection capacity | | Solid Strand | ed Ferrule (with and witho | ut plastic sleeve) | Solid | Stranded Fe | rrule (with and without | t plastic sleeve) |
| 1 conductor | mm² | 0.2-1.5 0.2 | 1.5 0.2-1.5 | 0.2-1 | 0.2-1.5 | 0.2-1.5 | 0.2-1.5 | 0.2-1 |
| 2 flexible conductors with a TWI | N ferrule mm ² | | | 0.5 | - | _ | - | 0.5 |
| General Information | | | | | | | | |
| Insulation material/Flammabil (according to UL 94) | ity rating | | PA/V0 | | | P | A/V0 | |
| Operation temperatures | ration temperatures °C (°F) | | -40(-40)~105(221) | | | -40(-40)~105(221) | | |
| Stripping length | mm | 8-9 | | 8-9 | | | | |
| Color | | (please contact sa | Grey, Red, Blue ales for other color r | equirements) | Yellow green mixed color | | | |
| Accessories | | | | | | | | |
| Ferrule | | I | | | I | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | 0.4x2.5 | | | 0.4x2.5 | | | |
| Adjacent jumper | II | | WFA1.5 | | 1 | | | |
| Alternate jumper | 7 | WFB1.5 | | | 1 | | | |
| Staggered jumper | | | 1 | | 1 | | | |
| End cover | | | D-WS1.5 | | D-WS1.5 | | | |
| Partition plate | | | 1 | | | | 1 | |
| Top marker | ATTENTION OF THE PARTY OF THE P | | ZB4 / WB4 | | | ZB4 | / WB4 | |
| Side marker | | DEK4 | | | | D | EK4 | |
| Warning cover | 33333 | | EEA1.5 | | | EE | A1.5 | |
| Marker support | てて | DTH3.5-2 | 25x3.5 / DTH3.5-28 | 5x12 | 1 | DTH3.5-25x3.5 | / DTH3.5-25 | x12 |
| Terminal strip marker support | | DLM2 / F | KLM3-20x8 / KLM3 | -44x8 | D | LM2 / KLM3-2 | 20x8 / KLM3-4 | 4x8 |
| End clamp | 侧侧 | E-P | E-PC 1100A / E-WS N | | E-PC 1100A / E-WS N | | | |





Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





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WS1.5-TW



WS1.5-TW-PE

c**\$N**°us C€ EHE ROHS REACH

C € ERE ROHS REACH

| | CARLOS CC LIIL HOHO HEADH | | | | CC LIIL HOHS HEADH | | | | |
|--|---------------------------|-----------|--------------------------|--------------------------------|--------------------|--------------------------|-------------|---------------------------|--------------------|
| Order NO. | Order NO. | | 1103000077 | | | | 110 | 30000080 | |
| Width/Length/Height(NS35/7.5&NS35/1 | 5) mm | | 4/62.5/3 | 4.55(42.05) | | 4/62.5/34.55(42 | | /34.55(42.05) | |
| Electrical Data | | | EC)947-7-1 | | JL 1059 | IEC IEC60947-7-2 | | U | UL L1059 |
| Rated voltage | V | | 300 | 6 | 00 | 1 | | | 1 |
| Rated current | А | | 18 | | 10 | 1 | | / | |
| Rated cross section m | ım²/AWG | 0.2 | 2-1.5 | 28 | -16 | 0.2-1.5 28- | | 8-16 | |
| Connection capacity | | Solid | Stranded F | errule (with and withou | t plastic sleeve) | Solid | Stranded | Ferrule (with and without | ut plastic sleeve) |
| 1 conductor | mm² | 0.2-1.5 | 0.2-1.5 | 0.2-1.5 | 0.2-1 | 0.2-1.5 | 0.2-1.5 | 0.2-1.5 | 0.2-1 |
| 2 flexible conductors with a TWIN ferrule | mm ² | _ | _ | _ | 0.5 | _ | _ | _ | 0.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | 9 | | Р | A/V0 | | | | PA/V0 | |
| Operation temperatures | °C (°F) | | -40(-40 |)~105(221) | | -40(-40)~105(221) | | | |
| Stripping length | mm | | | 8-9 | | 8-9 | | | |
| Color | | (please c | Grey, ontact sales fo | Red, Blue or other color re | quirements) | Yellow green mixed color | | r | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | / | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0. | 4x2.5 | | | | 0.4x2.5 | |
| Adjacent jumper | II. | | W | FA1.5 | | | | / | |
| Alternate jumper | 7 | | W | FB1.5 | | | | / | |
| Staggered jumper | | | | 1 | | | | / | |
| End cover | - | | D-WS | 31.5-TW | | | D-V | VS1.5-TW | |
| Partition plate | | | | 1 | | | | 1 | |
| Top marker | | | ZB4 | / WB4 | | ZB4 / WB4 | | | |
| Side marker | | | С | EK4 | | DEK4 | | | |
| Warning cover | 111 | | E | EA1.5 | | EEA1.5 | | | |
| Marker support | Ţ | С | TH3.5-25x3. | 5 / DTH3.5-25 | < 12 | |)TH3.5-25x3 | 3.5 / DTH3.5-2 | 5x12 |
| Terminal strip marker support | TT | D | LM2 / KLM3- | 20x8 / KLM3- | 14x8 | D | LM2 / KLM3 | 3-20x8 / KLM3- | 44x8 |
| End clamp | 他的 | | E-PC 110 | 00A / E-WS N | | E-PC 1100A / E-WS N | | | |

-63-

End clamp

Spring-cage connection technology



E-PC 1100A / E-WS N

Feed-through, multi-conductor and ground terminal blocks

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WS1.5-QU

WS1.5-QU-100A(H)

| | VV | 31.5-QU | WS1.5-QU-100A(H) | | | |
|--|----------------------------------|---|---|---|--|--|
| | C€ EHE ROHS REACH | | C € EHE ROHS REACH | | | |
| Order NO. | 1103 | 0000065 | 1103000068 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 4/73/34 | 4.55(42.05) | 4/73/34.55(42.05) | | | |
| Electrical Data | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-1 | UL UL1059 | | |
| Rated voltage V | 800 | 600 | 800 | 600 | | |
| Rated current A | 18 | 10 | 18 | 10 | | |
| Rated cross section mm ² /AWG | 0.2-1.5 | 28-16 | 0.2-1.5 | 28-16 | | |
| Connection capacity | Solid Stranded | Ferrule (with and without plastic sleeve) | Solid Stranded | Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.2-1.5 0.2-1.5 | 0.2-1.5 0.2-1 | 0.2-1.5 0.2-1.5 | 0.2-1.5 0.2-1 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | | - 0.5 | | - 0.5 | | |
| General Information | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | F | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}\text{C}(^{\circ}\text{F})$ | -40(-40 | 0)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | | 8-9 | 8-9 | | | |
| Color | Grey, (please contact sales f | Red, Blue or other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | | |
| Accessories | | | | | | |
| Ferrule | | 1 | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | 0 | .4x2.5 | C |).4x2.5 | | |
| Adjacent jumper | W | /FA1.5 | WFA1.5 | | | |
| Alternate jumper | w | /FB1.5 | v | VFB1.5 | | |
| Staggered jumper | | I | | 1 | | |
| End cover | D-W | \$1.5-QU | D-W | /S1.5-QU | | |
| Partition plate | | I | | 1 | | |
| Top marker | ZB4 | 4 / WB4 | | 1 | | |
| Side marker | 1 | DEK4 | ZB | 4 / WB4 | | |
| Warning cover | E | EA1.5 | E | EEA1.5 | | |
| Marker support | DTH3.5-25x3. | 5 / DTH3.5-25x12 | DTH3.5-25x3 | .5 / DTH3.5-25x12 | | |
| Terminal strip marker support | DLM2 / KLM3 | -20x8 / KLM3-44x8 | DLM2 / KLM3 | -20x8 / KLM3-44x8 | | |
| AL HAN | | | | | | |

E-PC 1100A / E-WS N

Spring-cage connection technology

DEGSON

Feed-through, multi-conductor and ground terminal blocks



WS1.5-QU-PE

C€ EHE ROHS REACH

| Order NO. | | | 110300 | 000070 | | |
|---|-------------------------|------------------------------|--------------|------------------------|-----------------|--|
| Width/Length/Height(NS35/7.5&N | IS35/15) mm | 4/73/34.55(42.05) | | | | |
| Electrical Data | | IEC IEC6094 | | UL UL1059 | | |
| Rated voltage | V | 1 | | | / | |
| Rated current | А | 1 | | | / | |
| Rated cross section | mm²/AWG | 0.2-1 | .5 | 28 | -16 | |
| Connection capacity | | Solid S | Stranded Fen | rule (with and without | plastic sleeve) | |
| 1 conductor | mm² | 0.2-1.5 | 0.2-1.5 | 0.2-1.5 | 0.2-1 | |
| 2 flexible conductors with a TWIN | ferrule mm ² | _ | _ | _ | 0.5 | |
| General Information | | | | | | |
| Insulation material/Flammability (according to UL 94) | rating | PA/V0 | | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | | |
| Stripping length | mm | 8-9 | | | | |
| Color | | Yellow green mixed color | | | | |
| Accessories | | | | | | |
| Ferrule | | | | I | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | 0.4x2.5 | | | | |
| Adjacent jumper | 1 | | | l | | |
| Alternate jumper | 7 | | | I | | |
| Staggered jumper | | | | 1 | | |
| End cover | - | | D-WS1 | 1.5-QU | | |
| Partition plate | | | | I | | |
| Top marker | MARKA | | ZB4 | WB4 | | |
| Side marker | | DEK4 | | | | |
| Warning cover | 33333 | | EE | A1.5 | | |
| Marker support | T, T, | DTH3.5-25x3.5 / DTH3.5-25x12 | | | | |
| Terminal strip marker support | T | DLM2 / KLM3-20x8 / KLM3-44x8 | | | | |
| End clamp | 仙鱼 | | E-PC 1100 | A / E-WS N | | |



Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks



WS1.5-DB





WS1.5-DB-11A(H)

| o sa us 📤 C € EHC ROHS REACH | o sl us 📤 C € EHC ROHS REACH |
|-------------------------------------|-------------------------------------|

| Order NO. | | 11030000035 | | | | 11030000326 | | | |
|--|------|-------------------|----------------------|---------------------------------|----------------------|---|---------------------|------------------------|----------------------|
| Width/Length/Height | mm | 5/25/17 | | | | | 5/25/17 | | |
| Electrical Data | | IEC | IEC IEC60947-7-1 | | UL UL1059 | | IEC IEC60947-7-1 | | UL JL1059 |
| Rated voltage | V | | 800 | | 300 | | 800 | | 300 |
| Rated current | Α | | 17.5 | | 10 | | 17.5 | | 10 |
| Rated cross section mm ² /F | AWG | 0. | .2-1.5 | | 28-16 | 0. | .2-1.5 | | 28-16 |
| Connection capacity | | Solid | Stranded | Ferrule (with and with | nout plastic sleeve) | Solid | Stranded | Ferrule (with and with | nout plastic sleeve) |
| 1 conductor | mm² | 0.2-15 | 0.2-1.5 | 0.2-1.5 | 0.2-1.5 | 0.2-15 | 0.2-1.5 | 0.2-1.5 | 0.2-1 |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | _ | _ | 0.5 | _ | - | - | 0.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | | PA/V0 | | PA/V0 | | | |
| Operation temperatures °C | (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | | | 8-9 | | 8-9 | | | |
| Color | | (please | Gre contact sales | y, Red, Blue for other color | requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | | requirements) |
| Accessories | · | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | | 0.4x2.5 | | | | 0.4x2.5 | |
| End cover | | | D-W | /S1.5-DB | | D-WS1.5-DB | | | |
| Partition plate | | | | 1 | | | | 1 | |
| Marker (Side) | | DEK5 | | 1 | | | | | |
| Warning cover | | I | | | | 1 | | | |
| DIN rail mounting adapter | - | WHH-WS1.5-DB | | ı | | | | | |
| Terminal strip marker support | | | | 1 | | | | 1 | |
| End clamp | | | | 1 | | | | 1 | |





Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





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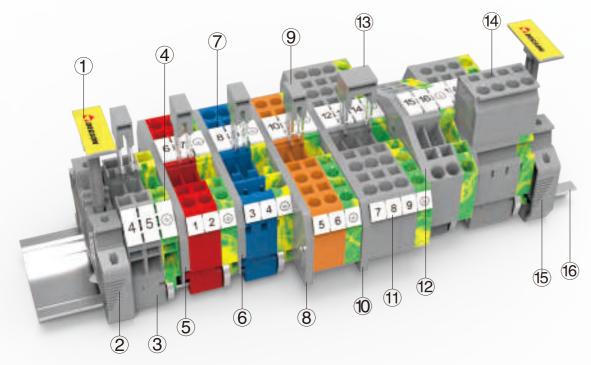
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WS1.5T-DB

WS1.5T-DB-11A(H)

| *************************************** | | | | | •••• | .0. 55 | , .(, | |
|--|------------------------------|--|--------------|--|----------------|---|-------------|--|
| | PA us △ C€ EHI | ROHS REACH | | c SU [®] us 🕸 | C€ EHE RoH | S REACH | | |
| Order NO. | 1 | 11030000072 | | | 11030000393 | | | |
| Width/Length/Height mm | | 8/25/17 | | | 8/2 | 25/17 | | |
| Electrical Data | IEC IEC60947-7-1 | UL UL105 | 59 | | EC)947-7-1 | | JL 1059 | |
| Rated voltage V | 800 | 300 | | 8 | 300 | 3 | 00 | |
| Rated current A | 17.5 | 10 | | 1 | 7.5 | 1 | 10 | |
| Rated cross section mm ² /AWG | 0.2-1.5 | 28-16 | 6 | 0.2 | 2-1.5 | 28-16 | | |
| Connection capacity | Solid Strand | ed Ferrule (with and without plas | stic sleeve) | Solid | Stranded Fe | Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.2-1.5 0.2- | 1.5 0.2-1.5 | 0.2-1.5 | 0.2-1.5 | 0.2-1.5 | 0.2-1.5 | 0.2-1 | |
| 2 flexible conductors with a TWIN ferrule mm ² | | | 0.5 | _ | - | _ | 0.5 | |
| General Information | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | | PA/V0 | | | |
| Operation temperatures $^{\circ}\!C$ ($^{\circ}\!F$) | -40 | 0(-40)~105(221) | | -40(-40)~105(221) | | | | |
| Stripping length mm | | 8-9 | | 8-9 | | | | |
| Color | (please contact sa | Grey, Red, Blue les for other color requi | irements) | Grey, Red, Blue (please contact sales for other color requirements | | | quirements) | |
| Accessories | | | | | | | | |
| Ferrule | | 1 | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | | 0.4x2.5 | | 0.4x2.5 | | | | |
| End cover | ı | D-WS1.5-DB | | | D-WS | 1.5-DB | | |
| Partition plate | | 1 | | | | 1 | | |
| Marker (Side) | | DEK4 | | | | 1 | | |
| Warning cover | | 1 | | | ı | | | |
| DIN rail mounting adapter | W | WHH-WS1.5-DB | | | | 1 | | |
| Terminal strip marker support | | 1 | | | | 1 | | |
| End clamp | | 1 | | | | 1 | | |
| | | | | | | | | |





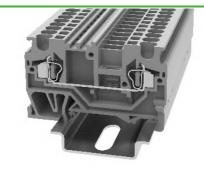
| Description | Part No. | Remark |
|----------------------|-----------------------------|--|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ③ Terminal blocks | WS2.5-SD-01P-11-00A(H) | Spring-cage type 2.5mm ² DIN Rail terminal blocks |
| ④ Marker | ZB5-10P-19-00A(H) | Marker is used for the side of WS2.5-SD series |
| ⑤ End cover | D-WS2.5-01P-11-00A(H) | End cover is used for WS2.5&WS2.5-PE |
| 6 End cover | D-WS2.5P-01P-11-00A(H) | End cover is used for WS2.5P&WS2.5P-PE |
| ⑦ Marker | ZB5-10P-19-00A(H) | Marker is used for the top of WS2.5 series |
| End cover | D-WS2.5-TW-01P-11-00A(H) | End cover is used for WS2.5-TW&WS2.5-TW-PE |
| Adjacent jumper | WFA2.5-01P-11-00A(H) | 02P bridge, use for WS2.5 series |
| ① End cover | D-WS2.5-QU-01P-11-00A(H) | End cover is used for WS2.5-QU&WS2.5-QU-PE |
| ① Marker | DEK5-50P-19-00A(H) | Marker is used for the side of WS2.5 series |
| ② End cover | D-WS2.5-TW-TA-01P-11-00A(H) | End cover is used for WS2.5-TW-TA&WS2.5-TW-TA-PE |
| (3) Alternate jumper | E-WS N-01P-11-00A(H) | 02P bridge, use for WS2.5 series |
| [®] Plug | 8EDGK-5.0-04P-11-01A(H) | Mating with WS2.5P&WS2.5P-PE |
| ® End Clamp | E-WS-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ⑥ DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|---|----------------------------|--------------------------|
| _ | Connection point for wiring | Fuse connection | o →o Disconnecting |
| | Connection point for bridging | - — Resistance connection | Circuit connection point |
| · - | LED light connection | Grounding connection | Diode connection |



DEGSON

Feed-through, multi-conductor and ground terminal blocks









| LANGUS A CE HIL ROHS REACH CAC LANGUS A CE HIL ROHS REACH | .¶ ″us <u>@</u> | C€ EME ROHS | REACH COC | c SN °us ⚠ C€ EHI | ROHS REACH |
|---|------------------------|-------------|-----------|--------------------------|------------|
|---|------------------------|-------------|-----------|--------------------------|------------|

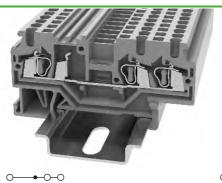
| | c ALL us <u>are</u> CE thi h | IUII3 IILAUII CAC | c Mus 🕮 CE thi hu | IIO IILAUII |
|--|-------------------------------------|--|---------------------|---|
| Order NO. | 110 | 030000106 | 1103 | 30000184 |
| Width/Length/Height(NS35/7.5&NS35/15) | m 5/53 | /35.45(42.95) | 5/53/3 | 5.45(42.95) |
| Electrical Data | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-2 | UL UL1059 |
| Rated voltage | / 800 | 600 | 1 | 1 |
| Rated current | 24 | 15 | 1 | 1 |
| Rated cross section mm ² /AW | 6 0.2-2.5 | 28-14 | 0.2-2.5 | 28-14 |
| Connection capacity | Solid Stranded | Ferrule (with and without plastic sleeve) | Solid Stranded | Ferrule (with and without plastic sleeve) |
| 1 conductor m | n ² 0.2-2.5 0.2-2. | 5 0.2-2.5 0.2-2.5 | 0.2-2.5 0.2-2.5 | 0.2-2.5 0.2-2.5 |
| 2 flexible conductors with a TWIN ferrule m | n² – – | - 0.5 | | - 0.5 |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | PA/V0 |
| Operation temperatures °C (°I |) -40(- | 40)~105(221) | -40(-4 | 0)~105(221) |
| Stripping length | m | 8-9 | | 8-9 |
| Color | Gre (please contact sale | ey, Red, Blue s for other color requirements) | Yellow gre | een mixed color |
| Accessories | | | | |
| Ferrule | | 1 | | 1 |
| Slotted screwdriver size (Blade thickness x Width) | m | 0.4x2.5 | C |).4x2.5 |
| Adjacent jumper | | WFA2.5 | | 1 |
| Alternate jumper | | WFB2.5 | | 1 |
| Staggered jumper | WI 02.0 Z WI 02. | 5-3 WFC2.5-4 WFC2.5-5 5-7 WFC2.5-8 | | 1 |
| End cover | | D-WS2.5 | D | -WS2.5 |
| Partition plate | | 1 | | 1 |
| Top marker | Z | B5 / WB5 | ZB | 5 / WB5 |
| Side marker | ere | DEK5 | | DEK5 |
| Warning cover |) | EEA2.5 | E | EEA2.5 |
| Marker support | DTH5-25 | x5 / DTH5-25x12 | DTH5-25x | 5 / DTH5-25x12 |
| Terminal strip marker support | DLM2 / KLM | M3-20x8 / KLM3-44x8 | DLM2 / KLM3 | -20x8 / KLM3-44x8 |
| End clamp | E-PC | 1100A / E-WS N | E-PC 11 | 00A / E-WS N |

WS Series



Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks







WS2.5-TW

WS2.5-TW-PE

| c AL ®us | ϵ | EHE | RoHS | REACH | Cac |
|-----------------|------------|-----|------|-------|-----|
|-----------------|------------|-----|------|-------|-----|

| ϵ | ERE ROHS REACH | cec | 3) ₃u° 4 | ERE ROHS REACH |
|------------|----------------|-----|-------------------------|----------------|

| Order NO. | | 11030000236 | | | 11030000264 | | | | |
|---|------------|-------------|---------------|-------------------------------|----------------------|---------|----------------|------------------------|---------------------|
| Width/Length/Height(NS35/7.5&NS | 335/15) mm | | 5/64.2/3 | 35.45(42.95) | | | 5/64.2 | /35.45(42.95) | |
| Electrical Data | | | EC 947-7-1 | Ĺ | UL JL1059 | | EC 1947-7-2 | U | UL JL1059 |
| Rated voltage | V | | 00 | | 600 | | 1 | | 1 |
| Rated current | А | | 24 | | 15 | | 1 | | 1 |
| Rated cross section | mm²/AWG | 0.2 | !-2.5 | | 28-14 | 0.: | 2-2.5 | 2 | 8-14 |
| Connection capacity | | Solid | Stranded | Ferrule (with and with | hout plastic sleeve) | Solid | Stranded | Ferrule (with and with | out plastic sleeve) |
| 1 conductor | mm² | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 |
| 2 flexible conductors with a TWIN fe | errule mm² | _ | _ | _ | 0.5 | _ | _ | - | 0.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammability (according to UL 94) | rating | | F | PA/V0 | | | | PA/V0 | |
| Operation temperatures | °C (°F) | | -40(-40 |))~105(221) | | | -40(-4 | 10)~105(221) | |
| Stripping length | mm | | | 9 | | | | 9 | |
| Color | | (please co | | , Red, Blue or other color | requirements) | | Yellow g | reen mixed colo | or |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | / | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0 | .5x3.5 | | | | 0.5x3.5 | |
| Adjacent jumper | | | W | /FA2.5 | | | | 1 | |
| Alternate jumper | 9 | | W | /FB2.5 | | | | 1 | |
| Staggered jumper | 17 | WFC2.5-6 | | 3 WFC2.5-4 7 WFC2.5-8 | | | | 1 | |
| End cover | 16 1 | | D-W | S2.5-TW | | | D-1 | WS2.5-TW | |
| Partition plate | | | | 1 | | | | 1 | |
| Top marker | MARKET | | ZB: | 5 / WB5 | | | ZI | 35 / WB5 | |
| Side marker | | | ı | DEK5 | | | | DEK5 | |
| Warning cover | | | E | EA2.5 | | | | EEA2.5 | |
| Marker support | てて | | DTH5-25x | 5 / DTH5-25x | 12 | | DTH5-25 | (5 / DTH5-25x | 12 |
| Terminal strip marker support | II | D | LM2 / KLM3 | 3-20x8 / KLM | 3-44x8 | DI | LM2 / KLM | 3-20x8 / KLM3 | 3-44x8 |
| End clamp | 加州 | | E-PC 11 | 00A / E-WS | N | | E-PC 1 | 100A / E-WS N | I |





Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





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WS2.5-QU



₽N° US CE EHE ROHS REACH COC

| CE | EHE | RoHS | REACH |
|----|-----|------|-------|

| Order NO. | | 1103 | | 11030000194 | | | |
|---|-----------|-------------------------------|---|--------------------------|---------------------|------------------------|----------------------|
| Width/Length/Height(NS35/7.5&NS3 | 35/15) mm | 5/75.5/ | 35.45(42.95) | | 5/75.5/35.45(42.95) | | |
| Electrical Data | | IEC IEC60947-7-1 | UL UL1059 | | IEC 0947-7-2 | l | UL JL1059 |
| Rated voltage | V | 800 | 600 | | 1 | | / |
| Rated current | А | 24 | 15 | | 1 | | 1 |
| Rated cross section | mm²/AWG | 0.2-2.5 | 28-14 | 0 | .2-2.5 | 2 | 28-14 |
| Connection capacity | | Solid Stranded | Ferrule (with and without plastic sleeve) | Solid | Stranded | Ferrule (with and with | nout plastic sleeve) |
| 1 conductor | mm² | 0.2-2.5 0.2-2.5 | 0.2-2.5 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 |
| 2 flexible conductors with a TWIN fer | rrule mm² | | - 0.5 | _ | - | - | 0.5 |
| General Information | | | | | | | |
| Insulation material/Flammability ra (according to UL 94) | ating | ı | PA/V0 | | | PA/V0 | |
| Operation temperatures | °C (°F) | -40(-40 | | -40(-40)~105(221) | | | |
| Stripping length | mm | | 9 | | | | |
| Color | | Grey (please contact sales | | Yellow green mixed color | | | |
| Accessories | | | | | | | |
| Ferrule | | | 1 | | | / | |
| Slotted screwdriver size (Blade thickness x Width) | mm | 0 | 1.5x3.5 | | | 0.5x3.5 | |
| Adjacent jumper | | V | VFA2.5 | | | / | |
| Alternate jumper | 7 | V | VFB2.5 | | | 1 | |
| Staggered jumper | [7] | | -3 WFC2.5-4 WFC2.5-5 -7 WFC2.5-8 | | | 1 | |
| End cover | | D-W | /S2.5-QU | | D- | WS2.5-QU | |
| Partition plate | | | 1 | | | 1 | |
| Top marker | | ZB | 5 / WB5 | | : | ZB5 / WB5 | |
| Side marker | | | DEK5 | | | DEK5 | |
| Warning cover | 33333 | E | EA2.5 | | | EEA2.5 | |
| Marker support | T, T, | DTH5-25x | 5 / DTH5-25x12 | | DTH5-25 | x5 / DTH5-25x | 12 |
| Terminal strip marker support | | DLM2 / KLM3 | 3-20x8 / KLM3-44x8 | D | DLM2 / KLM | 13-20x8 / KLM3 | 3-44x8 |
| End clamp | 明婚 | E-PC 11 | 100A / E-WS N | | E-PC 1 | 1100A / E-WS | N |
| | ~ ~ | | | | | | |

End clamp



Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks







WS2.5-DB

WS2.5-DB-11A(H)

| . \$1 3° | ROHS REACH | c SN °us ♠ C€ EHL ROHS RI | EACH |
|--------------------|------------|----------------------------------|-------|
| C TO US 😑 C C LIIL | HUHO HENUH | | LAUII |

| 11030000577 | 11030000133 |
|-------------|-------------|
| 6/28/18 | 6/28/18 |

| Order NO. | 11030000577 | 11030000133 |
|--|---|---|
| Width/Length/Height mm | 6/28/18 | 6/28/18 |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 UL1059 |
| Rated voltage V | 800 300 | 800 300 |
| Rated current A | 24 15 | 24 15 |
| Rated cross section mm ² /AWG | 0.2-2.5 28-14 | 0.2-2.5 28-14 |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) |
| 1 conductor mm ² | 0.2-2.5 0.2-2.5 0.2-2.5 0.2-2.5 | 0.2-2.5 0.2-2.5 0.2-2.5 0.2-1.5 |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5 | 0.5 |
| General Information | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) |
| Stripping length mm | 8-9 | 8-9 |
| Color | Grey, Red, Blue (please contact sales for other color requirements | Grey, Red, Blue (please contact sales for other color requirements) |
| Accessories | | |
| Ferrule | 1 | 1 |
| Slotted screwdriver size (Blade thickness x Width) | 0.5x3.5 | 0.5x3.5 |
| End cover | D-WS1.5-DB | D-WS1.5-DB |
| Partition plate | 1 | I |
| Marker (Side) | DEK6 | 1 |
| Warning cover | I | I |
| DIN rail mounting adapter | WHH-WS1.5-DB | I |
| Terminal strip marker support | 1 | 1 |
| | | |





Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





WS2.5-DIN15

WS2.5-DIN35

| g \$N °us C€ ERI | ROHS REACH | CFN US C€ EHE ROHS REACH |
|-------------------------|------------|--------------------------|
| 0 - 03 LIIL | HOHO HEAGH | Carrier House Heriali |

| | E PER 03 CC THE HOHO HEADH | t PE (S CC LIIL HOHO HERBII | | | |
|---|---|---|--|--|--|
| Order NO. | 11030000153 | 11030000155 | | | |
| Width/Length/Height mm | 6/32/31.88 | 6/32/31.88 | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 UL1059 | | | |
| Rated voltage V | 800 600 | 800 600 | | | |
| Rated current A | 24 20 | 24 20 | | | |
| Rated cross section mm ² /AWG | 0.2-2.5 28-12 | 0.2-2.5 28-12 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.2-2.5 0.2-2.5 0.2-2.5 0.2-2.5 | 0.2-2.5 0.2-2.5 0.2-2.5 0.2-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5 | 0.5 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}\!$ | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 8-9 | 8-9 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | | |
| Accessories | | | | | |
| Ferrule | I | I | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.5x3.5 | 0.5x3.5 | | | |
| Adjacent jumper(2P) | WFE-2.5 | WFE-2.5 | | | |
| End cover | D-WS2.5-MID-CO | D-WS2.5-MID-CO | | | |
| Partition plate | 1 | I | | | |
| Marker (Side) | ZW5 | ZW5 | | | |
| Warning cover | 1 | 1 | | | |
| DIN rail mounting adapter | WHH-WS1.5-DB | I | | | |
| Terminal strip marker support | I | 1 | | | |
| End clamp | I | 1 | | | |

End clamp





Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks







WS2.5-MID-CO

WS2.5-END-CO

| | | | *** | 2.0 11111 | 5 00 | | *** | JE.U E. | 10 00 |
|--|-------|-------------------|----------------------------|----------------------------|-------------------|---|------------------|-----------------------|---------------------|
| | | ₽ 3° (€ | ERE ROHS RE | ACH | | c \$1 2° (€ | ERE ROHS R | EACH | |
| Order NO. | | | 110300 | 000157 | | | 1103 | 0000156 | |
| Width/Length/Height | mm | | 6/32 | 2/22 | | 12/32 | | 2/32/22 | |
| Electrical Data | | IEC609 | EC 947-7-1 | | JL 1059 | IEC | IEC 30947-7-1 | | UL UL1059 |
| Rated voltage | V | 80 | 00 | 6 | 00 | | 800 | | 600 |
| Rated current | Α | 2 | 4 | 2 | 20 | | 24 | | 20 |
| Rated cross section mm ² | /AWG | 0.2- | 2.5 | 28 | -12 | 0 | .2-2.5 | | 28-12 |
| Connection capacity | | Solid | Stranded Fer | ule (with and withou | t plastic sleeve) | Solid | Stranded Fe | errule (with and with | out plastic sleeve) |
| 1 conductor | mm² | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-1.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-1.5 |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | - | - | 0.5 | _ | - | - | 0.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | PA | /V0 | | | F | PA/V0 | |
| Operation temperatures °C | C(°F) | -40(-40)~105(221) | | | | -40(-40 | 0)~105(221) | | |
| Stripping length | mm | | 8- | .9 | | 8-9 | | | |
| Color | | (please cor | Grey, R ntact sales for | ed, Blue other color re | quirements) | Grey, Red, Blue (please contact sales for other color requirements) | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | / | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.5 | (3.5 | | | 0 | .5x3.5 | |
| Adjacent jumper(2P) | 19 | | WFE | -2.5 | | | W | /FE-2.5 | |
| Alternate jumper | | | | 1 | | | | 1 | |
| Staggered jumper | | | | 1 | | | | 1 | |
| End cover | 2 2 | | D-WS2.5 | -MID-CO | | | D-WS2 | 2.5-END-CO | |
| Partition plate | | | | | | | | 1 | |
| Top marker | | | ZV | V5 | | | | ZW5 | |
| Side marker | | | , | | | | | 1 | |
| Warning cover | | | ı | | | | | 1 | |
| Marker support | | | ı | | | I | | | |
| Terminal strip marker support | | | ı | 1 | | | | 1 | |
| | | | | | | | | | |





Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





0-0-0-0

0-0-0-0

WS2.5T-DB

WS2.5T-DB-11A(H)

| | c \$N °us ♠ C€ EHI ROH | S REACH |) 🕸 20 2R 3 | € EHE RoHS | REACH | | | |
|---|-----------------------------------|--|--|----------------|------------------------|-----------------|--|--|
| Order NO. | 11030 | 0000197 | | 11030 | 000373 | | | |
| Width/Length/Height mm | 10 | /28/18 | | 10/2 | 28/18 | | | |
| Electrical Data | IEC IEC60947-7-1 | UL UL1059 | | EC 947-7-1 | | JL 1059 | | |
| Rated voltage V | 800 | 300 | 8 | 00 | 3 | 300 | | |
| Rated current A | 24 | 15 | 2 | 24 | | 15 | | |
| Rated cross section mm ² /AWG | 0.2-2.5 | 28-14 | 0.2 | -2.5 | 28 | 3-14 | | |
| Connection capacity | Solid Stranded F | errule (with and without plastic sleeve) | Solid | Stranded Ferru | le (with and without p | plastic sleeve) | | |
| 1 conductor mm ² | 0.2-2.5 0.2-2.5 | 0.2-2.5 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | | - 0.5 | _ | - | - | 0.5 | | |
| General Information | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | P | A/V0 | | PA | /V0 | | | |
| Operation temperatures $^{\circ}\!\text{C}(^{\circ}\!\text{F})$ | -40(-40) | -40(-40)~105(221) | | | ~105(221) | | | |
| Stripping length mm | | 8-9 | 8-9 | | | | | |
| Color | Grey, (please contact sales fo | Red, Blue rrother color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | | | | |
| Accessories | | | | | | | | |
| Ferrule | | 1 | | 1 | | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.4 | 5x3.5 | 0.5x3.5 | | | | | |
| Adjacent jumper(2P) | WF | E-2.5 | | WF | E-2.5 | | | |
| End cover | D-WS | 2.5-DB | | D-WS2. | 5-DB | | | |
| Partition plate | | 1 | | 1 | | | | |
| Marker (Side) | D | EK5 | | 1 | | | | |
| Warning cover | | 1 | | | | | | |
| DIN rail mounting adapter | WHH-V | VS1.5-DB | | 1 | | | | |
| Terminal strip | | 1 | | / | I | | | |
| marker support | | | I | | | | | |



Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





0-0--0-0

WS2.5T-DIN35 WS2.5T-DIN15

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| | | ₽ ¥ 2° ∪S (€ | ERE ROHS RI | ACH | | 91 °us (€ | ENE ROHS RE | ACH | |
|--|----------|---------------------|----------------------------|-----------------------------|-------------------|---------------------|-----------------------------|---|------------|
| Order NO. | | | 11030 | 000226 | | | 11030 | 000688 | |
| Width/Length/Height | mm | | 10/32 | /31.88 | | | 10/32/31 | /31.88(39.38) | |
| Electrical Data | | | IEC 0947-7-1 | | JL 1059 | IEC IEC60947-7-1 | | | UL 1059 |
| Rated voltage | V | 1 | 800 | 6 | 00 | 800 | | (| 300 |
| Rated current | Α | | 24 | : | 20 | | 24 | | 20 |
| Rated cross section mm ² // | AWG | 0.2 | !-2.5 | 28 | -12 | 0. | 2-2.5 | 28 | 3-12 |
| Connection capacity | | Solid | Stranded Fe | rrule (with and withou | t plastic sleeve) | Solid Stranded | | Ferrule (with and without plastic sleeve) | |
| 1 conductor | mm² | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-1.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-1.5 |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | _ | _ | 0.5 | _ | _ | _ | 0.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | P.A | ./V0 | | | P/ | A/V0 | |
| Operation temperatures °C | (°F) | -40(-40)~105(221) | | | | -40(-40) | ~105(221) | | |
| Stripping length | mm | | 8 | -9 | | 8-9 | | | |
| Color | | (please c | Grey, F ontact sales fo | Red, Blue other color re | quirements) | (please co | Grey, Rentact sales for | ed, Blue other color req | uirements) |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | ı | , | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.5 | x3.5 | | 0.5x3.5 | | | |
| Adjacent jumper | | | | 1 | | | | 1 | |
| End cover | 1 | | D-WS2.5 | -MID-CO | | | D-WS2.5 | -MID-CO | |
| Partition plate | | | | I | | | ı | | |
| Marker (Side) | | | Z | W5 | | | Z | W5 | |
| Warning cover | | | | I | | | | | |
| DIN rail mounting adapter | | | | 1 | | | | , | |
| Terminal strip marker support | | | | I | | | | | |
| End clamp | | | | 1 | | | ı | , | |
| DIN rail | # | | N | 315 | | Stee | NS35/7.5 I and Aluminiur | & NS35/15 n alloy are opti | ional) |





Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





0-0--0-0 0-0-0-0

WS2.5T-MID-CO

WS2.5T-END-CO

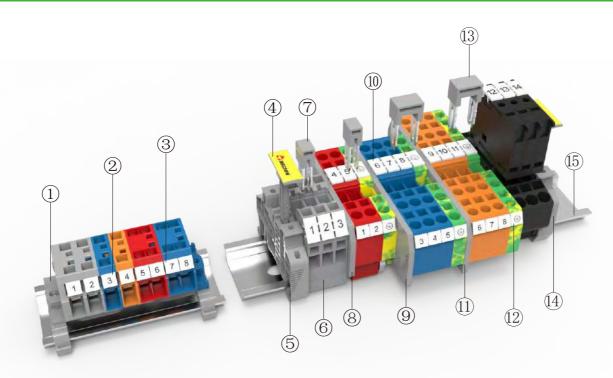
c**933**°us C€ EHI ROHS REACH CPN° US C€ EHE ROHS REACH

| | | c an ar (E | THE ROHS R | EACH | | c A a°us €€ | THE ROHS RE | ACH | |
|---|---------------------|-------------------|----------------------------|------------------------------|---------------------|--------------------|---------------------------|-----------------------------|-----------------|
| Order NO. | | | 11030 | 0000229 | | | 11030 | 000228 | |
| Width/Length/Height | mm | | 10/ | 32/22 | | | 10/3 | 32/22 | |
| Electrical Data | | | IEC 0947-7-1 | U | UL L1059 | | IEC 60947-7-1 | | UL _1059 |
| Rated voltage | V | 8 | 300 | | 600 | | 800 | (| 600 |
| Rated current | А | | 24 | | 20 | | 24 | | 20 |
| Rated cross section | mm²/AWG | 0.2 | 2-2.5 | 2 | 8-12 | 0. | .2-2.5 | 2 | 8-12 |
| Connection capacity | | Solid | Stranded Fe | errule (with and with | out plastic sleeve) | Solid | Stranded Ferr | ule (with and without | plastic sleeve) |
| 1 conductor | mm² | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-1.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-1.5 |
| 2 flexible conductors with a TWIN ferro | ule mm ² | _ | _ | - | 0.5 | _ | _ | _ | 0.5 |
| General Information | | 1 | | | | | | | |
| Insulation material/Flammability rat (according to UL 94) | ing | | P/ | A/V0 | | | PA | \/V0 | |
| Operation temperatures | °C (°F) | | -40(-40) | ~105(221) | | | -40(-40) | ~105(221) | |
| Stripping length | mm | | | 8-9 | | | 8 | 3-9 | |
| Color | | (please co | Grey, I ontact sales fo | Red, Blue r other color r | equirements) | (please co | Grey, Rentact sales for o | ed, Blue other color rec | quirements) |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | / | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 3.0 | 5x3.5 | | | 0.5 | ix3.5 | |
| Adjacent jumper | | | | 1 | | | | 1 | |
| Alternate jumper | | | | 1 | | | | 1 | |
| Staggered jumper | | | | 1 | | | | 1 | |
| End cover | لع عا | | D-WS2. | 5-MID-CO | | | D-WS2.5 | -END-CO | |
| Partition plate | | | | 1 | | | | 1 | |
| Top marker | | | Z | ZW5 | | | Z | W5 | |
| Side marker | | | | 1 | | | | 1 | |
| Warning cover | | | | 1 | | | | 1 | |
| Marker support | | | | 1 | | | | 1 | |
| Terminal strip marker support | | | | 1 | | | | 1 | |
| End clamp | | | | 1 | | | 1 | | |

-77-







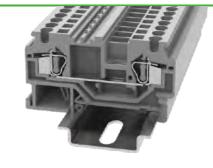
| Description | Part No. | Remark | | | | |
|----------------------------|---|---|--|--|--|--|
| ① Mounting foot with screw | WHH-WS1.5-DB-01P-11-00A(H) | For DIN35, can be screwed on terminal blocks with mounting flange | | | | |
| ② Marker | DEK6-50P-19-00A(H) | Marker is used for the side of WS4-DB series | | | | |
| ③ Marker | DEK6-50P-19-00A(H) | Marker is used for the side of WS4T-DB series | | | | |
| 4 Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N | | | | |
| ⑤ End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail | | | | |
| ⑥ Terminal blocks | WS4-SD-01P-11-00A(H) | Spring-cage type 4mm ² DIN Rail terminal blocks | | | | |
| Adjacent jumper | WFA4-01P-11-00A(H) | 02P bridge, use for WS4 series | | | | |
| 8 End cover | D-WS4-01P-11-00A(H) | End cover is used for WS4&WS4-PE | | | | |
| | D-WS4-TW-01P-11-00A(H) | End cover is used for WS4-TW&WS4-TW-PE | | | | |
| Marker | ZB6-10P-19-00A(H) | Marker is used for the top of WS4 series | | | | |
| ① End cover | D-WS4-QU-01P-11-00A(H) | End cover is used for WS4-QU&WS4-QU-PE | | | | |
| ② Marker | DEK6-50P-19-00A(H) | Marker is used for the side of WS4 series | | | | |
| Alternate jumper | WFB4-01P-11-00A(H) | 02P bridge, use for WS4 series | | | | |
| ④ End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail | | | | |
| ⑤ DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail | | | | |
| Circuit diagram | | | | | | |
| | O Connection point for wiring | - Fuse connection | | | | |
| | Connection point for bridging ——————————————————————————————————— | - Resistance connection • Circuit connection point | | | | |
| .4 | LED light connection | Grounding connection — Diagle connection | | | | |



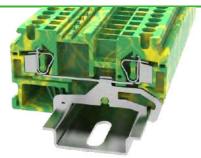


Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks



WS4



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¢**941**°us C€ EHI ROHS REACH

| | | 3) su *//2 3 | ERE ROHS RE | ACH COC | : | 3) 20° 24 23 | ERE ROHS RI | EACH | | |
|---|------------------|---|---------------|----------------------|---------------------|--|--------------|--------------|--------------------|--|
| Order NO. | | | 11030 | 000273 | | | 11030 | 000291 | | |
| Width/Length/Height(NS35/7.5&NS35 | 5/ 15) mm | | 6/60.4/36 | .45(43.95) | | | 6/60.4/36 | 36.45(43.95) | | |
| Electrical Data | | | EC 947-7-1 | U | UL L1059 | | | | UL _1059 | |
| Rated voltage | V | 8 | 00 | 600 | | 1 | | | 1 | |
| Rated current | А | 2 | 24 | | 15 | | I | | 1 | |
| Rated cross section | mm²/AWG | 0. | 2-4 | 2 | 28-12 | 0. | 2-4 | 2 | 8-12 | |
| Connection capacity | | Solid | Stranded Fe | rrule (with and with | out plastic sleeve) | Solid Stranded Ferrule (with and without plastic | | | ut plastic sleeve) | |
| 1 conductor | mm² | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | |
| 2 flexible conductors with a TWIN ferr | ule mm² | _ | - | _ | 0.5-1 | _ | - | _ | 0.5-1 | |
| General Information | | | | | | | | | | |
| Insulation material/Flammability rat (according to UL 94) | ing | | PA | ./V0 | | PA/V0 | | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 13-14 | | | | 1 | 13-14 | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | | | Yellow gree | n mixed colo | - | | |
| Accessories | | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.5 | x3.5 | | 0.5x3.5 | | | | |
| Adjacent jumper | | | W | FA4 | | | | 1 | | |
| Alternate jumper | ij. | | W | FB4 | | | | 1 | | |
| Staggered jumper | 412 | | | / | | | | 1 | | |
| End cover | | | D-\ | WS4 | | | D-' | WS4 | | |
| Partition plate | | | | / | | | | / | | |
| Top marker | jara-wigaja | ZB6 | | | | | ĽB6 | | | |
| Side marker | | | | | | | | | | |
| | Tin. | | DEK6 DEK6 | | | | | | | |
| Warning cover Terminal strip | IIIII | | | EA4 | | EEA4 | | | | |
| marker support | # from | DI | LM2 / KLM3-2 | 20x8 / KLM3 | 3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | | |
| End clamp | | | E-PC 110 | 0A / E-WS N | I | E-WS / E-PC / E-MK / E-WS N | | | | |

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WS Series





Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks



WS4-DB

C€ EHE ROHS REACH

| Order NO. | | | 11030 | 000281 | | |
|--|-----------|-------------------|------------------------------|-----------------------------|--------------|--|
| Width/Length/Height | mm | | 7/33 | 3.4/23 | | |
| Electrical Data | | IEC6 | IEC 60947-7-1 | | UL 1059 | |
| Rated voltage | V | | 630 | 3 | 300 | |
| Rated current | Α | | 32 | : | 20 | |
| Rated cross section mm | ²/AWG | (| 0.2-4 | 28 | 8-12 | |
| Connection capacity | | Solid | ut plastic sleeve) | | | |
| 1 conductor | mm² | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | _ | _ | 0.5-1 | |
| General Information | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | PA | /V0 | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | | |
| Stripping length | mm | | 10 | -11 | | |
| Color | | (please o | Grey, F contact sales for | Red, Blue other color re | equirements) | |
| Accessories | | | | | | |
| Ferrule | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.5 | x3.5 | | |
| Adjacent jumper | | | | / | | |
| End cover | | | D-WS | 4-DB | | |
| Partition plate | | | | I | | |
| Marker (Side) | | | DE | EK6 | | |
| Warning cover | | | | I | | |
| DIN rail mounting adapter | | | WHH-W | 'S1.5-DB | | |
| Terminal strip marker support | | | | / | | |
| End clamp | | | | / | | |

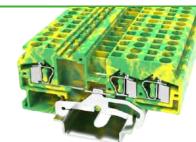




Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





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[±] WS4-TW-PE

EN ROHS REACH COC

WS4-TW

ESLE ROHS REACH COC

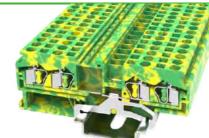
| | | L 14 03 C C | LIIL HOHO | IILAUII CON | • | CALUS CC LIIL HOHS HEADH COC | | | | |
|--|----------------------------|---|------------------|------------------------|---------------------|------------------------------|------------------|------------------------|---------------------|--|
| Order NO. | | | 110 | 30000302 | | | 110 | 30000305 | | |
| Width/Length/Height(NS35/7.5&NS35/15) | mm | | 6/73.5 | 5/36.45(43.95) | | | 6/73.5 | 5/36.45(43.95) | | |
| Electrical Data | | IEC | IEC 60947-7-1 | U | UL L1059 | IEC | IEC 30947-7-2 | U | UL L1059 | |
| Rated voltage | V | | 800 | | 600 | 1 | | | 1 | |
| Rated current | А | | 32 | | 20 | 1 | | | 1 | |
| Rated cross section mm ² /A | AWG | (|).2-4 | - | 28-12 | 0.2-4 | | 28-12 | | |
| Connection capacity | | Solid | Stranded | Ferrule (with and with | out plastic sleeve) | Solid | Stranded | Ferrule (with and with | out plastic sleeve) | |
| 1 conductor | mm ² | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | |
| 2 flexible conductors with a TWIN ferrule | mm ² | _ | _ | _ | 0.5-1 | _ | _ | _ | 0.5-1 | |
| General Information | ' | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | | PA/V0 | | PA/V0 | | | | |
| Operation temperatures °C | (°F) | -40(-40)~105(221) | | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 10-12 | | | | | 10-12 | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | | | Yellow g | reen mixed colo | r | | |
| Accessories | · | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | | 0.5x3.5 | | 0.5x3.5 | | | | |
| Adjacent jumper | | | | WFA4 | | I | | | | |
| Alternate jumper | | | | WFB4 | | | | / | | |
| Staggered jumper | 47 | | | 1 | | | | / | | |
| End cover | | | D | -WS4-TW | | | D | -WS4-TW | | |
| Partition plate | | | | 1 | | | | 1 | | |
| | oloviqeleje oveteteleje | ZB6 | | | | | ZB6 | | | |
| | | DEK6 | | | | | DEK6 | | | |
| Warning cover | | | | EEA4 | | | | EEA4 | | |
| Terminal strip marker support | T | | DLM2 / KLM | 13-20x8 / KLM3 | 3-44x8 | С | DLM2 / KLM | 3-20x8 / KLM3 | -44x8 | |
| End clamp | | | E-PC 1 | 1100A / E-WS N | I | | E-WS / E-P | C / E-MK / E-\ | VS N | |

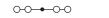
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Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks









WS4-QU-PE

ESUS CE EN ROHS REACH COC

WS4-QU

| 91 ° | (ϵ) | FAL | RnHS | REACH | CAC |
|-------------|--------------|-----|------|-------|-----|
| | | | | | |

| | CAM US CE ENL NUN | 3 ILAUII CAC | CAN IN CE THE HUND | IILAUII CAC | | | |
|--|----------------------------|--|--------------------------|---|--|--|--|
| Order NO. | 11 | 030000292 | 110 | 30000294 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mi | 6/86 | .2/36.45(43.95) | 6/86.2 | 2/36.45(43.95) | | | |
| Electrical Data | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-2 | UL UL1059 | | | |
| Rated voltage V | 800 | 600 | 1 | 1 | | | |
| Rated current A | 32 | 20 | 1 | 1 | | | |
| Rated cross section mm ² /AWG | 0.2-4 | 28-12 | 0.2-4 | 28-12 | | | |
| Connection capacity | Solid Stranded | d Ferrule (with and without plastic sleeve) | Solid Stranded | Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm | 0.2-4 0.2-4 | 4 0.2-2.5 0.2-2.5 | 0.2-4 0.2-4 | 0.2-2.5 0.2-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm | | - 0.5-1 | | - 0.5-1 | | | |
| General Information | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | PA/V0 | | | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$ | -40(| -40)~105(221) | -40(-40)~105(221) | | | | |
| Stripping length mi | | 11-12 | | 11-12 | | | |
| Color | Gi (please contact sale | rey, Red, Blue es for other color requirements) | Yellow green mixed color | | | | |
| Accessories | | | | | | | |
| Ferrule | | 1 | | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | 1 | 0.5x3.5 | 0.5x3.5 | | | | |
| Adjacent jumper | | WFA4 | 1 | | | | |
| Alternate jumper | | WFB4 | | 1 | | | |
| Staggered jumper | | I | | 1 | | | |
| End cover |) | D-WS4-QU | D | -WS4-QU | | | |
| Partition plate | | 1 | | 1 | | | |
| Top marker | | ZB6 | | ZB6 | | | |
| Side marker | | DEK6 | | DEK6 | | | |
| Warning cover | | EEA4 | | EEA4 | | | |
| Terminal strip marker support | DLM2 / KL | M3-20x8 / KLM3-44x8 | DLM2 / KLM | 3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC | 1100A / E-WS N | E-PC 1100A / E-WS N | | | | |

Spring-cage connection technology

DEGSON



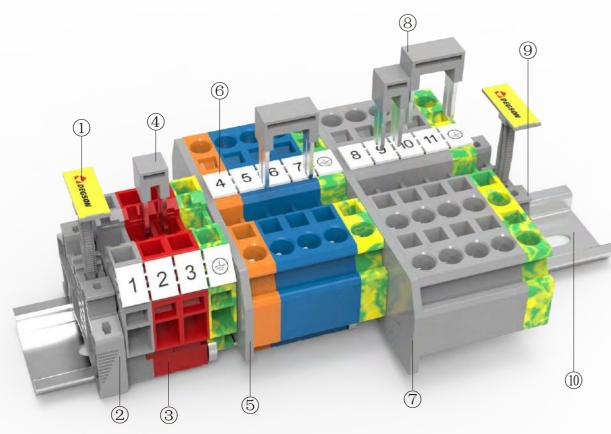
Feed-through, multi-conductor and ground terminal blocks

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WS4T-DB

C € EHE ROHS REACH

| | | CE THE ROP | IS HEAGH | | | | |
|--|-----------------|---|---------------|-----------------------|-------------------|--|--|
| Order NO. | | 11030000299 | | | | | |
| Width/Length/Height | mm | | 12/3 | 3.4/23 | | | |
| Electrical Data | | | EC 947-7-1 | | JL 1059 | | |
| Rated voltage | V | 8 | 00 | 3 | 300 | | |
| Rated current | А | 32 20 | | | | | |
| Rated cross section mm ² | /AWG | 0.2 | 2-4 | 28 | 3-12 | | |
| Connection capacity | | Solid | Stranded Fer | rule (with and withou | t plastic sleeve) | | |
| 1 conductor | mm² | 0.2-4 0.2-4 0.2-4 0. | | | | | |
| 2 flexible conductors with a TWIN ferrule | mm ² | _ | _ | _ | 0.5-1 | | |
| General Information | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | | | | |
| Operation temperatures | C (°F) | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 10-11 | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | | | | |
| Accessories | | | | | | | |
| Ferrule | | | | I | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.5 | x3.5 | | | |
| Adjacent jumper | | | | 1 | | | |
| End cover | | | D-WS | 4-DB | | | |
| Partition plate | | | | 1 | | | |
| Marker (Side) | | DEK6 | | | | | |
| Warning cover | | I | | | | | |
| DIN rail mounting adapter | - | WHH-WS1.5-DB | | | | | |
| Terminal strip marker support | | | | 1 | | | |
| End clamp | | | | / | | | |



| Description | Part No. | Remark |
|-------------------|------------------------|--|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ③ Terminal blocks | WS6-SD-01P-11-00A(H) | Spring-cage type 6mm ² DIN Rail terminal blocks |
| Adjacent jumper | WFA6-01P-11-00A(H) | 02P bridge, use for WS6 series |
| ⑤ End cover | D-WS6-01P-11-00A(H) | End cover is used for Ws6&WS6-PE |
| ⑥ Marker | ZB8-10P-19-00A(H) | Marker is used for the top of WS6 series |
| ① End cover | D-WS6-TW-01P-11-00A(H) | End cover is used for WS6-TW&WS6-TW-PE |
| Alternate jumper | WFB6-01P-11-00A(H) | 02P bridge, use for WS6 series |
| End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| (ii) DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|---|-----------------------|--------------------------|
| | Connection point for wiring | Fuse connection | o → o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| · - | LED light connection | Grounding connection | Diode connection |





Spring-cage connection technology

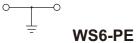
Feed-through, multi-conductor and ground terminal blocks



WS6







c**₹\^**°us C€ EHE ROHS REACH

| Order NO. | | | 11030000306 | | | | 11030000314 | | | |
|---|---------------|--|---|-------------------|------------------------|--------------------------|------------------------------|------------------|-----------------------|--------------------|
| Width/Length/Height(NS35/7. | 5&NS35/15 | i) mm | | 8/74.5/ | /40(47.5) | | 8/74.5/40(47.5) | | | |
| Electrical Data | | | | EC 947-7-1 | | UL L1059 | | IEC 60947-7-2 | UL UL1059 | |
| Rated voltage | | V | | 00 | | 600 | | 1 | | 1 |
| Rated current | | Α | 4 | 1 | | 30 | | 1 | | / |
| Rated cross section | m | m²/AWG | 0.: | 2-6 | 2 | 4-10 | C |).2-6 | | 24-10 |
| Connection capacity | | | Solid | Stranded Fe | rrule (with and withou | ut plastic sleeve) | Solid | Stranded Fe | errule (with and with | nout plastic sleev |
| 1 conductor | | mm² | 0.2-6 | 0.2-6 | 0.2-6 | 0.2-6 | 0.2-6 | 0.2-6 | 0.2-6 | 0.2- |
| 2 flexible conductors with a TV | WIN ferrule | mm² | _ | - | _ | 0.5-2.5 | _ | _ | _ | 0.5-2 |
| General Information | | | | | | | | | | |
| Insulation material/Flammab (according to UL 94) | oility rating | I | | PA | A/V0 | | PA/V0 | | | |
| Operation temperatures | | °C (°F) | | -40(-40)~105(221) | | | -40(-40)~105(221) | | | |
| Stripping length | | mm | 12-13 | | | | 12-13 | | | |
| Color | | | Grey, Red, Blue (please contact sales for other color requirements) | | | Yellow green mixed color | | | | |
| Accessories | | | | | | | | | | |
| Ferrule | | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | | mm | | 0.8 | 3x5.5 | | 0.8x5.5 | | | |
| Adjacent jumper | | | | W | FA6 | | 1 | | | |
| Alternate jumper | | [3] | | W | FB6 | | 1 | | | |
| Staggered jumper | | | | | 1 | | I | | | |
| End cover | | | | D-1 | WS6 | | D-WS6 | | | |
| Partition plate | | _ | I | | | | I | | | |
| Top marker | | पुंचराचे अंदर्शनुम्ब स्टूटर अस्तर्भनेत्रीच् | ZB8 | | | | | | ZB8 | |
| Side marker | | | 1 | | | | | 1 | | |
| Warning cover | 7 | ijij | EEA6 | | | | E | EA6 | | |
| Terminal strip marker support | | TT | DL | .M2 / KLM3-2 | 20x8 / KLM3 | -44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | es Albani | | | E DO 440 | 0A / E-WS N | | E-WS / E-PC / E-MK / E-WS N | | | |

WS Series

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Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks

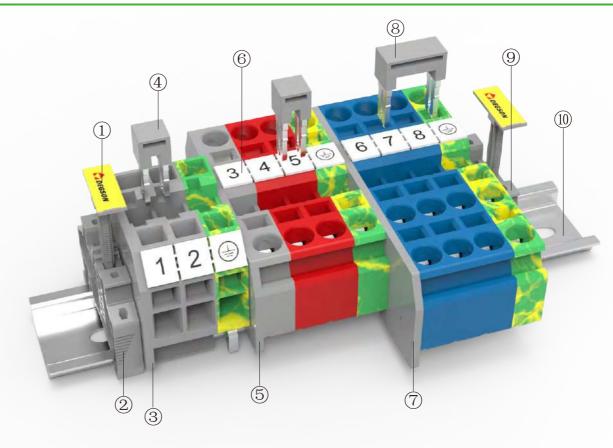








| | ♠ :¶V°us C € EHE ROHS REACH | C € EHE ROHS REACH | | | | |
|--|---|--|--|--|--|--|
| Order NO. | 11030000320 | 11030000322 | | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 8/93/40(47.5) | 8/93/40(47.5) | | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | | |
| Rated voltage V | 800 600 | 1 | | | | |
| Rated current A | 41 30 | 1 | | | | |
| Rated cross section mm ² /AWG | 0.2-6 24-10 | 0.2-6 24-10 | | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | | |
| 1 conductor mm ² | 0.2-6 0.2-6 0.2-6 0.2-6 | 0.2-6 0.2-6 0.2-6 0.2-6 | | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-2.5 | 0.5-2.5 | | | | |
| General Information | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | | | |
| Stripping length mm | 13-14 | 13-14 | | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | | | |
| Accessories | | | | | | |
| Ferrule | I | I | | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.8x5.5 | 0.8x5.5 | | | | |
| Adjacent jumper | WFA6 | 1 | | | | |
| Alternate jumper | WFB6 | 1 | | | | |
| Staggered jumper | I | I | | | | |
| End cover | D-WS6-TW | D-WS6-TW | | | | |
| Partition plate | I | I | | | | |
| Top marker | ZB8 | ZB8 | | | | |
| Side marker | I | I | | | | |
| Warning cover | EEA6 | EEA6 | | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | | |
| All the state of t | | | | | | |



| Description | Part No. | Remark |
|------------------|-------------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 End cover | D-WS10-SD-01P-11-00A(H) | End cover is used for WS10-SD&WS10-SD-PE |
| Adjacent jumper | WFA10-01P-11-00A(H) | 02P bridge, use for WS10 series |
| ⑤ End cover | D-WS10-01P-11-00A(H) | End cover is used for WS10&WS10-PE |
| ⑥ Marker | ZB10-10P-19-00A(H) | Marker is used for the top of WS10 series |
| ① End cover | D-WS10-TW-01P-11-00A(H) | End cover is used for WS10-TW&WS10-TW-PE |
| Alternate jumper | WFB10-01P-11-00A(H) | 02P bridge, use for WS10 series |
| | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| | O Connection point for wiring | Fuse connection | o → o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| ,, - | LED light connection | Grounding connection | Diode connection |

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Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





WS10-PE



WS10

| | | | 3) SU (E | ERI ROHS R | EACH | | 3) 2U° 2P 2 | EHE ROHS R | EACH | |
|--|--|---|---|-----------------|------------------------|--------------------------|---------------------|--------------|---|--------|
| Order NO. | | | 1103000001 | | | | 11030000020 | | | |
| Width/Length/Height(NS35/7.5 | &NS35/15 | i) mm | 10/77.5/42.5(50) | | | 10/77.5/42.5(50) | | | | |
| Electrical Data | | | | IEC 0947-7-1 | | UL .1059 | IEC IEC60947-7-2 | | UL UL1059 | |
| Rated voltage | | V | | 300 | (| 300 | | 1 | | 1 |
| Rated current | | А | | 57 | | 50 | | 1 | | 1 |
| Rated cross section | mı | m²/AWG | 0. | 2-10 | 2 | 24-8 | 0 | .2-10 | 24-8 | |
| Connection capacity | | | Solid | Stranded Fe | rrule (with and withou | ut plastic sleeve) | Solid | Stranded Fe | Ferrule (with and without plastic sleeve) | |
| 1 conductor | | mm ² | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 |
| 2 flexible conductors with a TW | IN ferrule | mm² | _ | _ | _ | 0.5-4 | _ | _ | _ | 0.5-4 |
| General Information | | | | | | | | | | |
| Insulation material/Flammabil (according to UL 94) | Insulation material/Flammability rating (according to UL 94) | | | PA/V0 | | | PA/V0 | | | |
| Operation temperatures | | °C (°F) | -40(-40)~105(221) | | | | -40(-40)~105(221) | | | |
| Stripping length | | mm | 13-14 | | | | 13-14 | | | |
| Color | | | Grey, Red, Blue (please contact sales for other color requirements) | | | Yellow green mixed color | | | | |
| Accessories | | | | | | | | | | |
| Ferrule | | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | | mm | | 0.8 | x5.5 | | 0.8x5.5 | | | |
| Adjacent jumper | | 7 | | WF | A10 | | 1 | | | |
| Alternate jumper | | F | | WF | B10 | | 1 | | | |
| Staggered jumper | | | | | 1 | | 1 | | | |
| End cover | | | | D-V | VS10 | | D-WS10 | | | |
| Partition plate | | | 1 | | | | | | 1 | |
| Top marker | | ्रोत्। स्वत्रात्र्यात्र्यात्र्यः स्वत्रः स्वत्रात्र्यात्र्यात्र्यः | ZB10 | | | | | Z | B10 | |
| Side marker | | | 1 | | | | | | 1 | |
| Warning cover | 7 | ijij] | EEA10 | | | | EE | A10 | | |
| Terminal strip marker support | | TT | D | LM2 / KLM3-2 | 20x8 / KLM3- | 44x8 | D | LM2 / KLM3-2 | 0x8 / KLM3- | 44x8 |
| End clamp | | | E-PC 1100A / E-WS N | | | E-PC 1100A / E-WS N | | | | |





Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





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WS10-TW



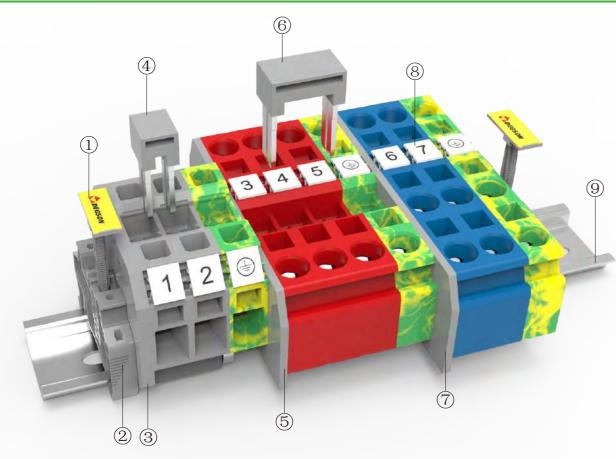
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C€ EHE ROHS REACH

| Order NO. | | | 11030 | 000023 | | 1103000026 | | | | |
|---|--|---------------------|-----------------------------|------------------------------|--------------------|---------------------|-------------------|-------------------------|--|--|
| Width/Length/Height(NS35/7.5&NS35/ | 15) mm | | 10/97.5 | 5/42.5(50) | | | 10/97. | 5/42.5(50) | | |
| Electrical Data | | IEC IEC60947-7-1 | | UL UL1059 | | IEC IEC60947-7-2 | | UL UL1059 | | |
| Rated voltage | V | | 800 | | 600 | | 1 | | 1 | |
| Rated current | А | | 57 | | 50 | | 1 | | 1 | |
| Rated cross section | mm²/AWG | 0. | .2-10 | 2 | 24-8 | 0 | .2-10 | : | 24-8 | |
| Connection capacity | | Solid | Stranded Fe | errule (with and witho | ut plastic sleeve) | Solid | Stranded F | Ferrule (with and witho | errule (with and without plastic sleeve) | |
| 1 conductor | mm² | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 | |
| 2 flexible conductors with a TWIN ferrul | le mm² | _ | _ | _ | 0.5-4 | _ | _ | _ | 0.5-4 | |
| General Information | | | | | | | | | | |
| Insulation material/Flammability ratir (according to UL 94) | ng | | P/ | A/V0 | | | F | PA/V0 | | |
| Operation temperatures | °C (°F) | | -40(-40) | ~105(221) | | | -40(-40)~105(221) | | | |
| Stripping length | mm | | 1; | 3-14 | | 13-14 | | | | |
| Color | | (please c | Grey, l contact sales fo | Red, Blue r other color r | equirements) | | Yellow gre | en mixed color | | |
| Accessories | | | | | | | | | | |
| Ferrule | | | | 1 | | 1 | | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.0 | 3x5.5 | | 0.8x5.5 | | | | |
| Adjacent jumper | 7 | | W | FA10 | | | | 1 | | |
| Alternate jumper | T. | | W | FB10 | | 1 | | | | |
| Staggered jumper | | | | 1 | | 1 | | | | |
| End cover | | | D-WS | 310-TW | | | D-W | /S10-TW | | |
| Partition plate | | | | 1 | | | | 1 | | |
| Top marker | ्रेन्ट्रेट्ड्ड्ड्ड्ड्ड्ड्ड्ड्ड्ड्ड्ड्ड्ड्ड्ड्ड्ड | | Z | B10 | | | | ZB10 | | |
| Side marker | | | | 1 | | | | 1 | | |
| Warning cover | IIII | EE | | EA10 | | EEA10 | | | | |
| Terminal strip marker support | - 44 | | DLM2 / KLM3- | 20x8 / KLM3 | -44x8 | С | DLM2 / KLM3- | -20x8 / KLM3- | 44x8 | |
| End clamp | i dib | | E-PC 110 | 0A / E-WS N | | | E-WS / E-PC | / E-MK / E-V | /S N | |
| 25 相類 | 1 | | | | | | | | | |







| Description | Part No. | Remark |
|------------------|-------------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 End cover | D-WS16-SD-01P-11-00A(H) | End cover is used for WS16-SD&WS16-SD-PE |
| Adjacent jumper | WFA16-01P-11-00A(H) | 02P bridge, use for WS16 series |
| ⑤ End cover | D-WS16-01P-11-00A(H) | End cover is used for WS16&WS16-PE |
| Alternate jumper | WFB16-01P-11-00A(H) | 02P bridge, use for WS16 series |
| 7 End cover | D-WS16-TW-01P-11-00A(H) | End cover is used for WS16-TW&WS16-TW-PE |
| 8 Marker | ZT12-10P-19-00A(H) | Marker is used for the top of Ws16 series |
| DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|----------------------------|--------------------------|
| | O Connection point for wiring | - Fuse connection | o ✓ ⊸ Disconnecting |
| | Connection point for bridging | - — Resistance connection | Circuit connection point |
| | LED light connection | Grounding connection | Diode connection |





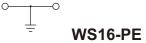
Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks









WS16

C€ EHE ROHS REACH

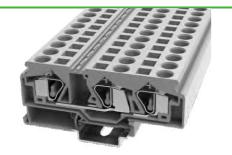
| | | 3) 20° 24 3 | EAC ROHS RI | EACH | | C € EHE ROHS REACH | | | | |
|--|-----------------|--|---------------|------------------------|--------------------------|-----------------------------|--------------|---|--------|--|
| Order NO. | | | 11030 | 000081 | | 1103000085 | | | | |
| Width/Length/Height(NS35/7.5&NS35/15) | mm | | 12/94.5/ | /45(52.5) | | 12/94.5/45(52.5) | | | | |
| Electrical Data | | | EC 947-7-1 | | JL 1059 | IEC IEC60947-7-2 | | UL UL1059 | | |
| Rated voltage | V | 8 | 00 | 6 | 00 | | 1 | 1 | | |
| Rated current | Α | 7 | '6 | (| 66 | | 1 | | 1 | |
| Rated cross section mm ² | /AWG | 0.2 | 2-16 | 24 | 4-6 | 0.3 | 2-16 | 2 | 24-6 | |
| Connection capacity | | Solid | Stranded Fer | rule (with and without | plastic sleeve) | Solid | Stranded Fer | Ferrule (with and without plastic sleeve) | | |
| 1 conductor | mm² | 0.2-16 | 0.2-16 | 0.2-16 | 0.2-10 | 0.2-16 | 0.2-16 | 0.2-16 | 0.2-10 | |
| 2 flexible conductors with a TWIN ferrule | mm ² | _ | - | _ | 0.5-6 | _ | _ | _ | 0.5-6 | |
| General Information | | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | | | PA/V0 | | | | |
| Operation temperatures °C | C(°F) | -40(-40)~105(221) | | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 18 | | | 18 | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | | Yellow green mixed color | | | | | |
| Accessories | | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.8 | x5.5 | | 0.8x5.5 | | | | |
| Adjacent jumper | - | | WF | A16 | | 1 | | | | |
| Alternate jumper | ij. | | WF | B16 | | I | | | | |
| Staggered jumper | 117 | | | 1 | | 1 | | | | |
| End cover | | | D-W | /S16 | | D-WS16 | | | | |
| Partition plate | | | | 1 | | | | 1 | | |
| Ton marker | 3,4,5 | ZT12 | | | | | T12 | | | |
| Side marker | CDE | | | | | | 1 | | | |
| | t r | 1 | | | | | | | | |
| Warning cover Terminal strip | | | | A16 | | | | A16 | | |
| marker support | Law | DL | .M2 / KLM3-2 | 20x8 / KLM3-4 | 14x8 | DL | .M2 / KLM3-2 | 0x8 / KLM3- | 14x8 | |
| End clamp | | | E-PC 1100 | DA / E-WS N | | E-WS / E-PC / E-MK / E-WS N | | | | |

DEGSON



Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





WS16-TW-PE

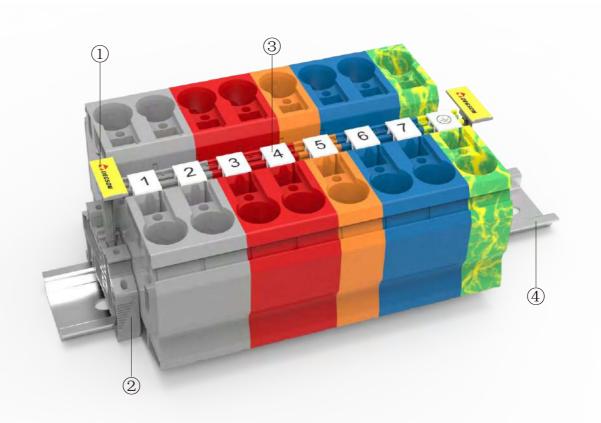


WS16-TW

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| CE EHE ROHS REACH | C € EHE ROHS REACH |
|-------------------|--------------------|
| CC THE HOUS HEADH | CC LIIL HOHO HENDH |

| Order NO. | | 11030000089 | | | 11030000091 | | | | |
|---|--|---------------------|---|--------------------------|-------------------|---------------------|--------------|-------------------------|--------------------|
| Width/Length/Height(NS35/7.5 | Width/Length/Height(NS35/7.5&NS35/15) mm | | | 1.5/45(52.5) | | 12/104.5/45(52.5) | | | |
| Electrical Data | | IEC | IEC 60947-7-1 | UL UL1059 | | IEC IEC60947-7-2 | | | UL .1059 |
| Rated voltage | V | | 800 | e | 600 | 1 | | 1 | |
| Rated current | А | | 76 | ı | 66 | | 1 | | 1 |
| Rated cross section | mm²/AWG | C | 1.2-16 | 2 | 4-6 | 0.2-16 24-6 | | 4-6 | |
| Connection capacity | | Solid | Stranded | Ferrule (with and withou | t plastic sleeve) | Solid | Stranded F | errule (with and withou | ut plastic sleeve) |
| 1 conductor | mm² | 0.2-16 | 0.2-16 | 0.2-16 | 0.2-10 | 0.2-16 | 0.2-16 | 0.2-16 | 0.2-10 |
| 2 flexible conductors with a TV | VIN ferrule mm ² | _ | _ | _ | 0.5-6 | _ | _ | _ | 0.5-6 |
| General Information | | | | | | | | | |
| Insulation material/Flammab (according to UL 94) | ility rating | | I | PA/V0 | | | Р | A/V0 | |
| Operation temperatures | °C (°F) | | -40(-40 |))~105(221) | | | -40(-40 |)~105(221) | |
| Stripping length | mm | | | 16-17 | | 16-17 | | | |
| Color | | (please | Grey, Red, Blue (please contact sales for other color requirements) Yellow green | | en mixed color | | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | / | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.8x5.5 | | 0.8x5.5 | | | | |
| Adjacent jumper | | | I | | I | | | | |
| Alternate jumper | | | | 1 | | | | 1 | |
| Staggered jumper | | | | 1 | | | | 1 | |
| End cover | | | D-WS16-TW | | D-WS16-TW | | | | |
| Partition plate | | 1 | | 1 | | | | | |
| Top marker | 1,2,3,4,5 A,B,C,D,E | ZT12 | | ZT12 | | | | | |
| Side marker | | 1 | | | | 1 | | | |
| Warning cover | un | EEA16 | | | E | EA16 | | | |
| Terminal strip marker support | | | DLM2 / KLM3 | 3-20x8 / KLM3- | 44x8 | D | DLM2 / KLM3- | 20x8 / KLM3- | 44x8 |
| End clamp | 州 | E-PC 1100A / E-WS N | | | | E-PC 110 | 0A / E-WS N | | |



| Description | Part No. | Remark |
|------------------|----------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 Marker | ZT12-10P-19-00A(H) | Marker is used for the top of WS35 series |
| DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| | O Connection point for wiring | - Fuse connection | o—-o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| . = | LED light connection | Grounding connection | Diode connection |



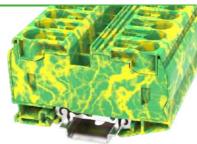
DEGSON



Spring-cage connection technology

Feed-through and ground terminal blocks







C€ ERE ROHS REACH

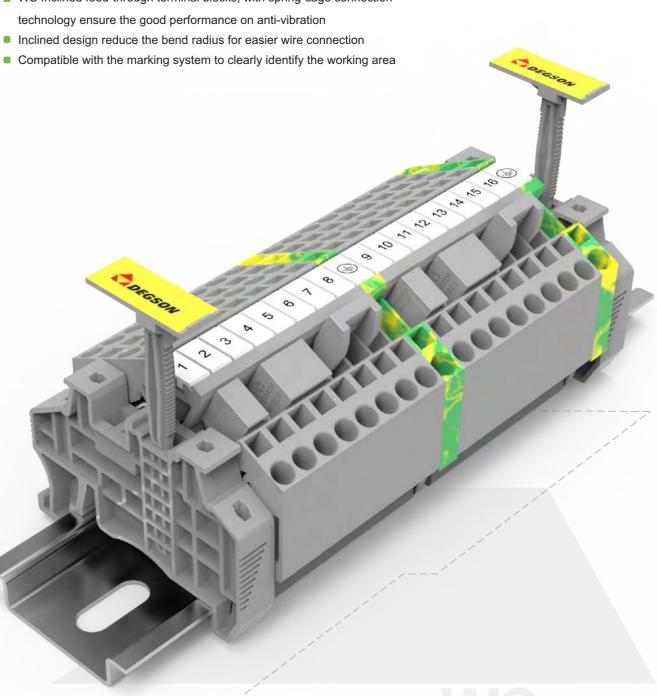
C€ EME ROHS REACH

WS35

| | | CE THE NO | IIO IIEAUII | | | CE III NU | IIO IIENUII | | |
|--|--|--|--------------------|--------------------------|--------------------|---------------------|-------------|---------------------------|--------------------|
| Order NO. | | 11030000266 | | | 11030000269 | | | | |
| Width/Length/Height(NS35/7.5&NS35 | /15) mm | | 16/99.9/59.2(66.7) | | 16/99.9/59.2(66.7) | | | | |
| Electrical Data | | IEC IEC60947-7-1 | | UL UL1059 | | IEC IEC60947-7-2 | | UL UL1059 | |
| Rated voltage | V | 1 | 000 | - | 600 | 1 | | I | |
| Rated current | А | | 125 | | 115 | | 1 | | 1 |
| Rated cross section | mm²/AWG | 0. | 5-35 | 1 | 4-2 | 0.5-35 | | 14-2 | |
| Connection capacity | | Solid | Stranded Fe | errule (with and witho | ut plastic sleeve) | Solid | Stranded | Ferrule (with and without | ut plastic sleeve) |
| 1 conductor | mm² | 2.5-35 | 2.5-35 | 2.5-35 | 2.5-35 | 2.5-35 | 2.5-35 | 2.5-35 | 2.5-35 |
| 2 flexible conductors with a TWIN ferru | ıle mm² | _ | - | _ | 0.5-6 | _ | _ | - | 0.5-6 |
| General Information | | | | | | | | | |
| Insulation material/Flammability rati (according to UL 94) | Insulation material/Flammability rating (according to UL 94) | | P | A/V0 | | PA/V0 | | | |
| Operation temperatures | °C (°F) | | -40(-40) | ~105(221) | | -40(-40)~105(221) | | | |
| Stripping length | mm | | 25 | | 25 | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Yellow green mixed color | | | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 1. | x5.5 | | | | 1x5.5 | |
| Adjacent jumper | | | | 1 | | | | 1 | |
| Alternate jumper | | | | 1 | | I | | | |
| Staggered jumper | | | | 1 | | | | 1 | |
| End cover | | | | 1 | | | | 1 | |
| Partition plate | | I | | I | | | | | |
| Top marker | 1,2,3,4,5 A,B,C,D,E | ZT12 | | | | ZT12 | | | |
| Side marker | | I | | | | 1 | | | |
| Warning cover | | 1 | | | | 1 | | | |
| Terminal strip marker support | TT | С | DLM2 / KLM3- | 20x8 / KLM3- | 44x8 | D | LM2 / KLM3 | -20x8 / KLM3- | 44x8 |
| End clamp | | | E-PC 110 | 00A / E-WS N | | | E-PC 110 | 00A / E-WS N | |

WS Inclined Feed-through Terminal Blocks

■ WS Inclined feed-through terminal blocks, with spring-cage connection technology ensure the good performance on anti-vibration



WS Series





Spring-cage connection technology

Inclined Feed-through Terminal Blocks







WS2.5-TW-TA

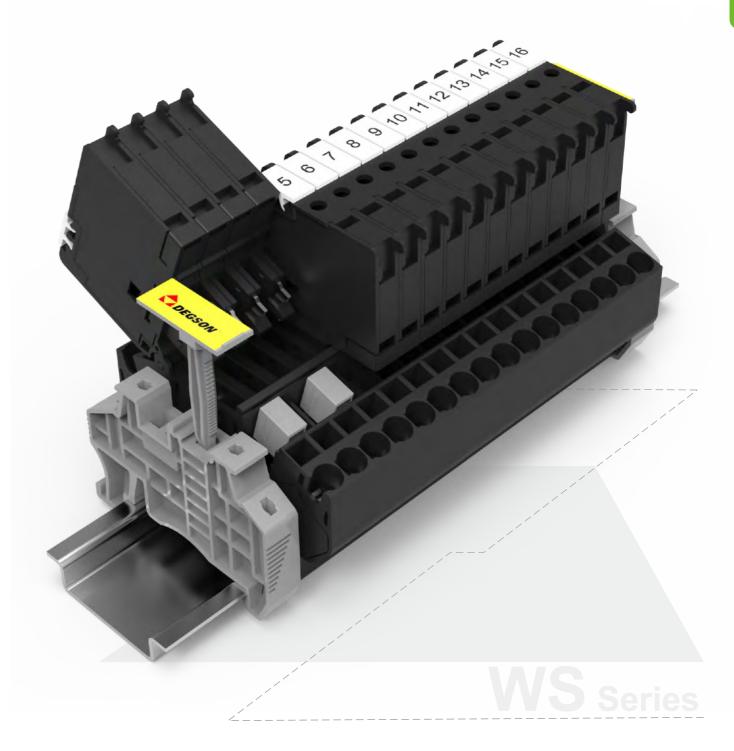
WS2.5-TW-TA-PE

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| | C€ EHE ROHS REACH | C € EHE ROHS REACH | | |
|--|---|---|--|--|
| Order NO. | 11030000261 | 11030000265 | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5/50.5/43.65(51.15) | 5/50.5/43.65(51.15) | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | |
| Rated voltage V | 800 600 | 1 | | |
| Rated current A | 24 15 | 1 | | |
| Rated cross section mm ² /AWG | 0.2-2.5 28-14 | 0.2-2.5 28-14 | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Femule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0. 2-2. 5 | 0. 2-2. 5 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5 | 0.5 | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | |
| Stripping length mm | 9 | 9 | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | |
| Accessories | | | | |
| Ferrule | 1 | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.5x3.5 | 0.5x3.5 | | |
| Adjacent jumper | WFA2.5 | I | | |
| Alternate jumper | WFB2.5 | 1 | | |
| Staggered jumper | WFC2.5-2 WFC2.5-3 WFC2.5-4 WFC2.5-5 WFC2.5-6 WFC2.5-7 WFC2.5-8 | 1 | | |
| End cover | D-WS2.5-TW-TA | D-WS2.5-TW-TA | | |
| Partition plate | 1 | 1 | | |
| Top marker | ZB5 / WB5 | ZB5 / WB5 | | |
| Side marker | 1 | I | | |
| Warning cover | EEA2.5 | EEA2.5 | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | |

WS Fuse Terminal Blocks

- WS Fuse type terminal blocks, with spring-cage connection technology ensure the good performance on anti-vibration
- Snap-on fuse box for easy fuse replacement
- Equipped with LED indicator for quick identification of fusing status
- Compatible with the marking system to clearly identify the working area



Spring-cage connection technology

Fuse terminal blocks(5X20)







WSF4-TA



œ**\$41**°us C€ EHE ROHS REACH

c**\$N**°us C€ EHE ROHS REACH

| Order NO. | 11030000324 | 11030000386 | | | |
|--|---|---|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 6/60/68(75.5) | 6/60/68(75.5) | | | |
| Electrical Data | IEC UL IEC60947-7-3 UL1059 | IEC IEC60947-7-3 | | | |
| Rated voltage V | 400 300 | 24 (Led voltage range 12–30V) | | | |
| Rated current A | 6.3 6.3 | 6.3 | | | |
| Rated cross section mm ² /AWG | 0.2-4 28-10 | 0.2-4 28-10 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.2-4 0.2-4 0.2-4 0.2-4 | 0.2-4 0.2-4 0.2-4 0.2-4 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | 0.5-1 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures °C (°F) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 10-12 | 10-12 | | | |
| Color | Black (please contact sales for other color requirements) | Black (please contact sales for other color requirements) | | | |
| Accessories | <u> </u> | | | | |
| Ferrule | I | I | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.5x3.5 | 0.5x3.5 | | | |
| Adjacent jumper | WFA4 | WFA4 | | | |
| Alternate jumper | WFB4 | WFB4 | | | |
| Staggered jumper | 1 | I | | | |
| End cover | 1 | 1 | | | |
| Partition plate | I | I | | | |
| Top marker episodelis | ZB6 | ZB6 | | | |
| Side marker | 1 | 1 | | | |
| Warning cover | EEA4 | EEA4 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |

Spring-cage connection technology

DEGSON

Fuse terminal blocks(5X20)





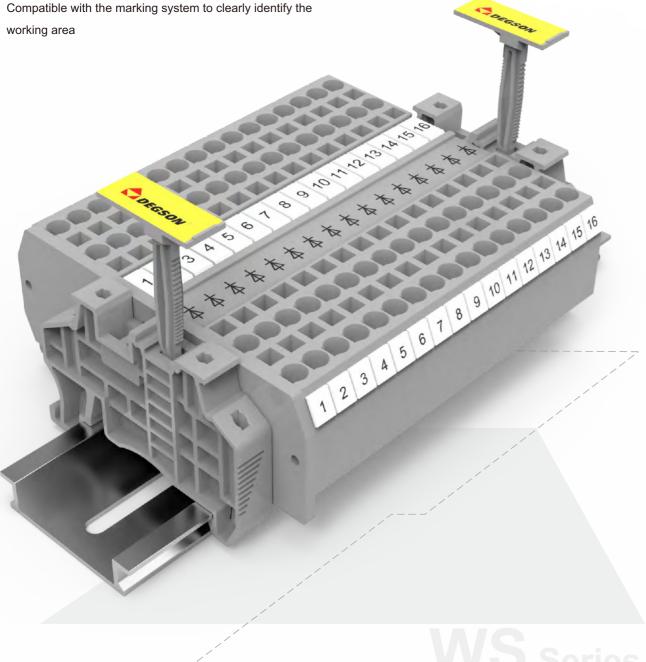
C€ EHE ROHS REACH

| Order NO. | | | 11030 | 0000691 | |
|---|----------------------------|---|--------------|------------------------|-----------------|
| Width/Length/Height(NS35/7.5& | NS35/15) mm | 6/60/68(75.5) | | | |
| Electrical Data | | IEC IEC60947-7-3 | | | |
| Rated voltage | V | | 2 | 250 | |
| Rated current | Α | | | 10 | |
| Rated cross section | mm²/AWG | (| 0.2-4 | 28 | 8-10 |
| Connection capacity | | Solid | Stranded Fer | rule (with and without | plastic sleeve) |
| 1 conductor | mm² | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 |
| 2 flexible conductors with a TWIN | I ferrule mm ² | _ | _ | - | 0.5-1 |
| General Information | | | | | |
| Insulation material/Flammabilit (according to UL 94) | y rating | | P/ | A/V0 | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | |
| Stripping length | mm | 10-12 | | | |
| Color | | Black (please contact sales for other color requirements) | | | |
| Accessories | | | | | |
| Ferrule | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.8 | 5x3.5 | |
| Adjacent jumper | 7 | | W | /FA4 | |
| Alternate jumper | Į. | | W | /FB4 | |
| Staggered jumper | | | | 1 | |
| End cover | | | | 1 | |
| Partition plate | | | | 1 | |
| Top marker | janiningije Aprimidalje | | Ž | ZB6 | |
| Side marker | | | | 1 | |
| Warning cover | IIII | | E | EA4 | |
| Terminal strip marker support | TT | D | LM2 / KLM3-2 | 0x8 / KLM3-4 | 4x8 |
| End clamp | | | F-PC 1100 | A / E-WSN | |

-100-

WS Component Terminal Blocks

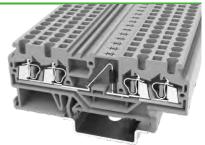
- WS diode terminal blocks, with spring-cage connection technology ensure the good performance on anti-vibration
- With diode element, can realize unidirectional conduction of the
- Compatible with the marking system to clearly identify the



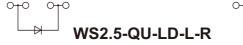
Spring-cage connection technology

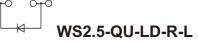
DEGSON





Component terminal blocks





C€ EHE ROHS REACH C€ EHE ROHS REACH

| Order NO. | 11030000567 | 11030000492 | | |
|--|---|---|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5/75.5/35.45(42.95) | 5/75.5/35.45(42.95) | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 UL1059 | | |
| Rated voltage & Reverse voltage V | 250 (Reverse breakdown voltage 1KV) | 250 (Reverse breakdown voltage 1KV) | | |
| Rated current A | 0.5 (The brand of diode is IN4007, with current of 0.5A) | 0.5 (The brand of diode is IN4007, with current of 0.5A) | | |
| Rated cross section mm ² /AWG | 0.2-2.5 28-14 | 0.2-2.5 28-14 | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 2.5-2.5 2.5-2.5 2.5-2.5 2.5-2.5 | 2.5-2.5 2.5-2.5 2.5-2.5 2.5-2.5 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5 | 0.5 | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | |
| Operation temperatures $^{\circ}\!C$ ($^{\circ}\!F$) | -40(-40)~105(221) | -40(-40)~105(221) | | |
| Stripping length mm | 9 | 9 | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | |
| Accessories | | | | |
| Ferrule | 1 | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.5x3.5 | 0.5x3.5 | | |
| Adjacent jumper | 1 | 1 | | |
| Alternate jumper | 1 | 1 | | |
| Staggered jumper | 1 | I | | |
| End cover | D-WS2.5-QU | D-WS2.5-QU | | |
| Partition plate | 1 | 1 | | |
| Top marker | ZB5 / WB5 | ZB5 / WB5 | | |
| Side marker | DEK5 | DEK5 | | |
| Warning cover | EEA2.5 | EEA2.5 | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| End clamp | E-PC 1100A / E-WS N | E-WS / E-PC / E-MK / E-WS N | | |

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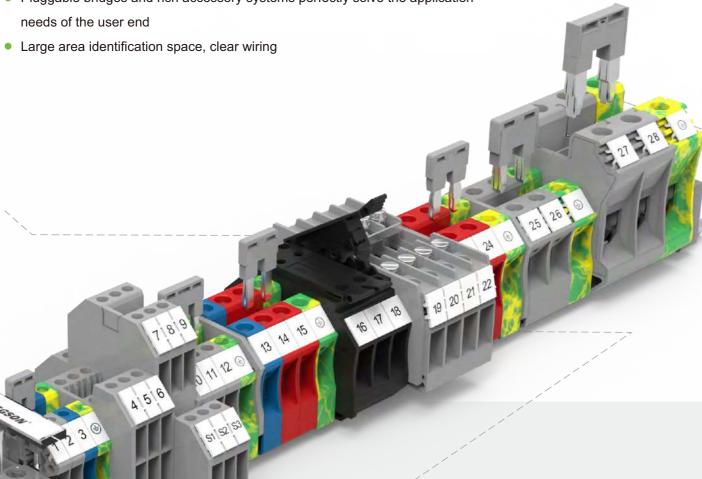
DC-Steel Screw Terminal Blocks

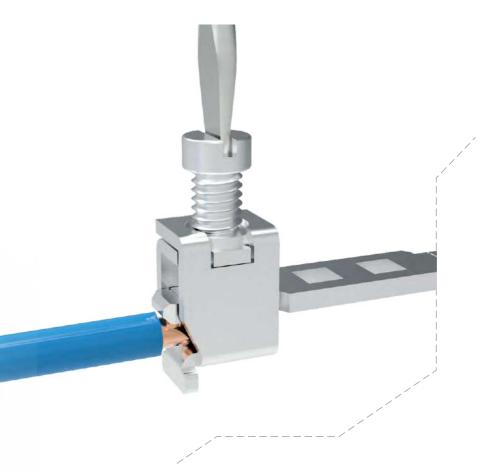
Feature

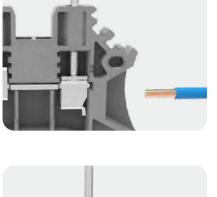
• The steel cage is used to clamp the wire, and the connection is stable and reliable

• Double channel bridge position, easy to realize potential distribution

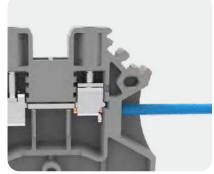
• Pluggable bridges and rich accessory systems perfectly solve the application











DC Steel screw terminal blocks, steel screw and steel cage cooperate with clamp wire, with good torsion and stability. The carrier adopts high-precision copper alloy conductor provide the lowest temperature rise, and ensure reliable and safe connection. The raw materials of PA66 plastic parts can meet the working environment of - 40 °C to 105 °C, all DC series products meet UL94 V0 flame retardant grade. Compact structure multi-conductor and multi-layer terminals, saving space in the cabinet.

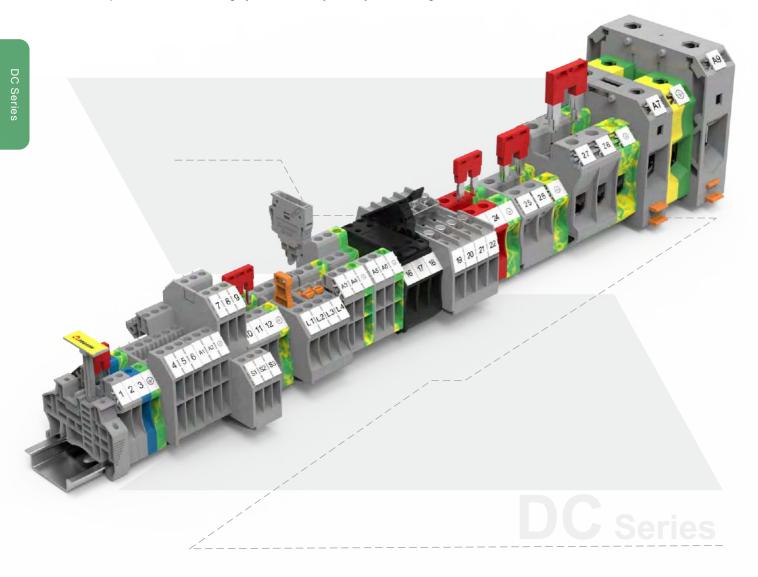
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DEGSON

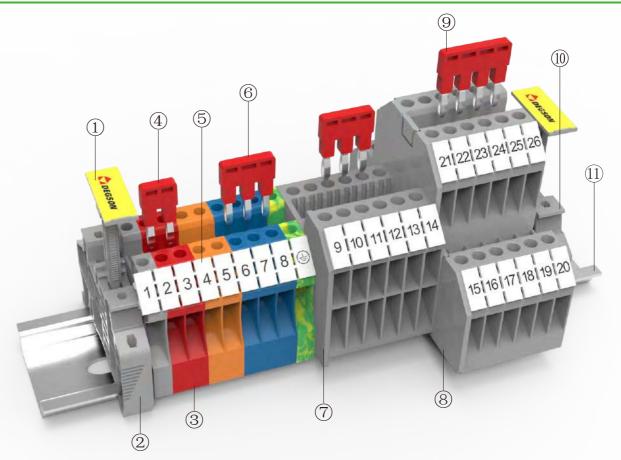
DC Feed-through Terminal Blocks

- DC Feed-through terminal blocks, with screw connection technology, high-quality steel screw and cage ensure the stable & reliable connection
- Multi-deck type, space saving
- Double-channel bridging design and 2-10 poles bridges reach the flexible distribution of potentials
- Compatible with the marking system to clearly identify the working area









| Description | Part No. | Remark |
|-------------------|--------------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ③ Terminal blocks | DC2.5-01P-11-00A(H) | Steel cage locking type 2.5mm ² DIN Rail terminal blocks |
| ④ Plug-in bridge | DFA2.5-02P-11-00A(H) | 02P bridge, use for DC2.5 series |
| ⑤ Marker | ZB5-10P-19-00A(H) | Marker is used for the side of DC2.5 series |
| Plug-in bridge | DFA2.5-03P-11-00A(H) | 03P bridge, use for DC2.5 series |
| 7 End cover | D-DC2.5-TW-01P-11-00A(H) | End cover is used for DC2.5-TW |
| 8 End cover | D-DCKKB2.5-01P-11-00A(H) | End cover is used for DCKKB2.5 |
| 9 Plug-in bridge | DFA2.5-04P-11-00A(H) | 04P bridge, use for DC2.5 series |
| (ii) End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ① DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|------------------|-------------------------------|-----------------------|--------------------------|
| - | O Connection point for wiring | - Fuse connection | o → o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| · - - | LED light connection | Grounding connection | Diode connection |

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DC Series

Screw connection technology 1

Feed-through, multi-conductor, multi-level, and ground terminal blocks









DC2.5-PE

¢**\$1**°us C€ EHI ROHS REACH

| | $C \in$ | TAT | RnHS | REACH | |
|-----------|---------|------|------|---------|--|
| C Than US | ~ ~ | LIIL | HUHO | IILAUII | |

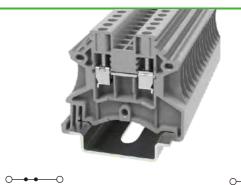
| | © FAL °us C € EHE ROHS REACH | c \$\^ °us C € EHE ROHS REACH | | |
|--|---|--|--|--|
| Order NO. | 1102000018 | 11020000028 | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.1/42.3/41.5(49) | 5.1/42.3/41.5(49) | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | |
| Rated voltage V | 800 600 | 1 | | |
| Rated current A | 24 25 | 1 | | |
| Rated cross section mm ² /AWG | 0.2-4 26-12 | 0.2-4 26-12 | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.2-4 0.2-2.5 0.2-2.5 0.5-1.5 | 0.2-4 0.2-2.5 0.2-2.5 0.5-1.5 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | 0.5-1 | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | |
| Operation temperatures °C (°F) | -40(-40)~105(221) | -40(-40)~105(221) | | |
| Stripping length mm | 8-9 | 8-9 | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M2.5/0.4 (3.6) (4.08) | M2.5/0.4 (3.6) (4.08) | | |
| Accessories | | | | |
| Ferrule | 1 | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 | | |
| Screw | Slotted screw | Slotted screw | | |
| Bridge (2-10P) | DFA2.5 | 1 | | |
| End cover | D-DC2.5 | D-DC2.5 | | |
| Partition plate | 1 | I | | |
| Marker interction FEET FEET | ZB5 / WB5 | ZB5 / WB5 | | |
| Marker support | 1 | 1 | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | |

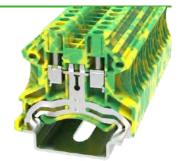




Screw connection technology 1

Feed-through, multi-conductor, multi-level, and ground terminal blocks





DC2.5-12A(H)
(Cross & Slotted screw)

0 = 0

DC2.5-PE-02A(H)
(Cross & Slotted screw)

| | C€ EHE ROHS REACH | C€ EHE ROHS REACH | | | |
|--|---|--|--|--|--|
| Order NO. | 11020000058 | 11020000221 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.1/42.3/41.5(49) | 5.1/42.3/41.5(49) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 800 600 | 1 | | | |
| Rated current A | 24 25 | 1 | | | |
| Rated cross section mm ² /AWG | 0.2-4 26-12 | 0.2-4 26-12 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.2-4 0.2-2.5 0.2-2.5 0.2-2.5 | 0.2-4 0.2-2.5 0.2-2.5 0.2-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1.5 | 0.5-1.5 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 8-9 | 8-9 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M2.5/0.4 (3.6) (4.08) M2.5/0.4 (3.6) (4.08) | | | | |
| Accessories | | | | | |
| Ferrule | 1 | | | | |
| Cross & Slotted Screwdriver specification (Thickness x Width) | 0.6x3.5 | 0.6x3.5 | | | |
| Screw | Cross & Slotted screw | Cross & Slotted screw | | | |
| Bridge (2-10P) | DFA2.5 | 1 | | | |
| End cover | D-DC2.5 | D-DC2.5 | | | |
| Partition plate | 1 | 1 | | | |
| Marker Physician Francisco | ZB5 / WB5 | ZB5 / WB5 | | | |
| Marker support | I | 1 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |

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Feed-through, multi-conductor, multi-level, and ground terminal blocks



DC2.5-TW





DC2.5-TW-PE

C € FRE ROHS REACH

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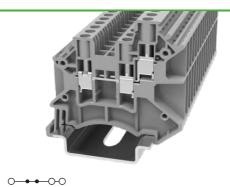
C € EHE ROHS REACH

| | C€ ENE ROHS REACH | C€ EHE ROHS REACH | | | |
|--|---|--|--|--|--|
| Order NO. | 11020000067 | 1 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.1/48.7/49.2(56.7) | 5.1/76/63(70.5) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 1000 600 | 1 | | | |
| Rated current A | 24 20 | 1 1 | | | |
| Rated cross section mm ² /AWG | 0.2-4 26-12 | 0.2-4 26-12 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.2-4 0.2-2.5 0.2-2.5 0.5-2.5 | 0.2-4 0.2-2.5 0.2-2.5 0.2-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | 0.5-1 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 10-11 | 10-11 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M2.5/0.4 (3.6)(4.08) | M2.5/0.4 (3.6)(4.08) | | | |
| Accessories | | | | | |
| Ferrule | I | I | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 | | | |
| Screw | Slotted screw | Slotted screw | | | |
| Bridge (2-10P) | DFA2.5 | I | | | |
| End cover | D-DC2.5-TW | D-DC2.5-TW | | | |
| Partition plate | I | 1 | | | |
| Marker interest Earlie Earlie | ZB5 / WB5 | ZB5 / WB5 | | | |
| Marker support | I | I | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |

Screw connection technology 1

DEGSON

Feed-through, multi-conductor, multi-level, and ground terminal blocks



0-0

DC2.5-TW-02A(H) (Cross & Slotted screw)

| | CE ENE ROHS REAGH | | |
|---|---|--|--|
| Order NO. | 11020000222 | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.1/48.7/49.2(56.7) | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | | |
| Rated voltage V | 1000 600 | | |
| Rated current A | 24 20 | | |
| Rated cross section mm ² /AWG | 0.2-4 26-12 | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.2-4 0.2-2.5 0.2-2.5 0.2-2.5 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | | |
| General Information | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | | |
| Operation temperatures $^{\circ}\!$ | -40(-40)~105(221) | | |
| Stripping length mm | 10-11 | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M2.5/0.4 (3.6)(4.08) | | |
| Accessories | | | |
| Ferrule | 1 | | |
| Cross & Slotted Screwdriver specification (Thickness x Width) | 0.6x3.5 | | |
| Screw | Cross & Slotted screw | | |
| Bridge (2-10P) | DFA2.5 | | |
| End cover | D-DC2.5-TW | | |
| Partition plate | 1 | | |
| Marker Property And Feet Control of the Control of | ZB5 / WB5 | | |
| Marker support | 1 | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| End clamp | E-PC 1100A / E-WS N | | |

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Feed-through, multi-conductor, multi-level, and ground terminal blocks





DC2.5-QU

DC2.5-QU-PE

| C € EHL ROHS REACH | | C € ERE ROHS REACH | | | |
|--|--|--|--|--|--|
| Order NO. | 11020000214 | 11020000215 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.1/54.4/49.2 (56.7) | 5.1/54.4/49.2 (56.7) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 500 300 | 1 | | | |
| Rated current A | 24 20 | 1 | | | |
| Rated cross section mm ² /AWG | 0.2-4 24-12 | 0.2-4 24-12 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.2-4 0.2-2.5 0.2-2.5 0.2-2.5 | 0.2-4 0.2-2.5 0.2-2.5 0.2-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | 0.5-1 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures °C (°F) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 8-10 | 8-10 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) Yellow green mixed co | | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | cm) M2.5/0.4(3.54)(4.08) M2.5/0.4(3.54)(4.08) | | | | |
| Accessories | Accessories | | | | |
| Ferrule | I I | | | | |
| Cross & Slotted Screwdriver mm specification (Thickness x Width) | 0.6x3.5 | 0.6x3.5 | | | |
| Screw | Cross & Slotted screw | Cross & Slotted screw | | | |
| Bridge (2-10P) | DFA2.5 | DFA2.5 | | | |
| End cover | D-DC4-QU | D-DC4-QU | | | |
| Partition plate | 1 | I | | | |
| Marker interpretation | ZB5 | ZB5 | | | |
| Marker support | 1 | I | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |





Screw connection technology 1

Feed-through, multi-conductor, multi-level, and ground terminal blocks





DCKKB2.5

DCKKB2.5-PV

C€ EHE ROHS REACH C€ EHE ROHS REACH

| | CC LIE HOUS HEADI | | | |
|--|---|---|--|--|
| Order NO. | 11020000073 | 11020000075 | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.1/76/63(70.5) | 5.1/76/63(70.5) | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 UL1059 | | |
| Rated voltage V | 500 300 | 500 300 | | |
| Rated current A | 24 20 | 24 20 | | |
| Rated cross section mm ² /AWG | 0.5-4 26-12 | 0.5-4 26-12 | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.5-4 0.5-2.5 0.5-2.5 0.5-2.5 | 0.5-4 0.5-2.5 0.5-2.5 0.5-2.5 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | 0.5-1 | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | |
| Operation temperatures $^{\circ}\!\text{C}\left(^{\circ}\!\text{F}\right)$ | -40(-40)~105(221) | -40(-40)~105(221) | | |
| Stripping length mm | 8-10 | 8-10 | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Grey, Red, Blue (please contact sales for other color requirements) | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M2.5/0.4 (3.6) (4.08) | M2.5/0.4 (3.6) (4.08) | | |
| Accessories | | | | |
| Ferrule | 1 | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) mm | 0.6x3.5 | 0.6x3.5 | | |
| Screw | Slotted screw | Slotted screw | | |
| Bridge (2-10P) | DFA2.5 | DFA2.5 | | |
| End cover | D-DCKKB2.5 | D-DCKKB2.5 | | |
| Partition plate | I | 1 | | |
| Marker interesting Francisco | ZB5 / WB5 | ZB5 / WB5 | | |
| Marker support | 1 | 1 | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | |

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DC Series





DCKKB2.5-PE

C€ ERE ROHS REACH

| Order NO. | 11020000069 |
|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.1/76/63(70.5) |
| Electrical Data | IEC UL IEC60947-7-2 UL1059 |
| Rated voltage V | 1 1 |
| Rated current A | 1 |
| Rated cross section mm ² /AWG | 0.5-4 26-12 |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) |
| 1 conductor mm ² | 0.5-4 0.5-2.5 0.5-2.5 0.5-2.5 |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 |
| General Information | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) |
| Stripping length mm | 8-10 |
| Color | Yellow green mixed color |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M2.5/0.4 (3.6) (4.08) |
| Accessories | |
| Ferrule | 1 |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 |
| Screw | Slotted screw |
| Bridge (2-10P) | DFA2.5 |
| End cover | D-DCKKB2.5 |
| Partition plate | 1 |
| Marker identific profit [] | ZB5 / WB5 |
| Marker support | 1 |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 |
| End clamp | E-PC 1100A / E-WS N |

Screw connection

technology 1

DEGSON

Feed-through, multi-conductor, multi-level, and ground terminal blocks





○──→ DCKKB2.5-02A(H) (Cross & Slotted screw) C€ EHE ROHS REACH

| Order NO. | 11020000074 | I | |
|--|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.1/76/63(70.5) | 5.1/76/63(70.5) | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-1 UL1059 | |
| Rated voltage V | 500 300 | 500 300 | |
| Rated current A | 24 20 | 24 20 | |
| Rated cross section mm ² /AWG | 0.5-4 26-12 | 0.5-4 26-12 | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | |
| 1 conductor mm ² | 0.5-4 0.5-2.5 0.5-2.5 0.5-2.5 | 0.5-4 0.5-2.5 0.5-2.5 0.5-2.5 | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | 0.5-1 | |
| General Information | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | |
| Stripping length mm | 8-10 | 8-10 | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) Grey, Red, Blue (please contact sales for other color | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M2.5/0.4 (3.6) (4.08) | M2.5/0.4 (3.6) (4.08) | |
| Accessories | | | |
| Ferrule | 1 | 1 | |
| Cross & Slotted Screwdriver specification (Thickness x Width) | 0.6x3.5 | 0.6x3.5 | |
| Screw | Cross & Slotted screw | Cross & Slotted screw | |
| Bridge (2-10P) | DFA2.5 | DFA2.5 | |
| End cover | D-DCKKB2.5 | D-DCKKB2.5 | |
| Partition plate | I | I | |
| Marker market market | ZB5 / WB5 | ZB5 / WB5 | |
| Marker support | I | I | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | |

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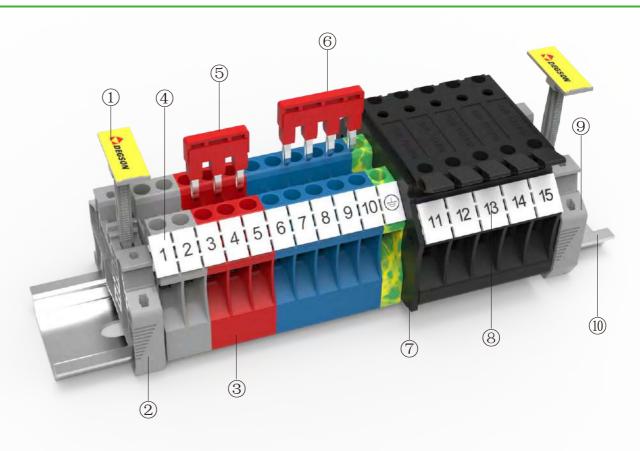


Feed-through, multi-conductor, multi-level, and ground terminal blocks





| | | C€ EHI Ro | | 71055 & 31C | ottea screw |
|---|-----|--------------------------|-----------------|---------------------------|--------------------|
| Order NO. | | 11020000194 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) | mm | | 5.1/76/63(70.5) | | |
| Electrical Data | | | IEC 0947-7-2 | U | UL L1059 |
| Rated voltage | V | | 1 | | 1 |
| Rated current | Α | | 1 | | / |
| Rated cross section mm ² /AV | VG | 0 | .5-4 | 2 | 6-12 |
| Connection capacity | | Solid | Stranded | Ferrule (with and without | ut plastic sleeve) |
| 1 conductor | nm² | 0.5-4 | 0.5-2.5 | 0.5-2.5 | 0.5-2.5 |
| 2 flexible conductors with a TWIN ferrule | nm² | _ | _ | - | 0.5-1 |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | ı | PA/V0 | |
| Operation temperatures °C (| °F) | | -40(-40 | 0)~105(221) | |
| Stripping length | mm | 8-10 | | | |
| Color | | Yellow green mixed color | | | - |
| Screw/Rated torque -/N.m(lb.in)(kgf. | cm) | M2.5/0.4 (3.6) (4.08) | | | |
| Accessories | | | | | |
| Ferrule | | | | 1 | |
| Cross & Slotted Screwdriver specification (Thickness x Width) | mm | | C |).6x3.5 | |
| Screw | | | Cross & | & Slotted screw | |
| Bridge (2-10P) | | | [| DFA2.5 | |
| End cover |) | D-DCKKB2.5 | | | |
| Partition plate | | 1 | | | |
| Marker interview France | | ZB5 / WB5 | | | |
| Marker support | | | | / | |
| Terminal strip marker support | T | D | LM2 / KLM3 | 3-20x8 / KLM3 | -44x8 |
| End clamp | | | E-PC 11 | 00A / E-WS N | |



| Description | Part No. | Remark |
|-------------------|------------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 Terminal blocks | DC2.5-01P-11-00A(H) | Steel cage locking type 4mm ² DIN Rail terminal blocks |
| 4 Marker | ZB6-10P-19-00A(H) | Marker is used for the side of DC4 series |
| Plug-in bridge | DFA4-03P-11-00A(H) | 03P bridge, use for DC4 series |
| Plug-in bridge | DFA2.5-04P-11-00A(H) | 04P bridge, use for DC4 series |
| 7 End cover | D-DC4-HE-01P-13-00A(H) | End cover is used for DC4-HE |
| 8 Marker | ZB8-10P-19-00A(H) | Marker is used for the side of DC4-HE |
| 9 End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| | O Connection point for wiring | Fuse connection | o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| Ļ | LED light connection | Grounding connection | Diode connection |

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DC Series

Screw connection technology 1

Feed-through and ground terminal blocks







| 3) 2u° LR 3 | III ROHC | REACH | 3) 2u° LP 3 | COL | RoHC | REAL |
|--------------------|----------|-------|--------------------|-----|------|------|
| CATA US CE | THL HUMO | KEAGM | c FLL us CE | thl | ROH2 | HEAL |

| | | c AU °us CE | THI KOHS | KEAGH | | CAT OF | FHT KOH? | KEAGH | |
|--|--|---|------------|--------------------------|---------------------|------------------|--------------------|------------------------|----------------------|
| Order NO. | | | 110 | 20000035 | | 11020000046 | | | |
| Width/Length/Height(NS35/7.5& | .NS35/15) mm | | 6.1/42 | .3/41.9(49.4) | | | 6.1/42.3/41.9(49.4 | | |
| Electrical Data | | IEC UL IEC60947-7-1 UL1059 | | IEC | IEC IEC60947-7-2 | | UL JL1059 | | |
| Rated voltage | V | | 1000 | | 600 | | / | | 1 |
| Rated current | А | | 32 | | 30 | | / | | / |
| Rated cross section | mm²/AWG | (|).5-4 | 2 | 22-10 | (| 0.5-4 | | 22-10 |
| Connection capacity | | Solid | Stranded | Ferrule (with and with | out plastic sleeve) | Solid | Stranded | Ferrule (with and with | hout plastic sleeve) |
| 1 conductor | mm² | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 |
| 2 flexible conductors with a TWIN | N ferrule mm ² | _ | _ | _ | 0.5-1.5 | _ | _ | _ | 0.5-1.5 |
| General Information | | ' | | | | | | | |
| Insulation material/Flammabilit (according to UL 94) | Insulation material/Flammability rating (according to UL 94) | | | PA/V0 | | PA/V0 | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 8-9 | | 8-9 | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Yellow green mixed color | | | or | | |
| Screw/Rated torque -/N | I.m(lb.in)(kgf.cm) | | M3/0 | .5(4.5)(5.1) | | M3/0.5(4.5)(5.1) | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | I | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | (|).6x3.5 | | | | 0.6x3.5 | |
| Screw | | | Slo | tted screw | | | Slot | tted screw | |
| Bridge (2-10P) | 885 | | | DFA4 | | | | 1 | |
| End cover | | | С |)-DC2.5 | | | ı | D-DC2.5 | |
| Partition plate | | 1 | | | | 1 | | | |
| Marker | - desperantable | ZB6 | | | | ZB6 | | | |
| Marker support | | | | 1 | | | | 1 | |
| Terminal strip marker support | | 1 | DLM2 / KLM | 3-20x8 / KLM3 | 3-44x8 | D | LM2 / KLM | 3-20x8 / KLM3 | 3-44x8 |
| End clamp | | | E-PC 1 | 100A / E-WS N | I | | E-PC 1 | 100A / E-WS N | ı |





Screw connection technology 1

Feed-through and ground terminal blocks







DC4-12A(H) (Cross & Slotted screw)
C€ ⊞ RoHS REACH



| | | C€ EHE ROHS REACH | | | C€ EHE ROHS REACH | | | | |
|---|-----------------------------|--|-------------------|--------------------------|----------------------|------------------------------|----------|---|-------------|
| Order NO. | | 11020000059 | | | 11020000220 | | | | |
| Width/Length/Height(NS35/7.5 | &NS35/15) mm | 6.1/42.3/41.9(49.4) | | | 6.1/42.3/41.9(49.4) | | | | |
| Electrical Data | | IEC | IEC 60947-7-1 | l | UL JL1059 | IEC IEC60947-7-2 | | U | UL L1059 |
| Rated voltage | V | | 1000 | | 600 | | 1 | | 1 |
| Rated current | А | | 32 | | 30 | | 1 | | 1 |
| Rated cross section | mm²/AWG | | 0.5-4 | | 22-10 | | 0.5-4 | : | 22-10 |
| Connection capacity | | Solid | Stranded | Ferrule (with and wit | hout plastic sleeve) | Solid | Stranded | Ferrule (with and without plastic sleeve) | |
| 1 conductor | mm ² | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 |
| 2 flexible conductors with a TW | IIN ferrule mm ² | _ | _ | - | 0.5-1.5 | _ | _ | _ | 0.5-1.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammabil (according to UL 94) | lity rating | | PA/V0 | | | PA/V0 | | | |
| Operation temperatures | °C (°F) | | -40(-40)~105(221) | | -40(-40)~105(221) | | | | |
| Stripping length | mm | 8-9 | | 8-9 | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Yellow green mixed color | | | | | |
| Screw/Rated torque -/ | N.m(lb.in)(kgf.cm) | M3/0.5(4.5)(5.1) | | M3/0.5(4.5)(5.1) | | | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | |
| Cross & Slotted Screwdrive specification (Thickness x V | | | | 0.6x3.5 | | 0.6x3.5 | | | |
| Screw | | | Cross | & Slotted scre | W | | Cross | & Slotted screw | |
| Bridge (2-10P) | 11 F | | | DFA4 | | | | 1 | |
| End cover | | | | D-DC2.5 | | | | D-DC2.5 | |
| Partition plate | | 1 | | | | 1 | | | |
| Marker | - popular esta la ju | ZB6 | | | | ZB6 | | | |
| Marker support | | I | | | | 1 | | | |
| Terminal strip marker support | | | DLM2 / KLN | 13-20x8 / KLM | 3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | -44x8 | |
| End clamp | An dib | | E-PC | 1100A / E-WS | N | | E-PC 1 | 100A / E-WS N | |

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Feed-through and ground terminal blocks









DC4-TW-PE

C€ EHI ROHS REACH

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C€ EHE ROHS REACH

| Order NO. | 11020000229 | 11020000230 | | | |
|--|---|--|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 6.2/50.9/49.2 56.7 | 6.2/50.9/49.2 56.7 | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 500 300 | 1 1 | | | |
| Rated current A | 32 30 | 1 | | | |
| Rated cross section mm ² /AWG | 0.5-4 20-12 | 0.5-4 20-12 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.5-6 0.5-4 0.5-2.5 0.5-2.5 | 0.5-6 0.5-4 0.5-2.5 0.5-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-2.5 | 0.5-2.5 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures °C (°F) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 8-9 | 8-9 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M3/0.6(6.0)(5.1) | M3/0.6(6.0)(5.1) | | | |
| Accessories | | | | | |
| Ferrule | 1 | I | | | |
| Cross & Slotted Screwdriver mm specification (Thickness x Width) | 0.6x3.5 | 0.6x3.5 | | | |
| Screw | Cross & Slotted screw | Cross & Slotted screw | | | |
| Bridge (2-10P) | DFA4 | 1 | | | |
| End cover | D-DC2.5-TW | D-DC2.5-TW | | | |
| Partition plate | I | 1 | | | |
| Marker interesting | ZB6 | ZB6 | | | |
| Marker support | 1 | 1 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |





Screw connection technology 1

Feed-through and ground terminal blocks





 $\circ \hspace{-0.05cm} \bullet \hspace$

DC4-QU (Cross & Slotted screw) CE FII ROHS REACH DC4-QU-PE (Cross & Slotted screw)

| | | C€ EHI ROHS REACH | | | C€ EHL ROHS REACH | | | | | |
|---|---------|---|------------------|--------------------------|-----------------------|---------------------|------------|------------------------|---|--|
| Order NO. | | 11020000188 | | | 11020000189 | | | | | |
| Width/Length/Height(NS35/7.5&NS35/15) | mm | | 6.1/54 | 1.4/49.2(56.7) | | 6.1/54.4/49.2(56.7) | | | | |
| Electrical Data | | IEC | IEC 60947-7-1 | (| UL JL1059 | IEC IEC60947-7-2 | | l | UL JL1059 | |
| Rated voltage | V | | 500 | | 300 | | 1 | | 1 | |
| Rated current | Α | | 32 | | 30 | | 1 | | 1 | |
| Rated cross section mm ² /A | AWG | | 0.5-4 | | 22-10 | | 0.5-4 | | 22-10 | |
| Connection capacity | | Solid | Stranded | Ferrule (with and wi | thout plastic sleeve) | Solid | Stranded | Ferrule (with and with | Ferrule (with and without plastic sleeve) | |
| 1 conductor | mm² | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 | |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | - | - | 0.5-1.5 | _ | _ | - | 0.5-1.5 | |
| General Information | | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | | PA/V0 | | | | | |
| Operation temperatures ${}^{\circ}\mathbb{C}$ | (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | | |
| Stripping length | mm | 8-9 | | 8-9 | | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Yellow green mixed color | | | | | | |
| Screw/Rated torque -/N.m(lb.in)(kg | f.cm) | M3/0.6(6.0)(5.1) | | M3/0.6(6.0)(5.1) | | | | | | |
| Accessories | | | | | | | | | | |
| Ferrule | | | | 1 | | 1 | | | | |
| Cross & Slotted Screwdriver specification (Thickness x Width) | mm | | | 0.6x3.5 | | 0.6x3.5 | | | | |
| Screw | | | Cross | & Slotted scre | w | | Cross | & Slotted screw | | |
| Bridge (2-10P) | | | | DFA4 | | | | 1 | | |
| End cover | | | D- | DC4-QU | | D-DC4-QU | | | | |
| Partition plate | | I | | | | 1 | | | | |
| Marker photograph | Later 1 | ZB6 | | ZB6 | | | | | | |
| Marker support | | 1 | | 1 | | | | | | |
| Terminal strip marker support | T | | DLM2 / KLM | 13-20x8 / KLM | 3-44x8 | | DLM2 / KLM | 3-20x8 / KLM3 | 3-44x8 | |
| End clamp | | | E-PC | 1100A / E-WS | N | E-PC 1100A / E-WS N | | | | |

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Feed-through and ground terminal blocks







DCKKB4



DCKKB4-PV

C € EHE ROHS REACH

C € EHE ROHS REACH

| | | CE HIL K | DHS KEACH | | | CE FHI RO | HS KEAGH | | |
|---|---------------|--|------------|-----------------------|-------------------------|--------------------------------|--------------|------------------------|----------------------|
| Order NO. | | | 110 | 20000126 | | 11020000127 | | | |
| Width/Length/Height(NS35/7.5&NS35/1 | 15) mm | 6.1/76/63(70.5) | | | 6.1/76/63(70.5) | | | | |
| Electrical Data | | IEC UL IEC60947-7-1 UL1059 | | IEC IEC60947-7-1 | | U | UL UL1059 | | |
| Rated voltage | ٧ | | 800 | | 300 | | 800 | | 300 |
| Rated current | А | | 32 | | 30 | | 32 | | 30 |
| Rated cross section | nm²/AWG | |).5-4 | | 22-10 | 0 | .5-4 | 2 | 22-10 |
| Connection capacity | | Solid | Stranded | Ferrule (with and wit | hout plastic sleeve) | Solid | Stranded | Ferrule (with and with | nout plastic sleeve) |
| 1 conductor | mm² | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 |
| 2 flexible conductors with a TWIN ferrule | e mm² | _ | _ | _ | 0.5-1.5 | _ | _ | _ | 0.5-1.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammability ratin (according to UL 94) | g | | | PA/V0 | | PA/V0 | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 8-9 | | 8-9 | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | (please cor | Grey, ntact sales fo | Red, Blue or other color re | quirements) | | |
| Screw/Rated torque -/N.m(lb.i | in)(kgf.cm) | M3/0.6(5.3)(6.1) | | M3/0.6(5.3)(6.1) | | | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | I | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | | 0.6x3.5 | | | (| 0.6x3.5 | |
| Screw | | | Slo | otted screw | | | Slo | tted screw | |
| Bridge (2-10P) | | | | DFA4 | | | | DFA4 | |
| End cover | | | D- | DCKKB2.5 | | | D-[| OCKKB2.5 | |
| Partition plate | | I | | | | 1 | | | |
| Marker | terrorente | ZB6 | | | | ZB6 | | | |
| Marker support | | I | | | | 1 | | | |
| Terminal strip marker support | IT | | DLM2 / KLM | 13-20x8 / KLM | 3-44x8 | | DLM2 / KLM | 3-20x8 / KLM3 | 3-44x8 |
| End clamp | | | E-PC 1 | 1100A / E-WS | N | | E-PC 1 | 100A / E-WS N | I |

Screw connection technology 1

DEGSON

Feed-through and ground terminal blocks





C € EHI ROHS REACH

| 1 conductor mm ² 0.5-6 0.5-4 0.5-4 0.5-4 | | | CE THE D | UUS UEAGU | | |
|--|---|-----------------|----------|----------------|---------------------|-------------------|
| Solid Stranded Femile (with and without plastic sleeve Solid Stranded Femile (with | Order NO. | | | 11020 | 000070 | |
| Rated voltage | Width/Length/Height(NS35/7.5&NS35/1 | 5) mm | | 6.1/76/6 | 63(70.5) | |
| Rated current | Electrical Data | | IEC | | U | |
| Rated cross section mm²/AWG 0.5-4 22-10 Connection capacity Solid Stranded Femule (with and without plastic steeved and stranded | Rated voltage | V | | 1 | | / |
| Connection capacity Solid Stranded Femule (with and without plastic seew 1 conductor mm² 0.5-6 0.5-4 0.5-4 0.5-4 0.5-4 2 flexible conductors with a TWIN ferrule mm² — — — 0.5-1.5 General Information Insulation material/Flammability rating (according to UL 94) Operation temperatures °C (°F) -40(-40)-105(221) Stripping length mm 8-9 Yellow green mixed color Screw/Rated torque -/N.m(lb.in)(kgf.cm) M3/0.6(5.3)(6.1) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Rated current | А | | 1 | | / |
| 1 conductor mm² 0.5-6 0.5-4 0.5-4 0.5-4 0.5-4 2 flexible conductors with a TWIN ferrule mm² — — — — 0.5-1.5 General Information Insulation material/Flammability rating (according to UL 94) Operation temperatures °C (°F) —40(-40)~105(221) Stripping length mm 8-9 Color Yellow green mixed color Screw/Rated torque -/N.m(lb.in)(kgf.cm) M3/0.6(5.3)(6.1) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Rated cross section m | ım²/AWG | C |).5-4 | 2: | 2-10 |
| 2 flexible conductors with a TWIN ferrule mm² 0.5-1.5 General Information Insulation material/Flammability rating (according to UL 94) Operation temperatures °C (°F) -40(-40)-105(221) Stripping length mm 8-9 Color Yellow green mixed color Screw/Rated torque -/N.m(b.in)(kgf.cm) M3/0.6(5.3)(6.1) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Connection capacity | | Solid | Stranded Ferr | ule (with and witho | ut plastic sleeve |
| General Information Insulation material/Flammability rating (according to UL 94) Operation temperatures **C (F) -40(-40)~105(221) Stripping length mm 8-9 Color Yellow green mixed color Screw/Rated torque -/N.m(b.in)(kgf.cm) M3/0.6(5.3)(6.1) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker ZB6 Marker support DLM2 / KLM3-20x8 / KLM3-44x8 | 1 conductor | mm ² | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 |
| Insulation material/Flammability rating (according to UL 94) Operation temperatures **C (*F)** -40(-40)~105(221) Stripping length mm 8-9 Color Yellow green mixed color Screw/Rated torque -/N.m(lb.in)(kgf.cm) M3/0.6(5.3)(6.1) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker DLM2 / KLM3-20x8 / KLM3-44x8 | 2 flexible conductors with a TWIN ferrule | mm ² | _ | _ | - | 0.5-1.5 |
| Queration temperatures C (F) -40(-40)-105(221) Stripping length mm 8-9 Color Yellow green mixed color Screw/Rated torque -/N.m(lb.in)(kgf.cm) M3/0.6(5.3)(6.1) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker zbacker DLM2 / KLM3-20x8 / KLM3-44x8 | General Information | | | | | |
| Stripping length mm 8-9 Color Yellow green mixed color Screw/Rated torque -/N.m(lb.in)(kgf.cm) M3/0.6(5.3)(6.1) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | |) | | PA | ./V0 | |
| Color Yellow green mixed color Screw/Rated torque -/N.m(lb.in)(kgf.cm) M3/0.6(5.3)(6.1) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Operation temperatures | °C (°F) | | -40(-40)- | -105(221) | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) M3/0.6(5.3)(6.1) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Stripping length | mm | | 8 | -9 | |
| Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Color | | | Yellow gree | n mixed colo | r |
| Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Screw/Rated torque -/N.m(lb.ii | n)(kgf.cm) | | M3/0.6(| 5.3)(6.1) | |
| Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 Screw Slotted screw Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Accessories | | | | | |
| Screw Slotted screw | Ferrule | | | | 1 | |
| Bridge (2-10P) DFA4 End cover D-DCKKB2.5 Partition plate / Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | | mm | | 0.6 | x3.5 | |
| End cover D-DCKKB2.5 Partition plate / Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Screw | | | Slotted | screw | |
| Partition plate / Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Bridge (2-10P) | | | DF | A4 | |
| Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | End cover | | | D-DCk | (KB2.5 | |
| Marker ZB6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Partition plate | - | | | 1 | |
| Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Marker | | | ZI | 36 | |
| marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Marker support | | | | 1 | |
| End clamp E-PC 1100A / E-WS N | | IT | | DLM2 / KLM3-20 | 0x8 / KLM3- | 44x8 |
| | End clamp | | | E-PC 1100 | A / E-WS N | |

-121- -122-

Feed-through and ground terminal blocks







OCKKB4-PV-02A(H)
(Cross & Slotted screw)

(Cross & Slotted screw)

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| | | C€ EHI ROHS REACH | | , | C€ EHE ROHS REACH | | | | |
|---|-----------------------------|---|------------------|--|------------------------|---------------------|-------------|------------------------|----------------------|
| Order NO. | | | 110 | 20000191 | | 11020000192 | | | |
| Width/Length/Height(NS35/7. | 5&NS35/15) mm | 6.1/76/63(70.5) | | | 6.1/76/63(70.5) | | | | |
| Electrical Data | | IEC | IEC 60947-7-1 | | UL UL1059 | IEC IEC60947-7-1 | | U | UL L1059 |
| Rated voltage | V | | 800 | | 300 | 800 | | | 300 |
| Rated current | А | | 32 | | 30 | | 32 | | 30 |
| Rated cross section | mm²/AWG | (| 0.5-4 | | 22-10 | C |).5-4 | 22-10 | |
| Connection capacity | | Solid | Stranded | Ferrule (with and w | ithout plastic sleeve) | Solid | Stranded | Ferrule (with and with | hout plastic sleeve) |
| 1 conductor | mm² | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 |
| 2 flexible conductors with a TV | VIN ferrule mm ² | _ | _ | _ | 0.5-1.5 | _ | _ | _ | 0.5-1.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammab (according to UL 94) | ility rating | PA/V0 | | PA/V0 | | | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 8-9 | | 8-9 | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Grey, Red, Blue (please contact sales for other color requirements) | | | quirements) | | |
| Screw/Rated torque - | -/N.m(lb.in)(kgf.cm) | | M3/0 | 0.6(5.3)(6.1) | | M3/0.6(5.3)(6.1) | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | I | | | |
| Cross & Slotted Screwdrive specification (Thickness x | | | | 0.6x3.5 | | 0.6x3.5 | | | |
| Screw | | | Cross | & Slotted scre | w | | Cross & | Slotted screw | |
| Bridge (2-10P) | | | | DFA4 | | | | DFA4 | |
| End cover | | | D-I | OCKKB2.5 | | | D-0 | OCKKB2.5 | |
| Partition plate | | 1 | | | | 1 | | | |
| Marker | elegativa-te (tried in fe | ZB6 | | | | ZB6 | | | |
| Marker support | | I | | | | 1 | | | |
| Terminal strip marker support | | 1 | DLM2 / KLM | 3-20x8 / KLN | 13-44x8 | | DLM2 / KLM | 13-20x8 / KLM3 | 3-44x8 |
| End clamp | 州州 | | E-PC 1 | 100A / E-WS | N | | E-PC 1 | 100A / E-WS N | I |

Screw connection technology 1

DEGSON

Feed-through and ground terminal blocks





DCKKB4-PE-02A(H) (Cross & Slotted screw)

| | | CE HIL R | OHS REACH | | |
|--|---------------------------|----------|------------------|---------------------|-------------------|
| Order NO. | | | 11020 | 000193 | |
| Width/Length/Height(NS35/7.58 | &NS35/15) mm | | 6.1/76/ | 63(70.5) | |
| Electrical Data | | IEC | IEC 60947-7-2 | U | UL L1059 |
| Rated voltage | V | | 1 | | 1 |
| Rated current | А | | 1 | | / |
| Rated cross section | mm²/AWG | 0 |).5-4 | 2 | 2-10 |
| Connection capacity | | Solid | Stranded Ferr | ule (with and witho | ut plastic sleeve |
| 1 conductor | mm ² | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 |
| 2 flexible conductors with a TW | N ferrule mm ² | _ | _ | _ | 0.5-1.5 |
| General Information | | | | | |
| Insulation material/Flammabili (according to UL 94) | ity rating | | PA | ./V0 | |
| Operation temperatures | °C (°F) | | -40(-40)- | ~105(221) | |
| Stripping length | mm | | 8 | 3-9 | |
| Color | | | Yellow gree | n mixed colo | r |
| Screw/Rated torque -/ | N.m(lb.in)(kgf.cm) | | M3/0.6(| 5.3)(6.1) | |
| Accessories | | | | | |
| Ferrule | | | / | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.63 | x3.5 | |
| Screw | | | Cross & Slo | tted screw | |
| Bridge (2-10P) | | | DF | -A4 | |
| End cover | | | D-DCk | (KB2.5 | |
| Partition plate | | | | 1 | |
| Marker | - injuje - injuje in | | ZI | B6 | |
| Marker support | | | | 1 | |
| Terminal strip marker support | | [| DLM2 / KLM3-20 | 0x8 / KLM3- | -44x8 |
| End clamp | 仙。仙 | | E-PC 1100 | A / E-WS N | |

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8 9 10 11 12 13

| Description | Part No. | Remark |
|-------------------|------------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End stopper | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ③ Terminal blocks | DC6-01P-11-00A(H) | Steel cage locking type 6mm ² DIN Rail terminal blocks |
| ④ Marker | ZB8-10P-19-00A(H) | Marker is used for the side of DC6 series |
| ⑤ Plug-in bridge | DFA6-04P-11-00A(H) | 04P bridge, use for DC6 series |
| ⑥ End cover | D-DCTK6-01P-11-00A(H) | End cover is used for DCTK6 |
| ⑦ Fixed bridge | FBRI6-RTK/S-02P-00A(H) | 02P bridge, use for DCTK6 |
| 8 End stopper | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| | O Connection point for wiring | Fuse connection | o → o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| ` - | LED light connection | Grounding connection | Diode connection |

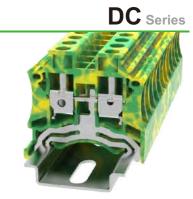




Screw connection technology 1

Feed-through and ground terminal blocks







DC6-PE

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DC6

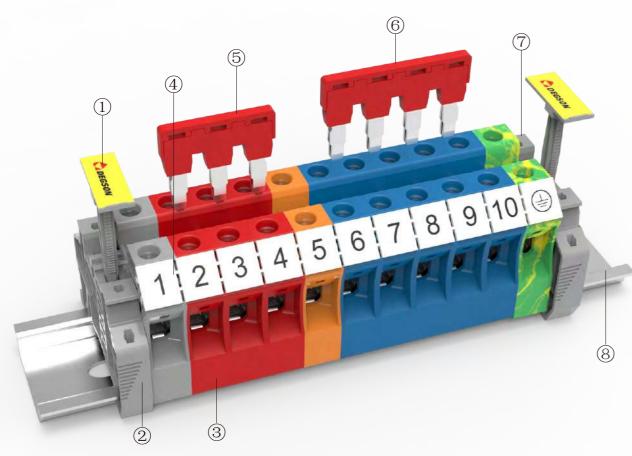
c**\$\^**°us C€ EHE ROHS REACH

| Order NO. | 11020000047 | 11020000196 | | | |
|--|---|--|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 8/44.95/43.5(51) | 8/44.95/43.5(51) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 1000 600 | 1 1 | | | |
| Rated current A | 41 50 | 1 | | | |
| Rated cross section mm ² /AWG | 0.5-6 22-8 | 0.5-6 22-8 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.5-6 0.5-6 0.5-4 0.5-4 | 0.5-6 0.5-6 0.5-4 0.5-4 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-2.5 | 0.5-2.5 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures °C (°F) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 10-11 | 10-11 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requiremen | s) Yellow green mixed color | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M4/1.2(10.6)(12.24) | M4/1.2(10.6)(12.24) | | | |
| Accessories | | | | | |
| Ferrule | 1 | I | | | |
| Slotted screwdriver size (Blade thickness x Width) mm | 1x4 | 1x4 | | | |
| Screw | Slotted screw | Slotted screw | | | |
| Bridge (2-10P) | DFA6 | 1 | | | |
| End cover | D-DC6 | D-DC6 | | | |
| Partition plate | 1 | 1 | | | |
| Marker jelekszteleje | ZB8 | ZB8 | | | |
| Marker support | 1 | 1 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |

-125--126-







| Description | Part No. | Remark |
|-------------------|----------------------|--|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ③ Terminal blocks | DC6-01P-11-00A(H) | Steel cage locking type 10mm ² DIN Rail terminal blocks |
| ④ Marker | ZB10-10P-19-00A(H) | Marker is used for the side of DC10 series |
| ⑤ Plug-in bridge | DFA10-03P-11-00A(H) | 03P bridge, use for DC10 |
| Plug-in bridge | DFA10-04P-11-00A(H) | 04P bridge, use for DC10 |
| ⑦ End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|---|----------------------------|--------------------------|
| | Connection point for wiring | Fuse connection | o ✓-o Disconnecting |
| | Connection point for bridging | - — Resistance connection | Circuit connection point |
| - - | LED light connection | Grounding connection | Diode connection |





Feed-through and ground terminal blocks









DC10-PE

c**\$3**°us C€ EHE ROHS REACH

DC10

c**941**°us C€ ENE ROHS REACH

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|---|----------------------|--|---------------------------|---------------------|---|---------------------|-----------------------|-------------|--|--|
| Order NO. 1102 | | | 20000001 | 0000001 | | | | 11020000011 | | |
| Width/Length/Height(NS35/7.5&NS35/15) | nm | 8/44.95/43.5(51) | | | 8/44.9 | 95/43.5(51) | | | | |
| Electrical Data | IE | IEC UL IEC60947-7-1 UL1059 | | | IEC IEC60947-7-2 | | UL UL1059 | | | |
| Rated voltage | V | 1000 | | 600 | | 1 | | 1 | | |
| Rated current | A | 57 | | 65 | | 1 | | / | | |
| Rated cross section mm ² /AW | 'G | 0.5-10 | - | 20-6 | 0. | 5-10 | | 20-6 | | |
| Connection capacity | Solid | Stranded | Ferrule (with and without | out plastic sleeve) | Solid Stranded Femule (with and without | | thout plastic sleeve) | | | |
| 1 conductor | m ² 0.5-1 | 0 0.5-10 | 0.5-10 | 0.5-10 | 0.5-10 | 0.5-10 | 0.5-10 | 0.5-10 | | |
| 2 flexible conductors with a TWIN ferrule | m² – | _ | _ | 0.5-4 | _ | _ | - | 0.5-4 | | |
| General Information | | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | | PA/V0 | | | | | |
| Operation temperatures °C (° | F) | -40(-40)~105(221) | | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 10-12 | | | 10-12 | | | | | |
| Color | (plea | Grey, Red, Blue (please contact sales for other color requirements) | | | Yellow green mixed color | | | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.c | :m) | M4/1.54(14)(15.71) | | | M4/1.54(14)(15.71) | | | | | |
| Accessories | | | | | | | | | | |
| Ferrule | | | 1 | | 1 | | | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 1x4 | | 1x4 | | | | | |
| Screw | | Slo | Slotted screw | | | Slotted screw | | | | |
| Bridge (2-10P) | | | DFA10 | | 1 | | | | | |
| End cover | | D-DC6 | | | D-DC6 | | | | | |
| Partition plate | | 1 | | | 1 | | | | | |
| Marker appropriate the second | | | ZB10 | | ZB10 | | | | | |
| Marker support | | 1 | | | 1 | | | | | |
| Terminal strip marker support | | DLM2 / KLM3-20x8 / KLM3-44x8 DLM2 / K | | | LM2 / KLM: | M3-20x8 / KLM3-44x8 | | | | |
| End clamp | | E-PC 1 | 1100A / E-WS N | | E-PC 1100A / E-WS N | | | N | | |

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DC Series

Screw connection technology 1

Feed-through and ground terminal blocks







DC10-300A(H) (Cross & Slotted screw)

CSAN°US C€ ENE ROHS REACH

| Order NO. | 1102 | 0000182 | | |
|--|-------------------------------|---|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 10.2/42.5 | 5/47.25(54.75) | | |
| Electrical Data | IEC IEC60947-7-1 | UL UL1059 | | |
| Rated voltage V | 800 | 600 | | |
| Rated current A | 57 | 30 | | |
| Rated cross section mm ² /AWG | 0.5-10 | 20-6 | | |
| Connection capacity | Solid Stranded | Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.5-10 0.5-10 | 0.5-10 0.5-10 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | | - 0.5-4 | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40 | 0)~105(221) | | |
| Stripping length mm | | 10-12 | | |
| Color | Grey (please contact sales | r, Red, Blue for other color requirements) | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M4/1.2(10.5)(12.24) | | | |
| Accessories | | | | |
| Ferrule | | I | | |
| Cross & Slotted Screwdriver mm specification (Thickness x Width) | | 1x4 | | |
| Screw | Cross | & Slotted screw | | |
| Bridge (2-10P) | EB2-10 / E | B3-10 / EB10-10 | | |
| End cover | D | -PC2.5 | | |
| Partition plate | | 1 | | |
| Marker spromptly | | ZB10 | | |
| Marker support | | 1 | | |
| Terminal strip marker support | DLM2 / KLM3 | 3-20x8 / KLM3-44x8 | | |
| End clamp | E-PC 11 | 00A / E-WS N | | |







Screw connection technology 1

Feed-through and ground terminal blocks





DC10-TW-PE

DC10-TW

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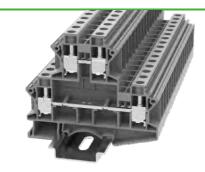
| | | | | | CC LIIL HOI | | | | |
|---|-----------------------|--|---------------------------|--------------------|-----------------------|----------------|------------------------|-----------------|--|
| Order NO. | | 11020000206 | | | 11020000207 | | | | |
| Width/Length/Height(NS35/7.5&NS35/15) | m | 10.2/58.7/55.5(63) | | | 10.2/58.7/55.5(63) | | | | |
| Electrical Data | IEC | IEC :60947-7-1 | UL UL1059 | | IEC IEC60947-7-2 | | UL UL1059 | | |
| Rated voltage | / | 1000 600 | | 1 | | 1 | | | |
| Rated current | A | 57 65 / | | 1 | 1 | | | | |
| Rated cross section mm ² /AW0 | 3 | 1.5-16 | 1 | 6-6 | 1.5-16 | | 1 | 16-6 | |
| Connection capacity | Solid | Stranded | Ferrule (with and without | ut plastic sleeve) | Solid | Stranded Fe | rrule (with and withou | t plastic sleev | |
| 1 conductor mr | n ² 0.5-16 | 0.5-10 | 0.5-10 | 0.5-10 | 0.5-16 | 0.5-10 | 0.5-10 | 0.5-1 | |
| 2 flexible conductors with a TWIN ferrule mr | n² – | _ | _ | 0.5-4 | _ | _ | _ | 0.5- | |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | I | PA/V0 | | PA/V0 | | | | |
| Operation temperatures °C (°F | :) | -40(-40)~105(221) | | | -40(-40)~105(221) | | | | |
| Stripping length m | m | 11-12 | | | 1-12 | | | | |
| Color | (please | Grey, Red, Blue (please contact sales for other color requirements) Yellow green in | | | | en mixed color | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cr | m) | M4/1.54 | (14.0)(15.71) | | M4/1.54(14.0)(15.71) | | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | 1 | 1 | | | | | |
| Cross & Slotted Screwdriver specification (Thickness x Width) | m | 1x4 | | | 1x4 | | | | |
| Screw | | Cross | & Slotted screw | | Cross & Slotted screw | | | | |
| Bridge (2-10P) | | [| DFA10 | | DFA10 | | | | |
| End cover | | D-DC10-TW | | | D-DC10-TW | | | | |
| Partition plate | | I | | | 1 | | | | |
| Marker street | | ZB10 | | | ZB10 | | | | |
| Marker support | | 1 | | | I | | | | |
| Terminal strip marker support | New | DLM2 / KLM3-20x8 / KLM3-44x8 DLM2 / KLM3-20x8 / K | | | 0x8 / KLM3-4 | 14x8 | | | |
| End clamp | ħ | E-PC 11 | 00A / E-WS N | | E-PC 1100A / E-WS N | | | | |

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Feed-through and ground terminal blocks





DCKKB10

C€ EHE ROHS REACH

| Order NO. | 11020000183 | | | | | |
|--|---|--|--|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 10/83.9/72.5(80) | | | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | | | | | |
| Rated voltage V | 500 300 | | | | | |
| Rated current A | 57 65 | | | | | |
| Rated cross section mm ² /AWG | 0.5-10 20-6 | | | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | | | | | |
| 1 conductor mm ² | 0.5-10 0.5-10 0.5-10 0.5-10 | | | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-4 | | | | | |
| General Information | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | | | | | |
| Operation temperatures $^{\circ}\text{C} \ (\ ^{\circ}\text{F}\)$ | -40(-40)~105(221) | | | | | |
| Stripping length mm | 10-11 | | | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | | | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M4/1.54(14)(15.71) | | | | | |
| Accessories | | | | | | |
| Ferrule | I | | | | | |
| Slotted screwdriver size (Blade thickness x Width) | 1x4 | | | | | |
| Screw | Slotted screw | | | | | |
| Bridge (2-10P) | DFA10 | | | | | |
| End cover | 1 | | | | | |
| Partition plate | 1 | | | | | |
| Marker polyteration | ZB10 | | | | | |
| Marker support | 1 | | | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | | | | | |
| End clamp | E-PC 1100A / E-WS N | | | | | |

Screw connection technology 1

Feed-through and ground terminal blocks





DCKKB10-PV

C € EHE ROHS REACH

| | | | C€ FHF RO | HS KEAGH | | | |
|--|--------------|------------------------------------|---|----------------|-------------|---------------------|--|
| Order NO. | | | 11020000184 | | | | |
| Width/Length/Height(NS35/ | 7.5&NS35/15) | mm | | 10/83.9/ | 72.5(80) | | |
| Electrical Data | | | | EC)947-7-1 | U | UL L1059 | |
| Rated voltage | | V | 5 | 00 | | 300 | |
| Rated current | | А | | 57 | | 65 | |
| Rated cross section | mm | ² /AWG | 0.5-10 20-6 | | | 20-6 | |
| Connection capacity | | | Solid Stranded Ferrule (with and without plastic | | | out plastic sleeve) | |
| 1 conductor | | mm ² | 0.5-10 | 0.5-10 | 0.5-10 | 0.5-10 | |
| 2 flexible conductors with a | TWIN ferrule | mm ² | _ | _ | _ | 0.5-4 | |
| General Information | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | PA/V0 | | | | |
| Operation temperatures | | °C (°F) | | -40(-40) | ~105(221) | | |
| Stripping length | | mm | 10-11 | | | | |
| Color | | | Grey, Red, Blue (please contact sales for other color requirem | | | | |
| Screw/Rated torque | -/N.m(lb.in) | (kgf.cm) | | M4/1.54(| 14)(15.71) | | |
| Accessories | | | | | | | |
| Ferrule | | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | | mm | | 1 | x4 | | |
| Screw | | | | Slotte | d screw | | |
| Bridge (2-10P) | | 5555 | | DF | A10 | | |
| End cover | | | | | 1 | | |
| Partition plate | | | | | 1 | | |
| Marker | _ | eleteretelejeje eleteretelejeje | ZB10 | | | | |
| Marker support | | | | | 1 | | |
| Terminal strip marker support | | T | DLM2 / KLM3-20x8 / KLM3-44x8 | | | | |
| End clamp | Á | | | E-PC 110 | 0A / E-WS N | | |
| | | 7 | | | | | |

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| Description | Part No. | Remark |
|-------------------|----------------------|--|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 Terminal blocks | DC16-01P-11-00A(H) | Steel cage locking type 16mm ² DIN Rail terminal blocks |
| 4 Marker | ZT12-10P-19-00A(H) | Marker is used for the side of DC16 series |
| ⑤ Plug-in bridge | DFA16-02P-11-00A(H) | 02P bridge, use for DC16 |
| Plug-in bridge | DFA16-03P-11-00A(H) | 03P bridge, use for DC16 |
| ⑦ End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 8 DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| _ | O Connection point for wiring | Fuse connection | o ✓ - ○ Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| - | LED light connection | Grounding connection | Diode connection |





Feed-through and ground terminal blocks





DC16-PE



c**\$33**°us C€ EHE ROHS REACH



DC16

C€ EHE ROHS REACH

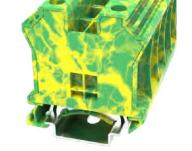
| | C TALL III IIII III III III III III III III | CC LIIL HOHO HEADH | | | |
|--|---|---|--|--|--|
| Order NO. | 11020000012 | 11020000017 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 12/49/50.9(58.4) | 12/49/50.9(58.4) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 1000 600 | 1 | | | |
| Rated current A | 76 100 | 1 | | | |
| Rated cross section mm ² /AWG | 1.5-25 14-3 | 1.5-25 14-3 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve | | | |
| 1 conductor mm ² | 1.5-25 1.5-25 1.5-16 1.5-16 | 1.5-25 1.5-25 1.5-16 1.5-16 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.75-6 | - | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}\text{C}(^{\circ}\text{F})$ | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 12 | 12 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow green mixed color | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M5/2.5(27)(25) | M5/2.5(27)(25) | | | |
| Accessories | | | | | |
| Ferrule | 1 | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) mm | 1x6.5 | 1x6.5 | | | |
| Screw | Slotted screw | Slotted screw | | | |
| Plug-in bridge (2-3P) | DFA16 | 1 | | | |
| End cover | D-DC16 | D-DC16 | | | |
| Partition plate | I | 1 | | | |
| 1, 2, 3, 4, 5 A, B, C, D, E | ZT12 | ZT12 | | | |
| Marker support | 1 | 1 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |

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DEGSON

Feed-through and ground terminal blocks





DC Series





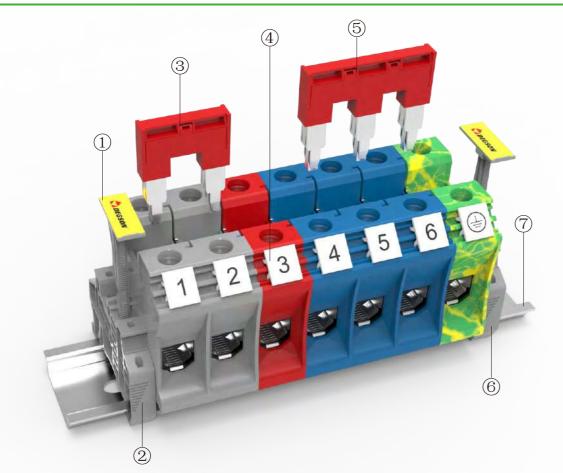
DC35-PE

| ₹1 ° us (€ | EHE | RoHS | REACH |
|-------------------|-----|------|-------|
|-------------------|-----|------|-------|

DC35

| RoHS | REACH | C€ | ŁH | L Rohs | S REAG |
|------|-------|----|----|--------|--------|
| | | | | | |

| Order NO. | order NO. 11020000029 | | 20000029 | 11020000034 | | |
|--|--------------------------------|-------------------------------|---|--------------------------|---|--|
| Width/Length/Height(NS35 | /7.5&NS35/15) mm | 16/55.4 | /61.3(68.8) | 16/55.4 | 4/61.3(68.8) | |
| Electrical Data | | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-2 | UL UL1059 | |
| Rated voltage | V | 1000 600 | | 1 | 1 | |
| Rated current | А | 125 150 | | 1 | 1 | |
| Rated cross section | mm²/AWG | 1.5-50 | 14-1/0 | 1.5-50 | 14-1/0 | |
| Connection capacity | | Solid Stranded | Ferrule (with and without plastic sleeve) | Solid Stranded | Ferrule (with and without plastic sleeve) | |
| 1 conductor | mm² | 2.5-50 2.5-50 | 1.5-35 1.5-35 | 2.5-50 2.5-50 | 1.5-35 1.5-35 | |
| 2 flexible conductors with a | TWIN ferrule mm ² | | - 1.5-10 | | - 1.5-10 | |
| General Information | | | | | | |
| Insulation material/Flamm (according to UL 94) | ability rating | | PA/V0 | | PA/V0 | |
| Operation temperatures | °C (°F) | -40(-4 | 0)~105(221) | -40(-40)~105(221) | | |
| Stripping length | mm | | 14-16 | 14-16 | | |
| Color | | Greg (please contact sales | y, Red, Blue for other color requirements) | Yellow green mixed color | | |
| Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | M6/3 | .5(31)(35) | M6/3.5(31)(35) | | |
| Accessories | | | | | | |
| Ferrule | | | 1 | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 1x6.5 | 1x6.5 | | |
| Screw | | Slot | ted screw | Slotted screw | | |
| Plug-in bridge (2-3P) | 100 | | DFA35 | | 1 | |
| End cover | | | 1 | 1 | | |
| Partition plate | | 1 | | | 1 | |
| Marker | 1, 2, 3, 4, 5 A, B, C, D, E | ZT12 | | | ZT12 | |
| Marker support | | 1 | | | I | |
| Terminal strip marker support | | DLM2 / KLM3 | 3-20x8 / KLM3-44x8 | DLM2 / KLM | 3-20x8 / KLM3-44x8 | |
| End clamp | 他唯 | E-PC 11 | 100A / E-WS N | E-PC 1 | 100A / E-WS N | |
| | | | | | | |



| Description | Part No. | Remark |
|------------------|----------------------|--|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ③ Plug-in bridge | DFA35-02P-11-00A(H) | 02P bridge, use for DC35 |
| ④ Marker | ZT12-10P-19-00A(H) | Marker is used for the side of DC35 series |
| Plug-in bridge | DFA35-03P-11-00A(H) | 03P bridge, use for DC35 |
| ⊚ End clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ⑦ DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| | O Connection point for wiring | Fuse connection | o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| · - | LED light connection | Grounding connection | Diode connection |

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Feed-through and ground terminal blocks









C€ EHI ROHS REACH

DC50

C€ EHE ROHS REACH

| Order NO. | | | 11020000216 | | | 11020000218 | | | | |
|--|----------------|--------------------|-------------------|--------------------------|--------------------------------|--------------------|----------------------------------|----------------|---|-------------|
| Width/Length/Height(NS35/7 | 7.5&NS35/15) | mm | | 20/70.45/7 | 75.94(83.44) | | | 20/70.45/ | 75.94(83.44) | |
| Electrical Data | | | | EC 1947-7-1 | | UL 1059 | | EC 1947-7-2 | | UL .1059 |
| Rated voltage | | V | 1 | 000 | 6 | 600 | 1 | | 1 | |
| Rated current | | А | 150 125 | | | 1 | | | 1 | |
| Rated cross section | mm² | /AWG | 16-50 6-1/0 | | 16-50 | | 6-1/0 | | | |
| Connection capacity | | | Solid | Stranded Fe | errule (with and withou | ut plastic sleeve) | Solid | Stranded F | Ferrule (with and without plastic sleeve) | |
| 1 conductor | | mm² | 16-50 | 16-50 | 16-50 | 16-50 | 16-50 | 16-50 | 16-50 | 16-50 |
| 2 flexible conductors with a | TWIN ferrule | mm² | _ | _ | _ | 10-16 | _ | _ | _ | 10-16 |
| General Information | | | | | | | | | | |
| Insulation material/Flamma (according to UL 94) | bility rating | | | P/ | A/V0 | | PA/V0 | | | |
| Operation temperatures | ٥ | C (°F) | | -40(-40) | ~105(221) | | | -40(-40) | ~105(221) | |
| Stripping length | | mm | 22-23 | | | 22-23 | | | | |
| Color | | | (please c | Grey, ontact sales fo | Red, Blue or other color re | equirements) | Yellow and green | | | |
| Screw/Rated torque | -/N.m(lb.in)(l | kgf.cm) | | M6/2.5 | (22.2)(25) | | M6/2.5(22.2)(25) | | | |
| Accessories | | | | | | | | | | |
| Ferrule | | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | | mm | | 1 | 2x8 | | | 1 | .2x8 | |
| Screw | | | | Slotte | d screw | | Slotted screw | | | |
| Bridge (2P,3P) | | | FBI2-20 / FBI3-20 | | | | 1 | | | |
| End cover | | | I | | 1 | | | | | |
| Partition plate | | | 1 | | | | 1 | | | |
| Marker | | 2,3,4,5 B,C,D,E | ZT12 | | | Z | T12 | | | |
| Marker support | | | 1 | | 1 | | | | | |
| Terminal strip marker support | | T | D | LM2 / KLM3- | 20x8 / KLM3- | 44x8 | 4x8 DLM2 / KLM3-20x8 / KLM3-44x8 | | | 44x8 |
| End clamp | | | | E-PC 110 | 0A / E-WSN | | E-PC 1100A / E-WS N | | | |



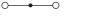




Feed-through and ground terminal blocks

Screw connection

technology 1



DC50-01A(H)
(Hex socket screws)
CE HE ROHS REACH



DC50-PE-01A(H) (Hex socket screws)

| | | C€ EHE ROHS READ | CH | C € ERE ROHS REACH | | | | |
|---|------------------------------|-------------------------------|--|---------------------|--|--|--|--|
| Order NO. | | 11 | 020000233 | 11020000232 | | | | |
| Width/Length/Height(NS35/ | 7.5&NS35/15) mm | 20/70 | .45/75.94(83.44) | 20/70.45/ | 75.94(83.44) | | | |
| Electrical Data | | IEC UL IEC60947-7-1 UL1059 | | IEC IEC60947-7-2 | UL UL1059 | | | |
| Rated voltage | V | 1000 | 600 | 1 | 1 | | | |
| Rated current | А | 150 | 125 | 1 | 1 | | | |
| Rated cross section | mm²/AWG | 16-50 | 6-1/0 | 16-50 | 6-1/0 | | | |
| Connection capacity | | Solid Strande | d Ferrule (with and without plastic sleeve) | Solid Stranded F | errule (with and without plastic sleeve) | | | |
| 1 conductor | mm ² | 16-50 16-5 | 0 16-50 16-50 | 16-50 16-50 | 16-50 16-50 | | | |
| 2 flexible conductors with a | TWIN ferrule mm ² | | - 10-16 | | – 10-16 | | | |
| General Information | | | | | | | | |
| Insulation material/Flamma (according to UL 94) | ability rating | | PA/V0 | PA/V0 | | | | |
| Operation temperatures | °C (°F) | -40(| (-40)~105(221) | -40(-40)~105(221) | | | | |
| Stripping length | mm | | 22-23 | 2. | 22-23 | | | |
| Color | | G (please contact sal | irey, Red, Blue les for other color requirements) | Yellow ar | Yellow and green | | | |
| Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | M6 | 2/2.5(22.2)(25) | M6/2.5 | (22.2)(25) | | | |
| Accessories | | | | | | | | |
| Ferrule | | | 1 | | 1 | | | |
| Screw(Allen key) | | | 1.2x8 | 1 | .2x8 | | | |
| Screw | | Нех | c socket screws | Hex socket screws | | | | |
| Bridge (2P,3P) | | FBI | 2-20 / FBI3-20 | | 1 | | | |
| End cover | | | / | 1 | | | | |
| Partition plate | | | / | 1 | | | | |
| Marker | 1,2,3,4,5 A,B,C,D,E | | ZT12 | Z | T12 | | | |
| Marker support | | | I | | 1 | | | |
| Terminal strip marker support | | DLM2 / KL | .M3-20x8 / KLM3-44x8 | DLM2 / KLM3-2 | 20x8 / KLM3-44x8 | | | |
| End clamp | 侧侧 | E-PC | 1100A / E-WS N | E-PC 110 | DA / E-WS N | | | |

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Feed-through and ground terminal blocks





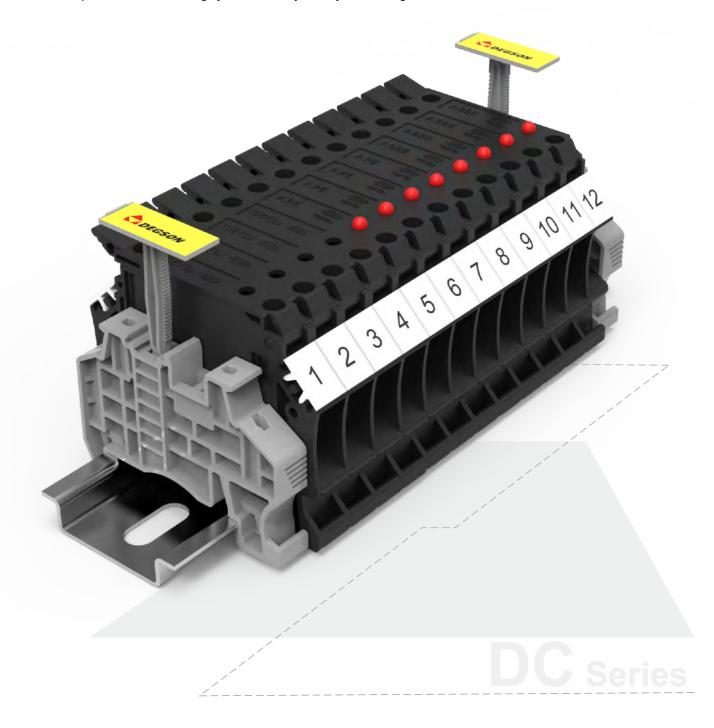
DC95

CE FAT ROHS REACH

| C € EHE ROHS REACH | | | | | | |
|---|--------------------------------|---|-----------------|---------------------------|--------------------|--|
| Order NO. | | 11020000213 | | | | |
| Width/Length/Height(NS35/ | 7.5&NS35/15) mm | 25/83/90.04(97.54) | | | | |
| Electrical Data | | | IEC 0947-7-1 | | UL .1059 | |
| Rated voltage | V | | 000 | | 600 | |
| Rated current | А | | 232 | 2 | 230 | |
| Rated cross section | mm²/AWG | 2 | 5-95 | 2 | -4/0 | |
| Connection capacity | | Solid | Stranded | Ferrule (with and without | ut plastic sleeve) | |
| 1 conductor | mm² | 25-95 | 25-95 | 25-95 | 25-95 | |
| 2 flexible conductors with a | TWIN ferrule mm ² | _ | - | _ | 25-35 | |
| General Information | | | | | | |
| Insulation material/Flamma (according to UL 94) | PA/V0 | | | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | | |
| Stripping length | mm | 33-35 | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements | | | | |
| Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | M8/25(221.5)(250) | | | | |
| Accessories | | | | | | |
| Ferrule | | | | 1 | | |
| Screw(Allen key) | | | | 1 | | |
| Screw | | Hex socket screws | | | | |
| Bridge (2-10P) | | 1 | | | | |
| End cover | | | | 1 | | |
| Partition plate | | I | | | | |
| Marker | 1, 2, 3, 4, 5 A, B, C, D, E | ZT12 | | | | |
| Marker support | | | | 1 | | |
| Terminal strip marker support | | | DLM2 / KLM | 13-20x8 / KLM3- | 44x8 | |
| End clamp | | E-PC 1100A / E-WS N | | | | |

DC Fuse Terminal Blocks

- DC Fuse type terminal blocks, with screw connection technology, highquality steel screw and cage ensure the stable & reliable connection
- Snap-on fuse box for easy fuse replacement
- Equipped with LED indicator for quick identification of fusing status
- Compatible with the marking system to clearly identify the working area







Fuse terminal blocks(5X20)









DC4-HE-LD24

| | | C€ EHE R | ohs reach | l | | C€ EHI Ro | HS REACH | | |
|--|--|-------------------|------------------|-------------------------|------------------------|---|------------|------------------------|----------------------|
| Order NO. | | | 110 | 20000045 | | 11020000120 | | | |
| Width/Length/Height(NS35 | /7.5&NS35/15) mm | | 8/58 | 3/50(57.5) | | 8/58/50(57.5) | | | |
| Electrical Data | | IEC | IEC 60947-7-3 | | UL UL1059 | IEC IEC60947-7-3 | | | |
| Rated voltage | V | 500 600 | | | (Led voltag | 24 e range 12-30 | V) | | |
| Rated current | А | 6.3 6.3 | | | | 6.3 | | | |
| Rated cross section | mm²/AWG | | 0.5-6 | | 20-10 | (|).5-6 | | 20-10 |
| Connection capacity | | Solid | Stranded | Ferrule (with and w | ithout plastic sleeve) | Solid | Stranded | Ferrule (with and with | hout plastic sleeve) |
| 1 conductor | mm² | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 |
| 2 flexible conductors with a | TWIN ferrule mm ² | _ | _ | _ | 0.5-1.5 | _ | _ | _ | 0.5-1.5 |
| General Information | | | | | | | | | |
| Insulation material/Flamm (according to UL 94) | ability rating | | | PA/V0 | | | | PA/V0 | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | | | 9 | | 9 | | | |
| Color | | (please | contact sales | Black for other colo | r requirements) | Black (please contact sales for other color requirements) | | | requirements) |
| Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | | M3/0 | 0.5(4.5)(5.1) | | M3/0.5(4.5)(5.1) | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | | 0.6x3.5 | | | | 0.6x3.5 | |
| Screw | | | Slo | otted screw | | | Slo | tted screw | |
| Bridge (2,3,10P) | וונווווווו | | EBC2-8 / E | EBC3-8 / EBC | 410-8 | | EBC2-8 / E | EBC3-8 / EBC | 10-8 |
| End cover | But ! | | Г | D-DC4-HE | | | D | -DC4-HE | |
| Partition plate | | I | | 1 | | | | | |
| Marker | - in proposition in the control of t | ZB8 | | | | ZB8 | | | |
| Marker support | | | | 1 | | | | 1 | |
| Terminal strip marker support | | | DLM2 / KLN | 13-20x8 / KLN | 13-44x8 | С | DLM2 / KLM | 3-20x8 / KLM | 3-44x8 |
| End clamp | An sh | | E-PC | 1100A / E-WS | N | E-PC 1100A / E-WS N | | N | |

Screw connection technology 1

Fuse terminal blocks(5X20)





C€ EHE ROHS REACH

| Order NO. | | | 11020 | 000121 | |
|--|------------------------------|------------------------------|-------------------------------------|-----------------------|----------------------|
| Width/Length/Height(NS35/ | 8/58/50(57.5) | | | | |
| Electrical Data | IEC IEC60947-7-3 | | | | |
| Rated voltage | V | (1 | 250 (Led voltage range 110-250V) | | |
| Rated current | А | | 6.3 | | |
| Rated cross section | mm²/AWG | 0 | .5-6 | | 20-10 |
| Connection capacity | | Solid | Stranded Fe | errule (with and with | nout plastic sleeve) |
| 1 conductor | mm ² | 0.5-6 | 0.5-4 | 0.5-4 | 0.5-4 |
| 2 flexible conductors with a | TWIN ferrule mm ² | _ | _ | _ | 0.5-1.5 |
| General Information | | | | | |
| Insulation material/Flamma (according to UL 94) | bility rating | | P/ | A/V0 | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | |
| Stripping length | mm | 9 | | | |
| Color | | (please co | B ontact sales fo | lack r other color | requirements |
| Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | | M3/0.5(| (4.5)(5.1) | |
| Accessories | | | | | |
| Ferrule | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.6 | 6x3.5 | |
| Screw | | | Slotte | d screw | |
| Bridge (2,3,10P) | וונוווווו | | EBC2-8 / EB | C3-8 / EBC | 10-8 |
| End cover | | | D-D | C4-HE | |
| Partition plate | | I | | | |
| Marker | | ZB8 | | | |
| Marker support | | I | | | |
| Terminal strip marker support | | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| | At ILear | E-PC 1100A / E-WS N | | | |

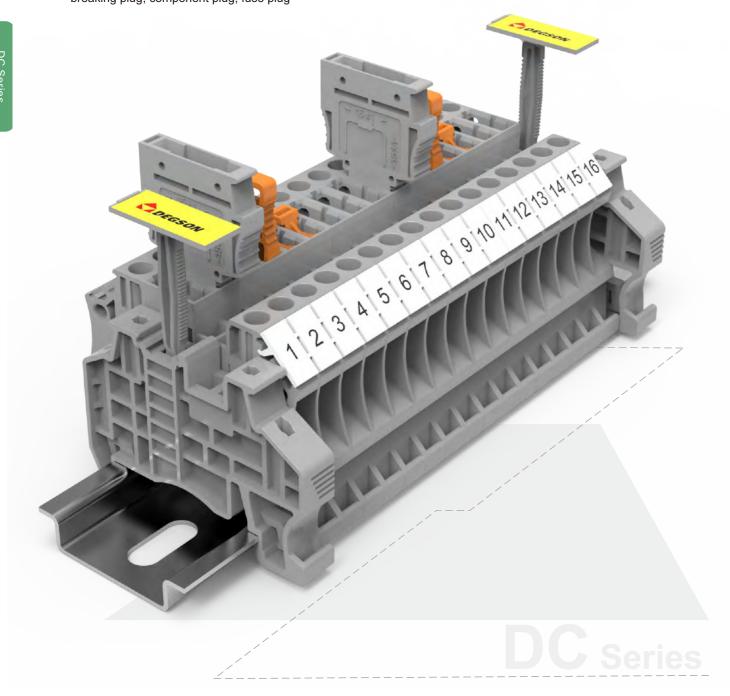
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DC Disconnect Terminal Blocks

- DC Knife disconnect terminal blocks, with screw connection technology, high-quality steel screw and cage ensure the stable & reliable connection
- The circuit can be disconnected, measured, controlled easily by operate the knife disconnector
- Snap-on knife disconnector to prevent accidental disconnection
- Universal breaking area to achieve different functions, can insert breaking plug, component plug, fuse plug







Screw connection technology 1

Disconnect terminal blocks







~~Y _

DC4-MT

DC4-TG

C€ EHE ROHS REACH

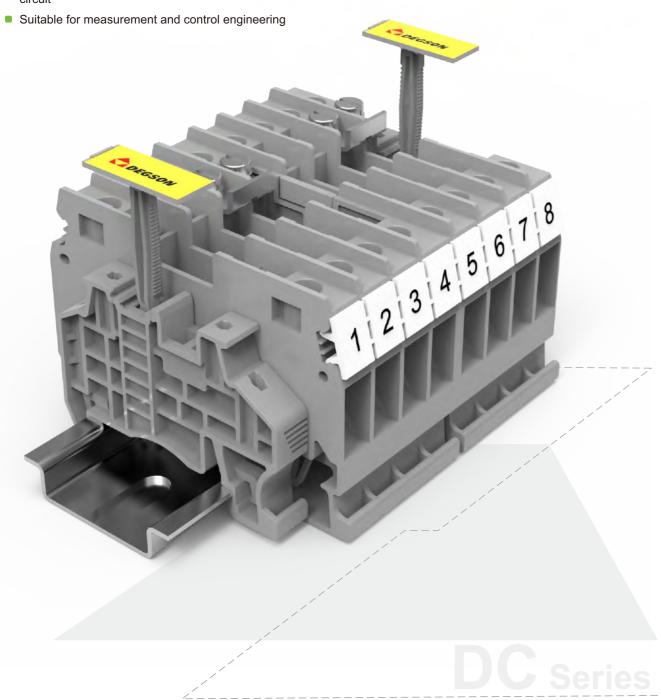
C€ EHE ROHS REACH

| Order NO. | | 110 | 20000187 | 1102 | 0000186 | |
|--|---|---|---|--|---|--|
| Width/Length/Height(NS35/ | 7.5&NS35/15) mm | 6.1/56 | 5.8/41.5(49) | 6.1/56.8 | 3/41.5(49) | |
| Electrical Data | | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-1 | UL UL1059 | |
| Rated voltage | V | 500 | 600 | 500 | 600 | |
| Rated current | А | 20 | 16 | 20 | 16 | |
| Rated cross section | mm ² /AWG | 0.5-6 | 26-10 | 0.5-6 | 26-10 | |
| Connection capacity | | Solid Stranded | Ferrule (with and without plastic sleeve) | Solid Stranded F | Ferrule (with and without plastic sleeve) | |
| 1 conductor | mm ² | 0.5-6 0.5-4 | 0.5-4 0.5-4 | 0.5-6 0.5-4 | 0.5-4 0.5-4 | |
| 2 flexible conductors with a | TWIN ferrule mm ² | | - 0.5-1.5 | | - 0.5-1.5 | |
| General Information | | , | | | | |
| Insulation material/Flamma (according to UL 94) | ability rating | | PA/V0 | F | PA/V0 | |
| Operation temperatures | °C (°F) | -40(-4 | 40)~105(221) | -40(-40 |)~105(221) | |
| Stripping length | mm | | 8-9 | | 8-9 | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Grey, Red, Blue (please contact sales for other color requirements) | | |
| Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | M3/0.65(6.63)(5.76) | | M3/0.65(6.63)(5.76) | | |
| Accessories | | | | | | |
| Matching accessories | E | | 1 | DS-DI / DS-CO / [| DS-FU5 / DS-FU5-LD24 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.6x3.5 | 0. | 6x3.5 | |
| Screw | | Slo | otted screw | Slotte | ed screw | |
| Bridge (2-10P) | 5511 | | DFA4 | 1 | DFA4 | |
| End cover | | D | -DC4-TG | D-0 | DC4-TG | |
| Partition plate | | | 1 | | 1 | |
| Marker | ্ৰাস্থ্য ক্ৰেন্ত্ৰ ক্ৰিন্ত্ৰ ক্ৰেন্ত্ৰ ক্ৰেন্ত্ৰ ক্ৰেন্ত্ৰ | ZB6 | | | ZB6 | |
| Marker support | | | 1 | | 1 | |
| Terminal strip marker support | | DLM2 / KLM | 13-20x8 / KLM3-44x8 | DLM2 / KLM3- | 20x8 / KLM3-44x8 | |
| End clamp | 侧侧 | E-PC 1 | 1100A / E-WS N | E-PC 1100A / E-WS N | | |

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DC Series

- The circuit can be disconnected, measured, controlled easily by operate the slide disconnector
- With bushing and bridges, it can be short-circuited and then opencircuited, which is convenient for protecting and measuring the secondary



Screw connection technology 1

DEGSON

Test disconnect terminal block



DCTK6-20A(H)

C€ EHE ROHS REACH

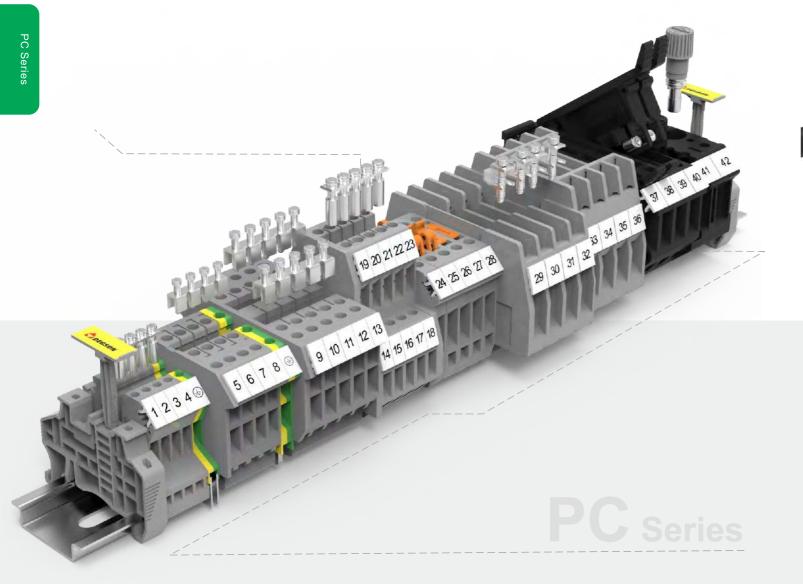
| Width/Length/Height(NS35/7.5&NS35/15) mm 8/69/46.55(54.05) | Order NO. | 11020000234 | | | | |
|--|---------------------------------|-----------------------------|---|------------|-----------------------|---------------------|
| Rated voltage | Width/Length/Height(NS35/7. | 5&NS35/15) mm | 8/69/46.55(54.05) | | | |
| Rated current | Electrical Data | | | | | |
| Rated cross section | Rated voltage | V | | 630 | | 300 |
| Connection capacity Solid Stranded Femule (with and without plastic sleeve) 1 conductor mm² 0.5-6 0.5-6 0.5-6 0.5-6 0.5-6 2 flexible conductors with a TWIN ferrule mm² — — — 0.5-4 General Information Insulation material/Flammability rating (according to UL 94) Operation temperatures °C (°F) -40(-40)-105(221) Stripping length mm 10-11 Color (please contact sales for other color requirement screw/Rated torque -/N.m(lb.in)(kgf.cm) M4/1.2(10.6)(12.24) Accessories Ferrule // Slotted screwdriver size (Blade thickness x Width) mm 1x4 Screw Slotted screw Bridge (2-10P) FBRI2-RTK/S End cover D-DCTK6 Partition plate // Marker grace and screw fixed access for the color requirement | Rated current | А | | 41 | | 45 |
| 1 conductor mm² 0.5-6 0.5-6 0.5-6 0.5-6 0.5-6 2 flexible conductors with a TWIN ferrule mm² — — — — 0.5-4 General Information Insulation material/Flammability rating (according to UL 94) Operation temperatures © (°F) -40(-40)~105(221) Stripping length mm 10-11 Color Grey, Red, Blue (please contact sales for other color requirement screw/Rated torque -/N.m(lb.in)(kgf.cm) M4/1.2(10.6)(12.24) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 1x4 Screw Slotted screw Bridge (2-10P) FBRI2-RTK/S End cover D-DCTK6 Marker greyort / Marker ZB8 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Rated cross section | mm²/AWG | 0 | .5-6 | | 22-8 |
| 2 flexible conductors with a TWIN ferrule mm² 0.5-4 General Information Insulation material/Flammability rating (according to UL 94) Operation temperatures °C (F) -40(-40)-105(221) Stripping length mm 10-11 Color (please contact sales for other color requirement screw/Rated torque -/N.m(lb.in)(kgf.cm) M4/1.2(10.6)(12.24) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 1x4 Screw Slotted screw Bridge (2-10P) FBRI2-RTK/S End cover D-DCTK6 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Connection capacity | | Solid | Stranded F | errule (with and with | out plastic sleeve) |
| General Information Insulation material/Flammability rating (according to UL 94) Operation temperatures **C (*F)** -40(-40)-105(221) Stripping length mm 10-11 Color Grey, Red, Blue (please contact sales for other color requirement sales for other color requirement // **Marker** Screw/Rated torque** // Slotted screwdriver size (Blade thickness x Width) **Emidge** **Insulation material/Flammability rating (according to UL 94) **Marker** **Insulation material/Flammability rating (according to UL 94) **Insulation material/Flammability rating (according | 1 conductor | mm² | 0.5-6 | 0.5-6 | 0.5-6 | 0.5-6 |
| Insulation material/Flammability rating (according to UL 94) Operation temperatures **C (*F)** -40(-40)~105(221) Stripping length mm 10-11 Color Grey, Red, Blue (please contact sales for other color requirement of the color requirement of | 2 flexible conductors with a TV | VIN ferrule mm ² | _ | - | _ | 0.5-4 |
| Queration temperatures C (°F) -40(-40)-105(221) Stripping length mm 10-11 Color Grey, Red, Blue (please contact sales for other color requirement) Screw/Rated torque -/N.m(lb.in)(kgf.cm) M4/1.2(10.6)(12.24) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 1x4 Screw Slotted screw Bridge (2-10P) FBRI2-RTK/S End cover D-DCTK6 Partition plate / Marker ZB8 Marker support DLM2 / KLM3-20x8 / KLM3-44x8 | General Information | | | | | |
| Stripping length mm 10-11 Color Grey, Red, Blue (please contact sales for other color requirement screw/Rated torque -/N.m(lb.in)(kgf.cm) M4/1.2(10.6)(12.24) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 1x4 Screw Slotted screw Bridge (2-10P) FBRI2-RTK/S End cover D-DCTK6 Partition plate / Marker ZB8 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | | | | P | A/V0 | |
| Color Grey, Red, Blue (please contact sales for other color requirement Screw/Rated torque -/N.m(lb.in)(kgf.cm) M4/1.2(10.6)(12.24) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 1x4 Screw Slotted screw Bridge (2-10P) FBRI2-RTK/S End cover D-DCTK6 Partition plate / Marker ZB8 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Operation temperatures | °C (°F) | -40(-40)~105(221) | | | |
| Color (please contact sales for other color requirement Screw/Rated torque -/N.m(lb.in)(kgf.cm) M4/1.2(10.6)(12.24) Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 1x4 Screw Slotted screw Bridge (2-10P) FBRI2-RTK/S End cover D-DCTK6 Partition plate / Marker ZB8 Marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Stripping length | mm | 10-11 | | | |
| Accessories Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 1x4 Screw Slotted screw Bridge (2-10P) FBRI2-RTK/S End cover D-DCTK6 Partition plate / Marker ZB8 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Color | | Grey, Red, Blue (please contact sales for other color requiremen | | | requirements |
| Ferrule / Slotted screwdriver size (Blade thickness x Width) mm 1x4 Screw Slotted screw Bridge (2-10P) FBR12-RTK/S End cover D-DCTK6 Partition plate / Marker ZB8 Marker support / DLM2 / KLM3-20x8 / KLM3-44x8 | Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | M4/1.2(10.6)(12.24) | | | |
| Slotted screwdriver size (Blade thickness x Width) Screw Slotted screw Bridge (2-10P) FBR12-RTK/S End cover D-DCTK6 Partition plate / Marker ZB8 Marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Accessories | | | | | |
| Screw Slotted screw | Ferrule | | | | 1 | |
| Bridge (2-10P) FBRI2-RTK/S D-DCTK6 Partition plate / Marker ZB8 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | | mm | 1x4 | | | |
| End cover D-DCTK6 Partition plate / Marker ZB8 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Screw | | Slotted screw | | | |
| Partition plate / Marker ZB8 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Bridge (2-10P) | | | FBRI | 2-RTK/S | |
| Marker ZB8 Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | End cover | Sara Sara | D-DCTK6 | | | |
| Marker support / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Partition plate | | 1 | | | |
| Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Marker | | ZB8 | | | |
| marker support DLM2 / KLM3-20x8 / KLM3-44x8 | Marker support | | 1 | | | |
| End clamp E-PC 1100A / E-WS N | | | DLM2 / KLM3-20x8 / KLM3-44x8 | | | 3-44x8 |
| | End clamp | 州州 | E-PC 1100A / E-WS N | | | I |

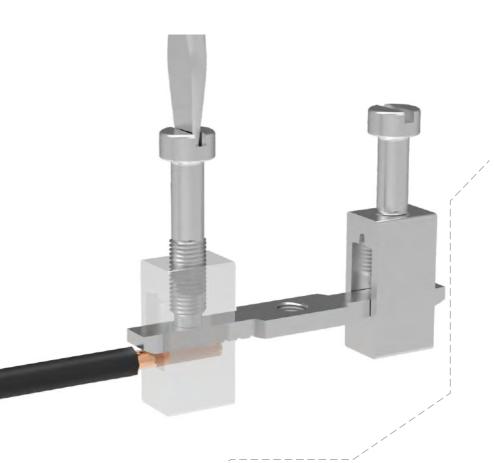
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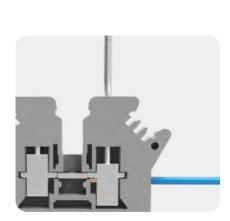
PC-Copper Screw Terminal Blocks

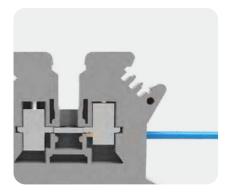
Feature

- Screw connection technology is adopted, with excellent connection airtightness
- All copper alloy material, low contact resistance
- The wiring is very flexible and can realize multi wire connection
- Large area identification space, clear wiring









PC Copper screw terminal blocks adopts copper screw and copper cage to cooperate with clamp wire to ensure excellent connection airtightness and maintain long-term low contact resistance. The raw materials of PA66 plastic parts can meet the working environment of - 40 °C to 105 °C, all PC series products meet UL94 V0 flame retardant grade. Compact structure multi-conductor and multi-layer terminals, saving space in the cabinet.

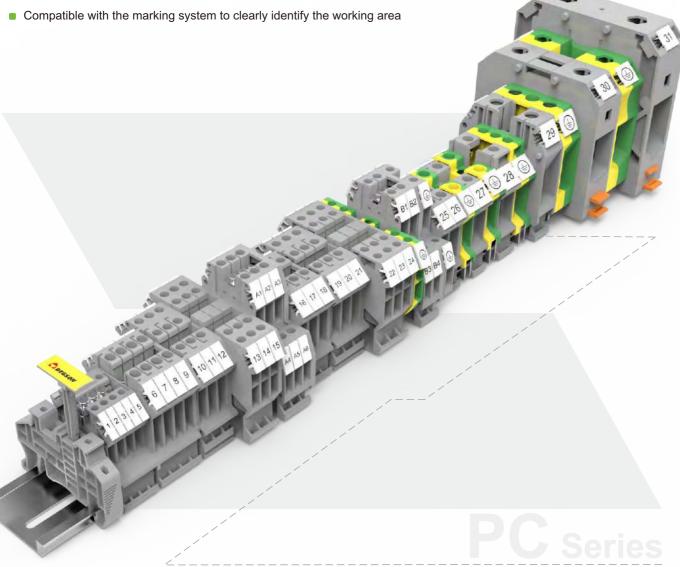
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PC Series

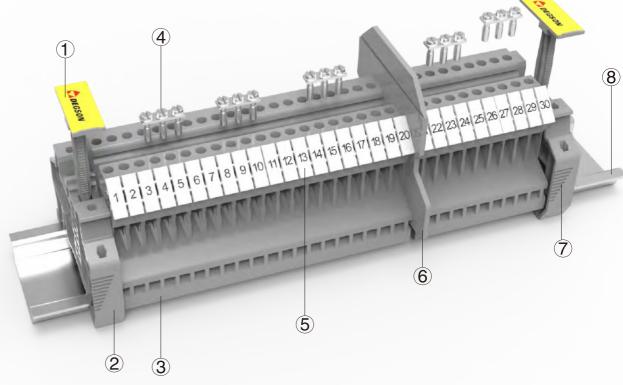
PC Feed-through Terminal Blocks

- PC Feed-through terminal blocks, with screw connection technology, highquality copper screw and cage ensure the stable & reliable connection
- Multi-deck type, space saving

 The fixed bridge can realize the potential distribution of 2-10 positions; By cutting off individual bifurcations, the side plug-in bridge can reach jumped connection







| Description | Part No. | Remark |
|-------------------|----------------------|--|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 Terminal blocks | PC1.5-01P-11-00A(H) | Brass screw type 1.5mm² DIN Rail terminal blocks |
| ④ Fixed bridge | FBRI3-4-00A(H) | 03P bridge, use for PC1.5 |
| ⑤ Marker | ZB4-10P-19-00A(H) | Marker is used for the side of PC1.5 |
| Partition plate | ATP-PC-01P-11-00A(H) | End cover is used for PC1.5 |
| ⑦ End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 8 DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|---|-----------------------|--------------------------|
| | Connection point for wiring | - Fuse connection | o ✓ - ○ Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| <u> </u> | LED light connection | Grounding connection | - Diode connection |

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DEGSON

Feed-through terminal blocks

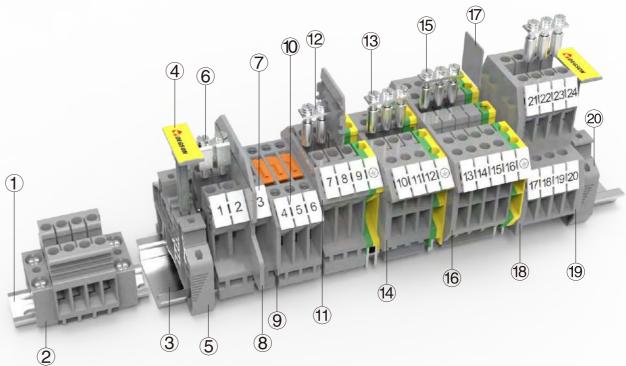




PC1.5

c**91**°us ≙ C€ EHC ROHS REACH

| Order NO. | | | 11010 | 000017 | |
|--|-----------------------|---|----------------|-------------------------|--------------------|
| Width/Length/Height(NS35/7.5&NS | 35/15) mm | 4.2/42.5/42.05(49.55) | | | |
| Electrical Data | | | EC)947-7-1 | | UL 1059 |
| Rated voltage | V | | 500 | (| 600 |
| Rated current | А | 1 | 7.5 | | 10 |
| Rated cross section | mm²/AWG | 0.2 | 2-1.5 | 2 | 6-16 |
| Connection capacity | | Solid | Stranded Fe | errule (with and withou | ut plastic sleeve) |
| 1 conductor | mm² | 0.2-1.5 | 0.2-1.5 | 0.2-1.5 | 0.2-0.5 |
| 2 flexible conductors with a TWIN fe | rrule mm ² | _ | _ | _ | 0.5 |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | |
| Stripping length | mm | 6-7 | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements | | | |
| Screw/Rated torque -/N.m | (lb.in)(kgf.cm) | M2.5/0.2(1.8)(2.04) | | | |
| Accessories | | | | | |
| Ferrule | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.4 | x2.5 | |
| Flexed bridge (2,3,5,10P) | 1111111111 | | FBR | RI10-4 | |
| Insertion bridge (2-10P) | | | | 1 | |
| End cover | - | | D-F | PC1.5 | |
| Separating disk | | | | / | |
| Partition plate | | ATP-PC | | | |
| Marker | ojatorala velepelaju | ZB4 | | | |
| | Approximately | | | | |
| Marker support | - T ~ | | | 1 | |
| Terminal strip marker support | | D | LM2 / KLM3- | 20x8 / KLM3- | 44x8 |
| End clamp | | | E-PC 110 | 0A / E-WS N | |



| Description | Part No. | Remark |
|---------------------|----------------------------|--|
| ① DIN rail | NS15-0050-00A(H) | NS15 DIN rail |
| ② End Clamp | E-PC-DIN15-01P-11-1000A(H) | Fixing products on NS15 DIN rail |
| 3 DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |
| Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ⑤ End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 6 Fixed bridge | FBI2-6-00A(H) | 02P bridge, use for PC2.5B |
| ⑦ Marker | ZB6-10P-19-00A(H) | Marker is used for the side of PC2.5B |
| Partition plate | ATP-PC-01P-11-00A(H) | End cover is used for PC2.5 series |
| 9 End cover | D-PCMT2.5-01P-11-00A(H) | End cover is used for PCMT2.5 |
| 10 Marker | ZB5-10P-19-00A(H) | Marker is used for the side of PC2.5 series |
| ① End cover | D-PC2.5-01P-11-00A(H) | End cover is used for PC2.5 |
| ② Fixed bridge | FBRI2-5-00A(H) | 02P bridge, use for PC2.5 |
| (3) Separating disk | TS-K-01P-11-00A(H) | The Separating disk is used for PC2.5, PCMB2.5 |
| 14 End cover | D-PC4-TW-01P-11-00A(H) | End cover is used for PC2.5-TW |
| (5) Fixed bridge | FBRI3-5-00A(H) | 03P bridge, use for PC2.5 series |
| 16 End cover | D-PCDK2.5-01P-11-00A(H) | End cover is used for PCDK2.5 |
| Separating disk | TS-KK3-01P-11-00A(H) | The Separating disk is used for PCDK2.5, PC2.5B, PCKK2.5 |
| 18 End cover | D-PCKK2.5-01P-11-00A(H) | End cover is used for PCKK2.5 |
| Compensation plate | DP-PCKK2.5-01P-11-00A(H) | End cover is used for PCKK2.5 series |
| 20 End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|--------------------------|--------------------------|
| | O Connection point for wiring | Fuse connection | o ✓ - o Disconnecting |
| | Connection point for bridging | - Resistance connection | Circuit connection point |
| · - | LED light connection | Grounding connection | Diode connection |

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Feed-through, multi-conductor, multi-level, and ground terminal blocks







PC2.5

| | c ₹N° us ♠ C€ EHE ROHS REACH | c ≈l °us <u></u> | | |
|--|--|--|--|--|
| Order NO. | 11010000031 | 11010000041 | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5.2/42.5/47.25(54.75) | 5.2/42.5/47.25(54.75) | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | |
| Rated voltage V | 800 600 | 1 | | |
| Rated current A | 24 20 | 1 | | |
| Rated cross section mm ² /AWG | 0.2-2.5 24-12 | 0.2-2.5 24-12 | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.2-2.5 0.2-2.5 0.2-2.5 0.2-1.5 | 0.2-2.5 0.2-2.5 0.2-2.5 0.2-1.5 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-0.75 | 0.5-0.75 | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | |
| Operation temperatures ${}^{\circ}\mathbb{C}$ (${}^{\circ}\mathbb{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | |
| Stripping length mm | 7 | 9-10 | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow and green | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M3/0.5(4.5)(5.1) | M3/0.5(4.5)(5.1) | | |
| Accessories | | | | |
| Ferrule | 1 | I | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 | | |
| Flexed bridge (2,3,4,5,6,8,10P) | FBRI10-5 | 1 | | |
| Insertion bridge (2-10P) | EB2-5 / EB3-5 / EB10-5 | EB2-5 / EB3-5 / EB10-5 | | |
| End cover | D-PC2.5 | 1 | | |
| Separating disk | TS-K | 1 | | |
| Partition plate | ATP-PC | I | | |
| Marker Appropriate | ZB5 / ZS5 | ZB5 / ZS5 | | |
| Marker support | 1 | I | | |
| Terminal strip | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| marker support | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | |
| Dali Nati | 2.5 | 2.5 | | |

Screw connection technology 2

Feed-through, multi-conductor, multi-level, and ground terminal blocks



PC2.5B

CSAN° US △ C€ ERI ROHS REACH

| Order NO. | | | 11010 | 000032 | |
|--|-----------------|--|----------------|-----------------------|--------------------|
| Width/Length/Height(NS35/7.5&NS35 | /15) mm | 6.2/42.5/42.05(49.55) | | | |
| Electrical Data | | | EC)947-7-1 | UL | |
| Rated voltage | V | | 300 | | 1059 |
| Rated current | А | | 24 | : | 20 |
| Rated cross section | mm²/AWG | 0.: | 2-2.5 | 24 | 1-12 |
| Connection capacity | | Solid | Stranded Fe | rule (with and withou | rt plastic sleeve) |
| 1 conductor | mm ² | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 |
| 2 flexible conductors with a TWIN ferru | ıle mm² | _ | _ | _ | 0.5-0.75 |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | |
| Stripping length | mm | 7 | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirement | | | quirements |
| Screw/Rated torque -/N.m(lb | .in)(kgf.cm) | M3/0.5(4.5)(5.1) | | | |
| Accessories | | | | | |
| Ferrule | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.6 | x3.5 | |
| Flexed bridge (2,3,5,7,8,10P) | MINITE | | FBI | 10-6 | |
| Insertion bridge (2-10P) | וווווווו | | EB2-6 / EB3 | 3-6 / EB10-6 | |
| End cover | | | D-P | C1.5 | |
| Separating disk | | | TS- | KK3 | |
| Partition plate | 2 | ATP-PC | | | |
| Marker deposits the control of the c | | ZB6 / ZS6 | | | |
| Marker support | 2 | | | I | |
| Terminal strip marker support | TT | D | LM2 / KLM3-2 | 0x8 / KLM3- | 44x8 |
| End clamp | | | F-PC 1100 | A / E-WS N | |

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Feed-through, multi-conductor, multi-level, and ground terminal blocks







PC2.5-TW

PC2.5-TW-PE

| | | rnr | Dalle | DEAGU | |
|-----|-----|-----|-------|-------|--|
| 211 | (+ | HI | RIIH2 | REACH | |

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| r c | 101 | Rohs | DEAPL |
|-----|-----|------|-------|
| | | | |

| | | | THE HOUSE | | | C IIII HOH | | | |
|---|---------------|------------|----------------------------|-------------------------------|--------------------|------------------|----------------|----------------------|---------------------|
| Order NO. | | | 11010 | 0000033 | | | 110 | 10000042 | |
| Width/Length/Height(NS35/7.5&NS35/ | 15) mm | | 5.2/50.1/4 | 17.25(54.75) | | | 5.2/50. | 1/47.25(54.75 |) |
| Electrical Data | | | EC)947-7-1 | | UL .1059 | | EC)947-7-2 | | UL UL1059 |
| Rated voltage | V | 4 | 100 | | 300 | | 1 | | 1 |
| Rated current | А | | 24 | | 20 | | 1 | | 1 |
| Rated cross section | mm²/AWG | 0.: | 2-2.5 | 2 | 4-14 | 0. | 2-2.5 | : | 24-14 |
| Connection capacity | | Solid | Stranded F | errule (with and witho | ut plastic sleeve) | Solid | Stranded | Ferrule (with and wi | thout plastic sleev |
| 1 conductor | mm² | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 |
| 2 flexible conductors with a TWIN ferru | le mm² | _ | _ | - | 0.5-0.75 | _ | _ | _ | 0.5-0.75 |
| General Information | | | | | | | | | |
| Insulation material/Flammability ratir (according to UL 94) | ng | | P | A/V0 | | | | PA/V0 | |
| Operation temperatures | °C (°F) | | -40(-40) | ~105(221) | | | -40(-4 | 40)~105(221) | |
| Stripping length | mm | | 9 |)-10 | | 9-10 | | | |
| Color | | (please co | Grey, I ontact sales fo | Red, Blue r other color re | equirements) | Yellow and green | | | |
| Screw/Rated torque -/N.m(lb. | in)(kgf.cm) | | M3/0.5 | (4.5)(5.1) | | M3/0.5(4.5)(5.1) | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.0 | 6x3.5 | | | | 0.6x3.5 | |
| Flexed bridge (2,3,4,5,6,8,10P) | mmm | | FBI | RI10-5 | | | | 1 | |
| Insertion bridge (2-10P) | mmmm | | EB2-5 / EB | 33-5 / EB10-5 | i | | EB2-5/ | EB3-5 / EB10- | ·5 |
| End cover | Time | | D-P | C4-TW | | | | 1 | |
| Separating disk | | | | 1 | | | | 1 | |
| Partition plate | | | | 1 | | | | 1 | |
| Marker department require | | | ZB5 | / ZS5 | | | Z | B5 / ZS5 | |
| Marker support | | | | 1 | | | | 1 | |
| Terminal strip marker support | TT | D | LM2 / KLM3- | 20x8 / KLM3 | -44x8 | D | LM2 / KLM | 3-20x8 / KLM | 3-44x8 |
| End clamp | 他 | | E-PC 110 | 00A / E-WS N | | | E-PC 1 | 100A / E-WS | N |







Feed-through, multi-conductor, multi-level, and ground terminal blocks

Screw connection

technology 2

(according to UL 94)

Terminal strip

marker support

End clamp

°C (°F)



PCDK2.5



PA/V0

-40(-40)~105(221)

DLM2 / KLM3-20x8 / KLM3-44x8

E-PC 1100A / E-WS N

0-0---0-0

0-0-

PCDK2.5-PE

C€ EHE ROHS REACH

| 2 91 ° us | ϵ | EHE | RoHS | REACH |
|------------------|------------|-----|------|-------|

| Order NO. | | | 11010 | 000115 | | 11010000116 | | | |
|---|-----------------|---------|---------------|---|--------------------|-------------|----------------|------------------------|----------------------|
| Width/Length/Height(NS35/7.5&NS35/15) | mm | | 5.2/63.5/4 | 5.2/63.5/47.25(54.75) 5.2/63.5/47.25(54.75) | | | | | |
| Electrical Data | | | EC 947-7-1 | | JL 1059 | | EC)947-7-2 | l | UL JL1059 |
| Rated voltage | V | 5 | 500 | 3 | 00 | | 1 | | 1 |
| Rated current | Α | | 24 | | 20 | | 1 | | 1 |
| Rated cross section mm ² /A | wg | 0.2 | 2-2.5 | 24 | -12 | 0.2 | 2-2.5 | | 24-12 |
| Connection capacity | | Solid | Stranded F | errule (with and withou | ut plastic sleeve) | Solid | Stranded | Ferrule (with and with | nout plastic sleeve) |
| 1 conductor | mm ² | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | _ | _ | 0.5-1 | _ | _ | - | 0.5-1 |
| General Information | | | | | | | | | |
| | | | | | | | | | |

PA/V0

-40(-40)~105(221)

| ., | | | |
|--|---------------|--|------------------------|
| Stripping length | mm | 7-8 | 7-8 |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | Yellow and green |
| Screw/Rated torque -/N.m(II | b.in)(kgf.cm) | M3/0.5(4.5)(5.1) | M3/0.5(4.5)(5.1) |
| Accessories | | | |
| Ferrule | | I | 1 |
| Slotted screwdriver size (Blade thickness x Width) | mm | 0.6x3.5 | 0.6x3.5 |
| Flexed bridge (2,3,4,5,6,8,10P) | 1111111111 | FBRI10-5 | I |
| Insertion bridge (2-10P) | ווווווווו | EB2-5 / EB3-5 / EB10-5 | EB2-5 / EB3-5 / EB10-5 |
| End cover | | D-PCDK2.5 | 1 |
| Separating disk | | TS-KK3 | I |
| Partition plate | | I | I |
| Marker same same same same same same same same | | ZB5 / ZS5 | ZB5 / ZS5 |
| Marker support | | , | 1 |

DLM2 / KLM3-20x8 / KLM3-44x8

E-PC 1100A / E-WS N

-156-





Feed-through, multi-conductor, multi-level, and ground terminal blocks



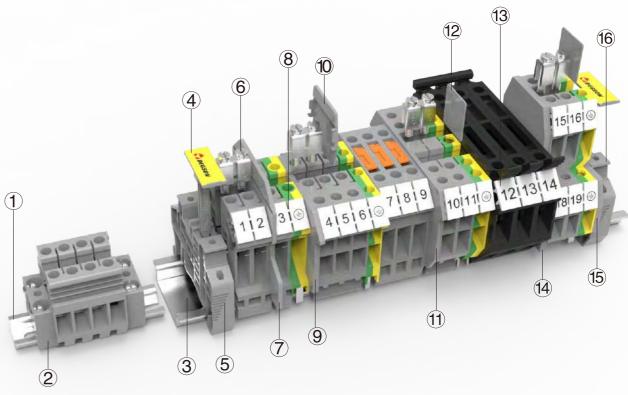




PCKK2.5-PV



| | | c SU °us 📤 | C€ EHE RO | DHS REACH | | △ CE E⊞ | RoHS RI | ACH | |
|---|---|---|-----------------|------------------------|--|------------------|---------------|------------------------|---------------------|
| Order NO. | Order NO. | | | 10000123 | | 11010000124 | | | |
| Width/Length/Height(NS35/7.5&NS35 | 5/15) mm | | 5.2/56 | /61.95(69.45) | | | 5.2/56/ | 61.95(69.45) | |
| Electrical Data | | | IEC 0947-7-1 | U | UL L1059 | | EC 947-7-1 | | UL .1059 |
| Rated voltage | V | | 500 | | 300 | 5 | 00 | ; | 300 |
| Rated current | А | | 24 | | 20 | 2 | 4 | | 20 |
| Rated cross section | mm²/AWG | 0. | .2-2.5 | : | 24-12 | 0.2 | -2.5 | 24 | 1 -12 |
| Connection capacity | | Solid | Stranded | Ferrule (with and with | nout plastic sleeve) | Solid | Stranded | Ferrule (with and with | out plastic sleeve) |
| 1 conductor | mm² | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 |
| 2 flexible conductors with a TWIN ferr | ule mm² | _ | _ | - | 0.5-1 | _ | _ | _ | 0.5-1 |
| General Information | | | | | | | | | |
| Insulation material/Flammability rat (according to UL 94) | ing | | | PA/V0 | | | | PA/V0 | |
| Operation temperatures | °C (°F) | | -40(-4 | 0)~105(221) | | | -40(-4 | 0)~105(221) | |
| Stripping length | mm | | 8-9 | | | 8-9 | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | | Grey, Red, Blue (please contact sales for other color requirements) | | | quirements) | |
| Screw/Rated torque -/N.m(Ib | o.in)(kgf.cm) | | M3/0 | .5(4.5)(5.1) | | M3/0.5(4.5)(5.1) | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | (| 0.6x3.5 | | | (|).6x3.5 | |
| Flexed bridge (2,3,4,5,6,8,10P) | mmmm | | F | BRI10-5 | | | FI | BRI10-5 | |
| Insertion bridge (2-10P) | ורווווווווווווווווווווווווווווווווווווו | | EB2-5 / I | EB3-5 / EB10- | 5 | | EB2-5 / E | EB3-5 / EB10-5 | |
| End cover | 4 | | D- | PCKK2.5 | | | D-l | PCKK2.5 | |
| Separating disk | | | | TS-KK3 | | | 1 | S-KK3 | |
| Partition plate | | | | 1 | | | | 1 | |
| Compensation plate | | | DP | -PCKK2.5 | | | DP- | -PCKK2.5 | |
| Marker Jalan september | | | ZE | 35 / ZS5 | | | ZE | 35 / ZS5 | |
| Marker support | | | | 1 | | | | 1 | |
| Terminal strip marker support | TT | [| DLM2 / KLM | 3-20x8 / KLM3 | 3-44x8 | D | LM2 / KLM | 3-20x8 / KLM3 | -44x8 |
| End clamp | | | E-PC 1 | 100A / E-WS N | 1 | | E-PC 1 | 100A / E-WS N | |



| | Description | No. | Remark |
|------|--------------------|----------------------------|--|
| 1 | DIN rail | NS15-0050-00A(H) | NS15 DIN rail |
| (2) | End Clamp | E-PC-DIN15-01P-11-1000A(H) | Fixing products on NS15 DIN rail |
| 3 | DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |
| 4 | Marker carirer | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| (5) | End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 6 | Fixed bridge | FBI2-6-00A(H) | 02P bridge, use for PC4 |
| 7 | Marker | ZB6-10P-19-00A(H) | Marker is used for the side of PC4 series |
| 8 | End cover | D-PC4-TW-01P-11-00A(H) | End cover is used for PC4-TW |
| 9 | Insertion bridge | EB3-6-11-00A(H) | 03P bridge, use for PC4 series |
| 10 | Separating disk | TS-K-01P-11-00A(H) | The Separating disk is used for PC4, PCMB4 |
| 11) | End cover | D-PCDK2.5-01P-11-00A(H) | End cover is used for PCDK4 |
| 12 | Separating disk | TS-KK3-01P-11-00A(H) | The Separating disk is used for PCDK4, PCKK4 |
| 13 | Marker | ZB8-10P-19-00A(H) | Marker is used for the side of PC4-HE |
| (14) | End cover | D-PCKK2.5-01P-11-00A(H) | End cover is used for PCKK4 |
| (15) | Compensation plate | DP-PCKK2.5-01P-11-00A(H) | End cover is used for PCKK4 series |
| 16 | End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| | O Connection point for wiring | - Fuse connection | o →- o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| · - | LED light connection | Grounding connection | Diode connection |

-157- -158-



Feed-through, multi-conductor, multi-level, and ground terminal blocks







c**SU**°us 🕸

PC4

| 🕾 CE UNL NUNO NEAGN (370 US 🕮 CE UNL NUNO NEAGN | ≙ (€ | ERE ROHS REACH | ₽N°us △ C€ EHI ROHS REACH |
|---|-------------|----------------|---------------------------|
|---|-------------|----------------|---------------------------|

| Order NO. | 11010000068 | 1101000077 | | | |
|--|--|--|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 6.2/42.5/47.25(54.75) | 6.2/42.5/47.25(54.75) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 800 600 | 1 | | | |
| Rated current A | 32 30 | 1 | | | |
| Rated cross section mm ² /AWG | 0.2-4 24-10 | 0.2-4 24-10 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.2-4 0.2-4 0.2-4 0.2-2.5 | 0.2-4 0.2-4 0.2-4 0.2-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.25-2.5 | 0.25-2.5 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}\mathbb{C}$ ($^{\circ}\mathbb{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 8-9 | 8-9 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow and green | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M3/0.5(4.5)(5.1) | M3/0.5(4.5)(5.1) | | | |
| Accessories | | | | | |
| Ferrule | 1 | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | 0.6x3.5 | | | |
| Flexed bridge (2,3,5,7,8,10P) | FBI10-6 | I | | | |
| Insertion bridge (2-10P) | EB2-6 / EB3-6 / EB10-6 | EB2-6 / EB3-6 / EB10-6 | | | |
| End cover | D-PC2.5 | I | | | |
| Separating disk | TS-K | 1 | | | |
| Partition plate | ATP-PC | 1 | | | |
| Marker | ZB6 / ZS6 | ZB6 / ZS6 | | | |
| Marker support | 1 | 1 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | , DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |







Screw connection technology 2

Feed-through, multi-conductor, multi-level, and ground terminal blocks







PC4-TW

PC4-TW-PE

c**\$33**°us C€ EHE ROHS REACH

C€ EHE ROHS REACH

| Order NO. | | | 11010000070 | | 11010 | 000078 | |
|--|---|------------------|---|-------|------------------|----------------------------------|---------|
| Width/Length/Height(NS35/7. | .5&NS35/15) mm | 6 | .2/50.1/47.25(54.75) | | 6.2/50.1/4 | 17.25(54.75) | |
| Electrical Data | | IEC IEC60947- | UL 7-1 UL1059 | IEC | IEC 60947-7-2 | UL UL1059 | |
| Rated voltage | V | 500 | 300 | | 1 | 1 | |
| Rated current | А | 32 | 30 | | 1 | 1 | |
| Rated cross section | mm²/AWG | 0.2-4 | 24-12 | | 0.2-4 | 24-12 | |
| Connection capacity | | Solid Stra | anded Ferrule (with and without plastic sleeve) | Solid | Stranded F | errule (with and without plastic | sleeve) |
| 1 conductor | mm ² | 0.2-4 | 0.2-4 0.2-4 0.2-2.5 | 0.2-4 | 0.2-4 | 0.2-4 0.2 | 2-2.5 |
| 2 flexible conductors with a TV | WIN ferrule mm ² | _ | - | _ | _ | – 0.9 | 5-1.5 |
| General Information | | | | | | | |
| Insulation material/Flammab (according to UL 94) | oility rating | | PA/V0 | | P | A/V0 | |
| Operation temperatures | °C (°F) | | -40(-40)~105(221) | | -40(-40) | ~105(221) | |
| Stripping length | mm | | 8-10 | | 8 | -10 | |
| Color | | (please contact | Grey, Red, Blue sales for other color requirements) | | Yellow | and green | |
| Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | | M3/0.5(4.5)(5.1) | | M3/0.5 | 6(4.5)(5.1) | |
| Accessories | | | | | | | |
| Ferrule | | | 1 | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.6x3.5 | | 0.0 | 6x3.5 | |
| Flexed bridge (2,3,5,7,8,10 | OP) IIIIIII | | FBI10-6 | | | 1 | |
| Insertion bridge (2-10P) | ווווווווווווווווווווווווווווווווווווווו | EB | 2-6 / EB3-6 / EB10-6 | | EB2-6 / EB | 3-6 / EB10-6 | |
| End cover | | | D-PC4-TW | | | 1 | |
| Separating disk | | | TS-K | | | 1 | |
| Partition plate | | | 1 | | | 1 | |
| | 20 (1-10) - 1-100 (80 | | ZB6 / ZS6 | | ZB6 | / ZS6 | |
| Marker support | to the topological | | 1 | | | 1 | |
| Terminal strip | TT | DIM2 | / / KLM3-20x8 / KLM3-44x8 | | DIM2 / KIM2 1 | 20x8 / KLM3-44x8 | |
| marker support | | | | | | | |
| End clamp | Auli Dell | E | E-PC 1100A / E-WS N | | E-PC 110 | DA / E-WS N | |

-159--160-



Feed-through, multi-conductor, multi-level, and ground terminal blocks



0-0---0-0



PCDK4-PE



PCDK4

| ### Color ### Co | | | | ₽ 1° US <u>Ø€</u> | C€ EHE ROH | S REACH | | C€ EHE Ro | HS REACH | | |
|--|---------------------------------|------------|-----------|---|-------------|-----------------------|--------------------|-----------------------|-------------|-----------------------|-------------------|
| IEC | Order NO. | | | | 11010 | 000117 | | | 11010 | 0000120 | |
| Rated voltage | Width/Length/Height(NS35/7.5 | &NS35/15) |) mm | | 6.2/63.5/4 | 7.25(54.75) | | 6.2/63.5/47.25(54.75) | | | |
| Rated current A 32 30 | Electrical Data | | | | | | | | | U | |
| Rated cross section mm²/AWG 0.2-4 24-10 0.2-4 24-10 24-10 | Rated voltage | | V | (| 330 | : | 300 | | 1 | | 1 |
| Solid Stranded Femble With and without plands: shower) Solid Stranded Strand | Rated current | | А | | 32 | | 30 | | 1 | | / |
| 1 conductor | Rated cross section | mm | n²/AWG | 0 | .2-4 | 2 | 4-10 | 0. | .2-4 | 2 | 24-10 |
| ### 2 | Connection capacity | | | Solid | Stranded Fe | rrule (with and witho | ut plastic sleeve) | Solid | Stranded F | errule (with and with | out plastic sleev |
| Partition plate Partition | 1 conductor | | mm² | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-2.5 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-2 |
| PAI/V0 | 2 flexible conductors with a TW | IN ferrule | mm² | _ | _ | _ | 0.5-1 | _ | _ | _ | 0.5- |
| PAVV | General Information | | | | | | | | | | |
| Stripping length | | ity rating | | PA/V0 | | | PA/V0 | | | | |
| Color Grey, Red, Blue | Operation temperatures | | °C (°F) | | -40(-40) | ~105(221) | | | -40(-40) |)~105(221) | |
| Color | Stripping length | | mm | 7-8 | | 7-8 | | | | | |
| Accessories | Color | | | Grey, Red, Blue (please contact sales for other color requirements) | | Yellow and green | | | | | |
| Ferrule | Screw/Rated torque -/ | N.m(lb.in) |)(kgf.cm) | | M3/0.5(| 4.5)(5.1) | | | M3/0.5 | 5(4.5)(5.1) | |
| Slotted screwdriver size (Blade thickness x Width) mm 0.6x3.5 0.6x3.5 | Accessories | | | | | | | | | | |
| Blade thickness x Width | Ferrule | | | | | / | | | | 1 | |
| Insertion bridge (2-10P) | | | mm | | 0.6 | x3.5 | | | 0.0 | 6x3.5 | |
| D-PCDK2.5 | Flexed bridge (2,3,5,7,8,10F | P) | mmm | | FBI | 10-6 | | | | 1 | |
| Separating disk | Insertion bridge (2-10P) | | קקקקקקק | | EB2-6 / EB | 3-6 / EB10-6 | j | | EB2-6 / EB | 33-6 / EB10-6 | 3 |
| Partition plate | End cover | | | | D-PC | DK2.5 | | 1 | | | |
| Marker ZB6 / ZS6 ZB6 / ZS6 Marker support / / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 DLM2 / KLM3-20x8 / KLM3-44x8 | Separating disk | | | | TS- | -KK3 | | | | 1 | |
| Marker support / / / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 DLM2 / KLM3-20x8 / KLM3-44x8 | Partition plate | | | | | / | | | | / | |
| Marker support / / / Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 DLM2 / KLM3-20x8 / KLM3-44x8 | Marker | | | ZB6 / ZS6 | | | ZB6 | 5 / ZS6 | | | |
| Terminal strip marker support DLM2 / KLM3-20x8 / KLM3-44x8 DLM2 / KLM3-20x8 / KLM3-44x8 | <u> </u> | em.d | \ | | | | | | | | |
| marker support | Terminal strip | | TT | r | | | -44x8 | וח | M2 / KI M3- | | .44x8 |
| End clamp | | | | | | | | | | | |





Screw connection technology 2

Feed-through, multi-conductor, multi-level, and ground terminal blocks





PCKK4



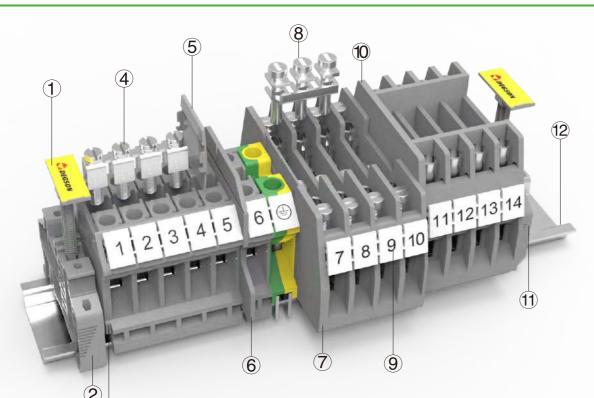
PCKK4-PE

c**\$1**°us ♠ C€ EHI ROHS REACH

C€ EHE ROHS REACH

| | | C TLL US E | כל נחו ח | UIIO IILAUII | | C C CIIL INC | IIIO IILKUII | | |
|--|-----------------|---|------------------|------------------------|----------------------|--------------|---------------|---------------------------|---------------------|
| Order NO. | | | 110 | 10000135 | | 11010000139 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) | mm | | 6.2/56 | /61.95(69.45) | | | 6.2/56/61 | .95(69.45) | |
| Electrical Data | | IEC | IEC 60947-7-1 | l | UL JL1059 | | EC 947-7-2 | | JL 1059 |
| Rated voltage | V | | 500 | | 300 | | 1 | | 1 |
| Rated current | Α | | 32 | | 30 | | 1 | | 1 |
| Rated cross section mm ² / | /AWG | | 0.2-4 | | 26-10 | C | .2-4 | 2 | 6-10 |
| Connection capacity | | Solid | Stranded | Ferrule (with and with | hout plastic sleeve) | Solid | Stranded F | Ferrule (with and without | out plastic sleeve) |
| 1 conductor | mm ² | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-2.5 | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-2.5 |
| 2 flexible conductors with a TWIN ferrule | mm ² | _ | _ | - | 0.5-1.5 | _ | _ | - | 0.5-1.5 |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | | PA/V0 | | PA/V0 | | | |
| Operation temperatures °C | (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 8 | | 8 | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Yellow and green | | | | | |
| Screw/Rated torque -/N.m(lb.in)(kg | gf.cm) | M3/0.5(4.5)(5.1) | | | M3/0.5(4.5)(5.1) | | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | | 0.6x3.5 | | | 0.6 | x3.5 | |
| Flexed bridge (2,3,5,7,8,10P) | Tiiiii | | | FBI10-6 | | 1 | | | |
| Insertion bridge (2-10P) | 7//////// | | EB2-6 / | EB3-6 / EB10 | -6 | | EB2-5 / EB | 3-5 / EB10-5 | |
| End cover | - | | D- | PCKK2.5 | | 1 | | | |
| Separating disk | | | | TS-KK3 | | 1 | | | |
| Partition plate | | 1 | | | 1 | | | | |
| Compensation plate | Va - | DP-PCKK2.5 | | | | DP-P0 | CKK2.5 | | |
| Marker server se | | ZB6 / ZS6 | | | ZB6 | / ZS6 | | | |
| Marker support | | | | 1 | | | | 1 | |
| Terminal strip marker support | T | [| DLM2 / KLM | 3-20x8 / KLM3 | 3-44x8 | DI | _M2 / KLM3-2 | 20x8 / KLM3-4 | 14x8 |
| End clamp | 鯯 | | E-PC 1 | 100A / E-WS N | ı | Е | -WS / E-PC | / E-MK / E-W | SN |

-162-



| Description | No. | Remark |
|--------------------|---------------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 End cover | D-PC2.5-01P-11-00A(H) | End cover is used for PC6 |
| ④ Fixed bridge | FBI4-8-00A(H) | 04P bridge, use for Pc6 |
| ⑤ Insertion bridge | ATP-PC-01P-11-00A(H) | 03P bridge, use for Pc6 |
| 6 Separating disk | TS-K-01P-11-00A(H) | The Separating disk is used for PC6 |
| ⑦ End cover | D-PCTK6-01P-11-00A(H) | End cover is used for PCTK6 |
| Fixed bridge | FB3-RTK/S-00A(H) | 03P bridge, use for PCTK6 |
| Marker | ZB8-10P-19-00A(H) | Marker is used for the side of PC6 series |
| 10 End cover | D-PCTK6-BEN-01P-11-00A(H) | End cover is used for PCTK6-BEN |
| ① End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ② DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| | O Connection point for wiring | Fuse connection | o → o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| | LED light connection | Grounding connection | Diode connection |





Feed-through and ground terminal blocks











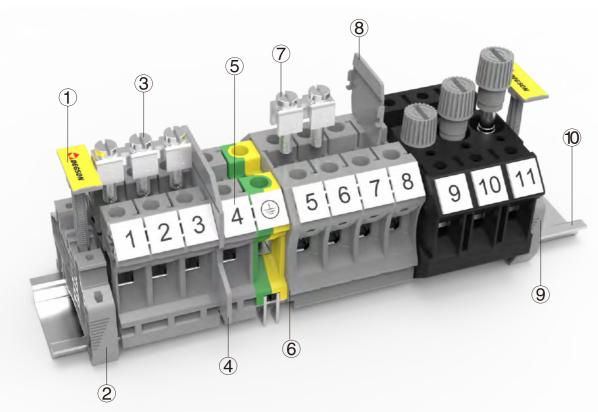
PC6-PE

| | \wedge | | rnr | B 110 | DELGII | |
|-----------|----------|----|-----|-------|--------|--|
| c SII IIs | (DVE) | CE | FHL | KOHS | REACH | |

c**\$N**°us ♠ C€ EHC ROHS REACH

| Order NO. | | 11010000092 | | 110 | 10000097 | |
|---|-------------------------|---|---|---------------------|---|--|
| Width/Length/Height(NS35/7.5&N | S35/15) mm | 8.2/42 | .5/47.25(54.75) | 8.2/42. | 5/47.25(54.75) | |
| Electrical Data | | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-2 | UL UL1059 | |
| Rated voltage | V | 800 | 600 | 1 | 1 | |
| Rated current | А | 41 | 50 | 1 | 1 | |
| Rated cross section | mm²/AWG | 0.2-6 | 24-8 | 0.2-6 | 24-8 | |
| Connection capacity | | Solid Stranded | Ferrule (with and without plastic sleeve) | Solid Stranded | Ferrule (with and without plastic sleeve) | |
| 1 conductor | mm² | 0.2-6 0.2-6 | 0.2-6 0.2-2.5 | 0.2-6 0.2-6 | 0.2-6 0.2-2.5 | |
| 2 flexible conductors with a TWIN | ferrule mm ² | | - 0.5-4 | | - 0.5-4 | |
| General Information | | | | | | |
| Insulation material/Flammability (according to UL 94) | rating | | PA/V0 | | PA/V0 | |
| Operation temperatures | °C (°F) | -40(- | 40)~105(221) | -40(-4 | 40)~105(221) | |
| Stripping length | mm | 8-9 | | 8-9 | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Yellow and green | | |
| Screw/Rated torque -/N.I | m(lb.in)(kgf.cm) | M3/ | 0.5(4.5)(5.1) | M3/0.5(4.5)(5.1) | | |
| Accessories | | | | | | |
| Ferrule | | | 1 | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 1x4 | | 1x4 | |
| Flexed bridge (2,3,4,5,6,8,10P |) 111111111 | | FB10-8 | | 1 | |
| Insertion bridge (2-10P) | 1000000 | EB2-8 / | EB3-8 / EB10-8 | EB2-8 / | EB3-8 / EB10-8 | |
| End cover | | | D-PC2.5 | | / | |
| Separating disk | | | TS-K | 1 | | |
| Partition plate | | ATP-PC | | | 1 | |
| Marker | | ZB8 / ZS8 | | Z | B8 / ZS8 | |
| Marker support | | | 1 | | 1 | |
| Terminal strip | TT | DIM2 / KII | ИЗ-20x8 / KLM3-44x8 | DIM2 / KIM | 3-20x8 / KLM3-44x8 | |
| marker support | | | | | | |
| End clamp | | E-PC | 1100A / E-WS N | E-PC 1 | 100A / E-WS N | |

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| Description | No. | Remark |
|------------------|-----------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ③ Fixed bridge | FBI3-10-00A(H) | 03P bridge, use for PC10 |
| Partition plate | ATP-PC-01P-11-00A(H) | End cover is used for PC10 |
| ⑤ Marker | ZB10-10P-19-00A(H) | Marker is used for the side of Pc10 series |
| 6 End cover | D-PC10-01P-11-105A(H) | End cover is used for PC10-105A(H) |
| ⑦ Fixed bridge | FBI2-10-00A(H) | 02P bridge, use for PC10-105A(H) |
| Separating disk | TS-K-01P-11-00A(H) | The Separating disk is used for PC10 series |
| End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 10 DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|-----------------------|--------------------------|
| _ | O Connection point for wiring | Fuse connection | o ✓- o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| ŧ. | LED light connection | Grounding connection | Diode connection |



Feed-through and ground terminal blocks







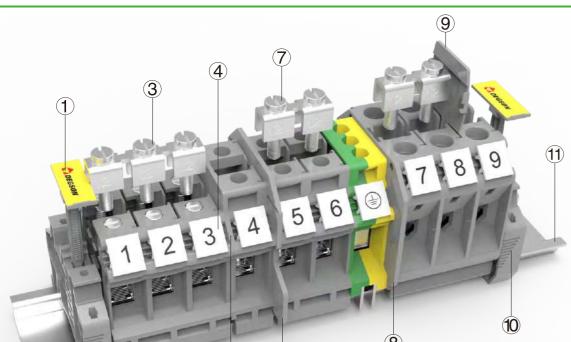


| | ₩. | 1 | 101 | PuHC | REACH | |
|-----|-------|----|------|------|-------|--|
| 211 | (D,E) | CE | 1111 | RIII | псаьп | |

c**933**°us ≙ C€ EHE ROHS REACH

| Order NO. | 11010000001 | 1101000006 | | |
|--|--|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 10.2/42.5/47.25(54.75) | 10.2/42.5/47.25(54.75) | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | |
| Rated voltage V | 800 600 | 1 | | |
| Rated current A | 57 65 | 1 | | |
| Rated cross section mm ² /AWG | 0.2-10 20-6 | 0.2-10 20-6 | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | |
| 1 conductor mm ² | 0.2-10 0.2-10 0.2-10 0.2-10 | 0.2-10 0.2-10 0.2-10 0.2-10 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-6 | _ | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | -40(-40)~105(221) | | |
| Stripping length mm | 9-10 | 9-10 | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Yellow and green | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M4/1.2(10.5)(12.24) | M4/1.2(10.5)(12.24) | | |
| Accessories | | | | |
| Ferrule | ı | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | 1x4 | 1x4 | | |
| Flexed bridge (2,3,4,5,10P) | FBI10-10 | 1 | | |
| Insertion bridge (2-10P) | EB2-10 / EB3-10 / EB10-10 | EB2-10 / EB3-10 / EB10-10 | | |
| End cover | D-PC2.5 | 1 | | |
| Separating disk | TS-K | 1 | | |
| Partition plate | ATP-PC | 1 | | |
| Marker Algebergspare | ZB10 / ZS10 | ZB10 / ZS10 | | |
| Marker support | 1 | 1 | | |
| Terminal strip | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| marker support End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | |

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| Description | No. | Remark |
|-------------------|------------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 End cover | D-PCIK16-01P-11-00A(H) | End cover is used for PCIK16 |
| ④ Fixed bridge | FBI3-12-00A(H) | 03P bridge, use for PCIK16 |
| ⑤ Marker | ZT12-10P-19-00A(H) | Marker is used for the side of PCIK16 |
| 6 End cover | D-PC16-01P-11-00A(H) | End cover is used for PC16 |
| Partition plate | ATP-PC-01P-11-00A(H) | End cover is used for PC16 |
| 8 Fixed bridge | FBI2-12-00A(H) | 02P bridge, use for PC16 |
| End cover | D-PC16-01P-11-105A(H) | End cover is used for PC16-105A(H) |
| © Separating disk | TS-K-01P-11-00A(H) | The Separating disk is used for PC16 series |
| ① End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ② DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|---|-----------------------|--------------------------|
| _ | Connection point for wiring | Fuse connection | o → o Disconnecting |
| | Connection point for bridging | Resistance connection | Circuit connection point |
| - | LED light connection | Grounding connection | Diode connection |





Feed-through and ground terminal blocks









PC16

PCIK16

| | \wedge | | rnr | B 110 | DELGII |
|-------|----------|------------|-----|-------|--------|
| 20 10 | (DVE) | ϵ | EHL | KOHS | REACH |

| | гпг | Dalle | DEAGL | |
|---|------|-------|--------|--|
| - | FHI | RoHS | KFAI.H | |
| | LIIL | HUHU | IILAUI | |

| Order NO. | | 11010000020 | | 11010000121 | | | |
|--|------------------------------|---------------------|--|----------------------|---|--|--|
| Width/Length/Height(NS35 | /7.5&NS35/15) mm | 12.2/4 | 2.5/54.05(61.55) | 12.2/48.5/55.3(62.8) | | | |
| Electrical Data | | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-1 | UL UL1059 | | |
| Rated voltage | V | 800 | 600 | 800 | 600 | | |
| Rated current | А | 76 | 85 | 76 | 85 | | |
| Rated cross section | mm²/AWG | 0.2-16 | 12-4 | 0.2-16 | 12-4 | | |
| Connection capacity | | Solid Stranded | Ferrule (with and without plastic sleeve) | Solid Stranded | Ferrule (with and without plastic sleeve) | | |
| 1 conductor | mm² | 0.2-16 0.2-1 | 0.2-16 0.2-16 | 1-16 1-16 | 1-16 1-16 | | |
| 2 flexible conductors with a | TWIN ferrule mm ² | | – 0.5-6 | | - 0.75-10 | | |
| General Information | | | | | | | |
| Insulation material/Flamm (according to UL 94) | ability rating | | PA/V0 | | PA/V0 | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | |
| Stripping length | mm | | 11-12 | | 11-12 | | |
| Color | | | Grey, Red, Blue (please contact sales for other color requirements) | | Grey, Red, Blue (please contact sales for other color requirements) | | |
| Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | M4/1 | 2(10.5)(12.24) | M5/3(27)(30) | | | |
| Accessories | | | | | | | |
| Ferrule | | | 1 | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 1x4 | | 1x4 | | |
| Flexed bridge (2,10P) | Tillilli | | FBI10-12 | | FBI10-12 | | |
| Insertion bridge (2-10P) | <i>רונותווו</i> | | EB10-12 | | EB10-12 | | |
| End cover | | | D-PC16 | D-P | C16-105A(H) | | |
| Separating disk | | | TS-K | 1 | | | |
| Partition plate | 2 | ATP-PC | | | 1 | | |
| | 2,3,4,5 B,C,D,E | Z. | T12 / ZS12 | Z | Γ12 / ZS12 | | |
| Marker support | | | 1 | | 1 | | |
| Terminal strip marker support | | DLM2 / KL | иЗ-20x8 / KLM3-44x8 | DLM2 / KLM | 13-20x8 / KLM3-44x8 | | |
| End clamp | 州州 | E-PC | 1100A / E-WS N | E-PC | 1100A / E-WS N | | |
| | - PH - W | | | | | | |

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DEGSON

Feed-through and ground terminal blocks





œ**91**°us △ C€ EHI ROHS REACH

PC16-PE

DLM2 / KLM3-20x8 / KLM3-44x8

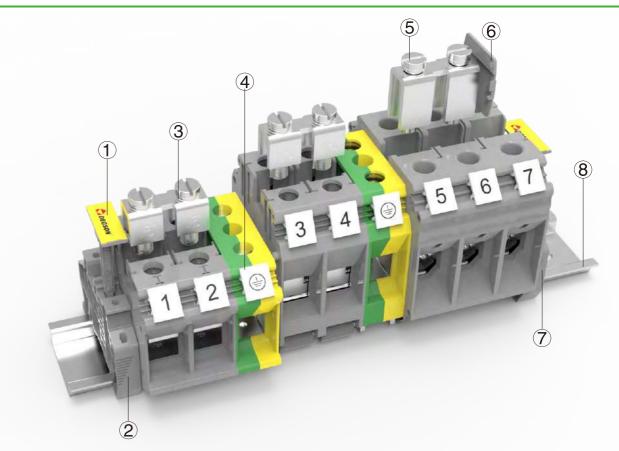
E-PC 1100A / E-WS N

| Order NO. | 1101000 | 0028 |
|--|---------------------|--------------|
| Width/Length/Height(NS35/7.5&NS35/15) mm | 12.2/42.5/54.0 | 05(61.55) |
| Electrical Data | IEC IEC60947-7-2 | UL UL1059 |

| Rated current | А | | 1 | | 1 |
|---------------------|---------|--------|----------|---------------------------|--------------------|
| Rated cross section | mm²/AWG | 0 | 2-16 | 1 | 12-4 |
| Connection capacity | | Solid | Stranded | Ferrule (with and without | ut plastic sleeve) |
| 1 conductor | mm² | 0.2-16 | 0.2-16 | 0.2-16 | 0.2-16 |

| 1 conductor | mm ² | 0.2-16 | 0.2-16 | 0.2-16 | 0.2-16 |
|---|-----------------|--------|--------|--------|--------|
| 2 flexible conductors with a TWIN ferrule | mm² | _ | - | - | 0.5-6 |
| O | | | | | |

| Insulation material/Flammability rating (according to UL 94) | PA/V0 |
|--|---------------------|
| Operation temperatures °C (°F) | -40(-40)~105(221) |
| Stripping length mm | 10-11 |
| Color | Yellow and green |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M4/1.2(10.5)(12.24) |
| Accessories | |
| Ferrule | 1 |
| Slotted screwdriver size (Blade thickness x Width) | 1x4 |
| Fixed bridge | 1 |
| Insertion bridge(2-10P) | EB10-12 |
| End cover | 1 |
| Separating disk | I |
| Partition plate | I |
| Marker 1, 2, 3, 4, 5 A, B, C, D, E | ZT12 / ZS12 |
| Marker support | I |
| | |



| Description | No. | Remark |
|------------------|----------------------|---|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 Fixed bridge | FBI3-15-00A(H) | 03P bridge, use for PCIK35 |
| Marker | ZT12-10P-19-00A(H) | Marker is used for the side of PCIK35 |
| ⑤ Fixed bridge | FBI2-16-00A(H) | 02P bridge, use for PC35-105A(H) |
| Separating disk | TS-K-01P-11-00A(H) | The Separating disk is used for PC35 series |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 8 DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|---|--------------------------|--------------------------|
| | Connection point for wiring | Fuse connection | o ✓ o Disconnecting |
| | Connection point for bridging | - Resistance connection | Circuit connection point |
| - | LED light connection | Grounding connection | Diode connection |

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Terminal strip marker support

End clamp

Feed-through and ground terminal blocks







PC35

PCIK35

| Z ⊕us | ₾ (6 | EAC | ROHS REACH | C€ | EAC | RoHS | RE |
|--------------|-------------|-----|------------|----|-----|------|----|
| Z US | △ (€ | EHE | ROHS REACH | (€ | EHE | RoHS | ı |

| | | c 91 °us 🕸 | C€ EHE R | OHS REACH | | C€ EHE Ro | HS REACH | | |
|--|---------|--|-----------------|---|----------------------|---------------------|-----------------|------------------------|---------------------|
| Order NO. | | 11010000059 | | | | 11010000122 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) | mm | 15.2/50/63.25(70.75) | | 15.2/55/51.25(58.75) | | | | | |
| Electrical Data | | | IEC 0947-7-1 | l | UL JL1059 | | IEC 0947-7-1 | UI | UL L1059 |
| Rated voltage | V | | 1000 | | 600 | | 800 | | 600 |
| Rated current | Α | | 125 | | 150 | | 125 | | 85 |
| Rated cross section mm ² /A | AWG | 0 | .2-35 | | 18- 1/0 | 0 | .2-35 | 18 | 3- 1/0 |
| Connection capacity | | Solid | Stranded | Ferrule (with and wit | nout plastic sleeve) | Solid | Stranded | Ferrule (with and with | out plastic sleeve) |
| 1 conductor | mm² | 0.2-35 | 0.2-35 | 0.2-35 | 0.2-35 | 0.2-35 | 0.2-35 | 0.2-35 | 0.2-35 |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | _ | _ | 0.75-10 | _ | _ | _ | 6.0-10 |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | | | PA/V0 | | | | PA/V0 | |
| Operation temperatures °C | (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 15-16 | | 15-16 | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Grey, Red, Blue (please contact sales for other color requirements | | | | | |
| Screw/Rated torque -/N.m(lb.in)(kg | f.cm) | | M6/2 | .5(22.2)(25) | | | M6/2 | .5(22.2)(25) | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | / | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | | 1x6.5 | | | | 1x6.5 | |
| Flexed bridge (2,3,10P) | 111117 | | FBI12 | -15 FBI13-15 | | FBI12-15 FBI13-15 | | | |
| Insertion bridge (2-10P) | ווווווו | | E | B10-15 | | | E | B10-15 | |
| End cover | | | | 1 | | 1 | | | |
| Separating disk | | | | TS-K | | TS-K | | | |
| Partition plate | | 1 | | | | 1 | | | |
| Marker 1, 2, 3, 4, 5, A, B, C, D, E | | | ZT | 12 / ZS12 | | | ZT | 12 / ZS12 | |
| Marker support | | 1 | | | | 1 | | | |
| Terminal strip marker support | T | 1 | DLM2 / KLM | 3-20x8 / KLM | 3-44x8 | D | LM2 / KLM | 3-20x8 / KLM3- | -44x8 |
| End clamp | | | E-PC 1 | 100A / E-WS | N | E-PC 1100A / E-WS N | | | |

Screw connection technology 2

Feed-through and ground terminal blocks



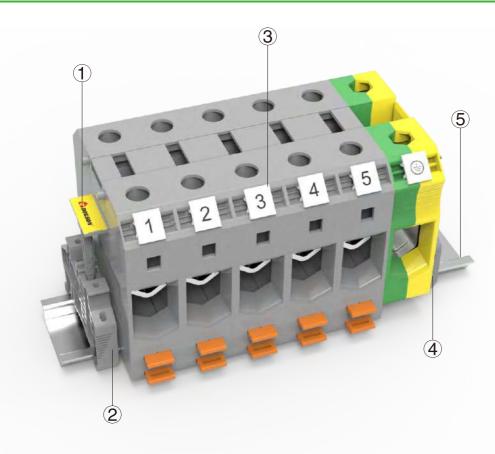


PC35-PE

C € EHE ROHS REACH

| | CE INI NUNS NEADI | | | | |
|--|----------------------|--|--|--|--|
| Order NO. | 11010000067 | | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 15.2/50/63.25(70.75) | | | | |
| Electrical Data | IEC IEC60947-7-2 | UL UL1059 | | | |
| Rated voltage V | 1 | / | | | |
| Rated current A | 1 | / | | | |
| Rated cross section mm ² /AWG | 0.2-35 | 1/0-18 | | | |
| Connection capacity | Solid Stranded | Ferrule (with and without plastic sleeve | | | |
| 1 conductor mm ² | 0.2-35 0.2-35 | 0.2-35 0.2-35 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | | - 0.75-10 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | | | | |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | | | | |
| Stripping length mm | 18-19 | | | | |
| Color | Yellow and green | | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M6/2.5(22.2)(25) | | | | |
| Accessories | | | | | |
| Ferrule | | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | | 1x6.5 | | | |
| Flexed bridge | | 1 | | | |
| Insertion bridge (2-10P) | EB10-15 | | | | |
| End cover | | 1 | | | |
| Separating disk | | 1 | | | |
| Partition plate | | 1 | | | |
| Marker 1 2 3 4 5 A B C D E | ZT12 / ZS12 | | | | |
| Marker support | | 1 | | | |
| Terminal strip marker support | DLM2 / KLM | 3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | | | | |

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| Description | No. | Remark |
|------------------|----------------------|--|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| 3 Marker | ZT12-10P-19-00A(H) | Marker is used for the side of PC50 series |
| ④ End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ⑤ DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|--|-------------------------------|-----------------------|--------------------------|
| _ | O Connection point for wiring | - Fuse connection | o ✓-o Disconnecting |
| THE PART OF THE PA | Connection point for bridging | Resistance connection | Circuit connection point |
| - | LED light connection | Grounding connection | Diode connection |



Feed-through and ground terminal blocks



PC50







[⊥] PC50-PE

| 2U° UR | (€ | EAC | RoHS | REACH | (€ | EAC | RoHS | RE |
|--------|----|------|--------|-------|---|------|--------|----|
| L = U3 | • | LIIL | 110110 | | • | LIIL | 110110 | |

| | C LIL HOUS HEADI | | | | |
|--|----------------------------|--|---------------------|---|--|
| Order NO. | 11 | 010000085 | 110 | 010000090 | |
| Width/Length/Height(NS35/7.5&NS35/15) mn | 20/70 | .45/75.94(83.44) | 20/70 | 45/75.94(83.44) | |
| Electrical Data | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-2 | UL UL1059 | |
| Rated voltage V | 1000 | 600 | 1 | I | |
| Rated current A | 150 | 125 | 1 | 1 | |
| Rated cross section mm ² /AWG | 16-50 | 6-1/0 | 16-50 | 6-1/0 | |
| Connection capacity | Solid Strande | d Ferrule (with and without plastic sleeve) | Solid Stranded | Ferrule (with and without plastic sleeve) | |
| 1 conductor mm | 16-50 16-5 | 0 16-50 16-50 | 16-50 16-50 | 16-50 16-50 | |
| 2 flexible conductors with a TWIN ferrule mm | | - 10-16 | | - 10-16 | |
| General Information | ' | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | PA/V0 | |
| Operation temperatures °C (°F | -40 | (-40)~105(221) | -40(-40)~105(221) | | |
| Stripping length mn | | 22-23 | 22-23 | | |
| Color | Gı (please contact sale | rey, Red, Blue es for other color requirements) | Yellow and green | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm | M6 | 3/2.5(22.2)(25) | M6/2.5(22.2)(25) | | |
| Accessories | | | | | |
| Ferrule | | 1 | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | | 1.2x8 | | 1.2x8 | |
| Flexed bridge (2,3P) | FBI | 2-20 / FBI3-20 | | 1 | |
| Insertion bridge (2-10P) | | 1 | | 1 | |
| End cover | | 1 | | 1 | |
| Separating disk | | 1 | | 1 | |
| Partition plate | | 1 | 1 | | |
| Marker 1, 2, 3, 4, 5 A, B, C, D, E | Z | T12 / ZS12 | Z | Γ12 / ZS12 | |
| Marker support | | 1 | | 1 | |
| Terminal strip marker support | DLM2 / KL | .M3-20x8 / KLM3-44x8 | DLM2 / KLM | 13-20x8 / KLM3-44x8 | |
| End clamp | E-PC | 1100A / E-WS N | E-PC 1 | 100A / E-WS N | |

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Terminal strip

marker support End clamp





Screw connection technology 2

Feed-through and ground terminal blocks



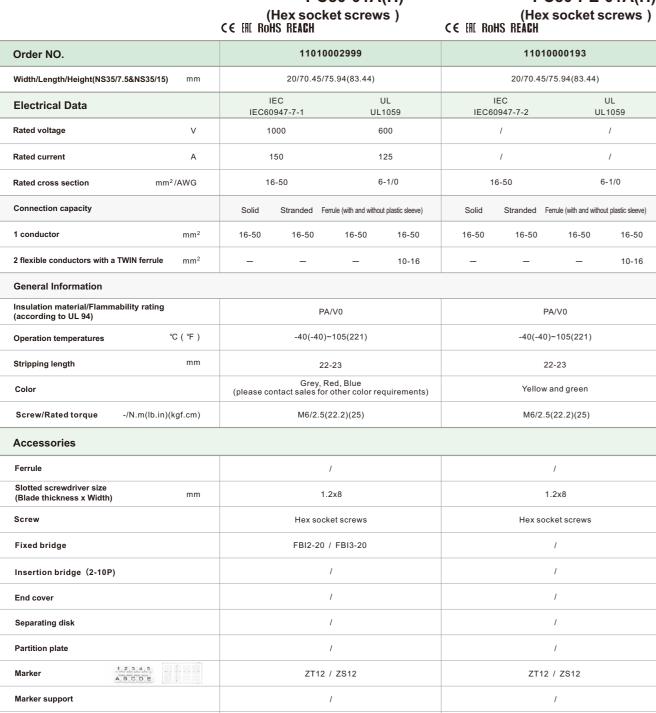




PC50-PE-01A(H)

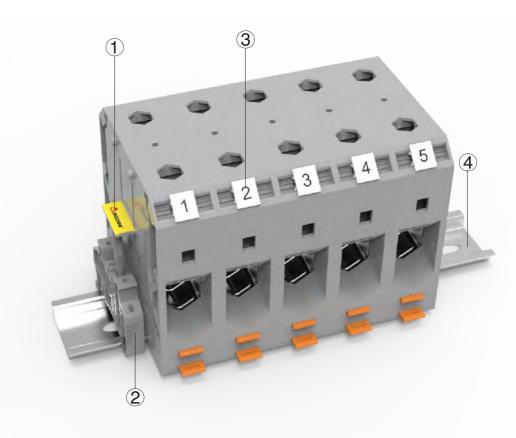
DLM2 / KLM3-20x8 / KLM3-44x8

E-WS / E-PC / E-MK / E-WS N



DLM2 / KLM3-20x8 / KLM3-44x8

E-PC 1100A / E-WS N



| Description | No. | Remark |
|------------------|----------------------|-------------------------------------|
| ① Marker carrier | KLM3-20x8-11-00A(H) | Suitable for E-PC-1100A(H) & E-WS N |
| ② End Clamp | E-WS N-01P-11-00A(H) | Fixing products on NS35 DIN rail |
| ③ Marker | ZT12-10P-19-00A(H) | Marker is used for the side of PC95 |
| ④ DIN rail | NS35/7.5-0150-00A(H) | NS35 DIN rail |

| Circuit diagram | | | |
|-----------------|-------------------------------|--------------------------|--------------------------|
| | O Connection point for wiring | - Fuse connection | o → o Disconnecting |
| | Connection point for bridging | - Resistance connection | Circuit connection point |
| - | LED light connection | Grounding connection | Diode connection |

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PC95



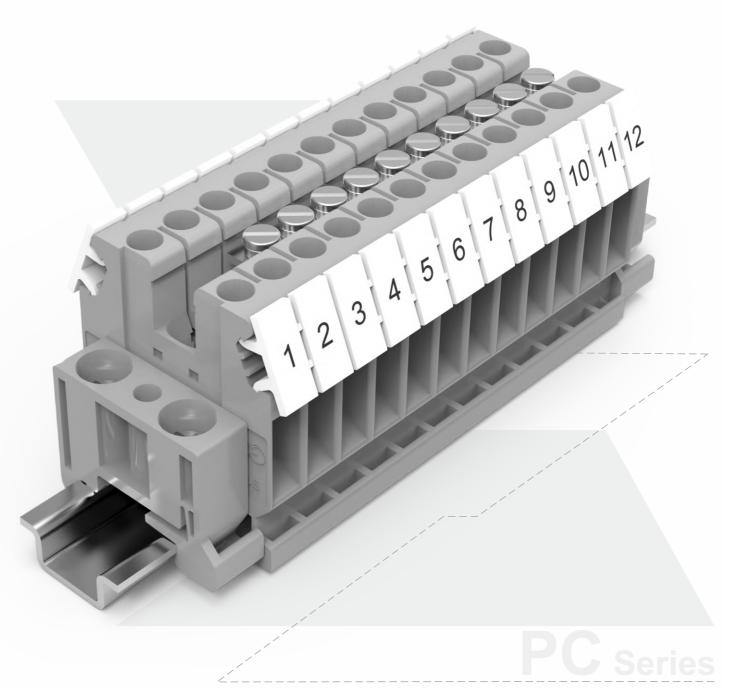
C€ EHI ROHS REACH

| Order NO. | | 11010000112 | | | |
|--|------------|---|-------------|-------------------------|--------------------|
| Width/Length/Height(NS35/7.5&NS35/15 | 5) mm | | 25/83/90 | 0.04(97.54) | |
| Electrical Data | | IEC UL IEC60947-7-1 UL1059 | | | |
| Rated voltage | ٧ | 1 | 000 | 600 | |
| Rated current | Α | 2 | 232 | 230 | |
| Rated cross section mi | m²/AWG | 25 | 5-95 | 2-4/0 | |
| Connection capacity | | Solid | Stranded Fe | errule (with and withou | ut plastic sleeve) |
| 1 conductor | mm² | 25-95 | 25-95 | 25-95 | 25-50 |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | _ | _ | 25-35 |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | ı | | P. | A/V0 | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | |
| Stripping length | mm | 31-33 | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements | | | quirements |
| Screw/Rated torque -/N.m(lb.in | ı)(kgf.cm) | M8/25(221.5)(250) | | | |
| Accessories | | · | | | |
| Ferrule | | | | 1 | |
| Allen key | | | Hexs | socket 6 | |
| Fixed bridge | | | | 1 | |
| Insertion bridge (2-10P) | | | | 1 | |
| End cover | | | | 1 | |
| Separating disk | | | | 1 | |
| Partition plate | | | | 1 | |
| Marker 1, 2, 3, 4, 5 | | | 7740 | / ZS12 | |
| A,B,C,D,E | 6-6 | | 2112 | | |
| Marker support | | | | 1 | |
| Terminal strip marker support | TT | D | LM2 / KLM3- | 20x8 / KLM3- | 44x8 |
| End clamp | 曲 | | E-PC 110 | 0A / E-WS N | |

PC Micro And Miniature Terminal Blocks

DEGSON

- PC Mini Feed-through terminal blocks, with screw connection technology,
 high-quality copper screw and cage ensure the stable & reliable connection
- Small volume, applied in small control boxes by mounted on NS15 DIN Rail
- The fixed bridge can realize the potential distribution of 2-10 positions; the cuttable side bridges can reach jumped connection
- Compatible with the marking system to clearly identify the working area



Micro and miniature terminal blocks





PCMB2.5

SAN" CE FAI BOHS REACH

| | c \$\ \$`us C€ EHE ROHS REACH | | | | |
|--|--|--|--|--|--|
| Order NO. | 11010000140 | | | | |
| Width/Length/Height(NS15) mm | 5.2/28/33.7 | | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | | | | |
| Rated voltage V | 500 300 | | | | |
| Rated current A | 24 20 | | | | |
| Rated cross section mm ² /AWG | 0.2-2.5 28-12 | | | | |
| Connection capacity | Solid Stranded Femule (with and without plastic sleeve) | | | | |
| 1 conductor mm ² | 0.2-2.5 0.2-2.5 0.2-2.5 0.2-2.5 | | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5-1 | | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | | | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$) | -40(-40)~105(221) | | | | |
| Stripping length mm | 7-8 | | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M3/0.5(4.5)(5.1) | | | | |
| Accessories | | | | | |
| Ferrule | 1 | | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | | | | |
| Fixed bridge (2,3,4,5,6,8,10P) | FBRI10-5 | | | | |
| Insertion bridge (2-10P) | EB2-5 / EB3-5 / EB10-5 | | | | |
| End cover | D-PCMB2.5 | | | | |
| Separating disk | TS-KK3 | | | | |
| Partition plate | I | | | | |
| Marker department of the second of the secon | ZB5 / ZS5 | | | | |
| Marker support | 1 | | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | | | | |
| End clamp | E-PC 1100A / E-WS N | | | | |

Screw connection technology 2

DEGSON

Micro and miniature terminal blocks





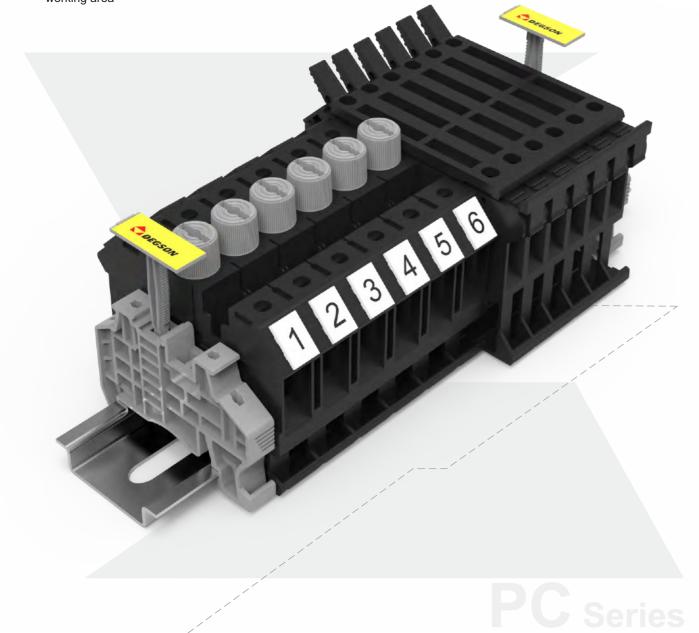
PCMB4

SAN" CE FOI BOHS REACH

| | | c AU us CE | ERE ROHS | KEAGH | |
|--|----------|--|------------|------------------------|--------------------|
| Order NO. | | | 110 | 10000143 | |
| Width/Length/Height(NS15) mn | n | | 6. | 2/28/33.7 | |
| Electrical Data | | IEC IEC60947-7-1 | | U | UL L1059 |
| Rated voltage | V | | 500 | | 300 |
| Rated current | Α | | 32 | | 30 |
| Rated cross section mm ² /AW | /G | 0 | .2-4 | 2 | 26-10 |
| Connection capacity | | Solid | Stranded | Ferrule (with and with | out plastic sleeve |
| 1 conductor m | ım² | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-2.5 |
| 2 flexible conductors with a TWIN ferrule m | ım² | _ | _ | _ | 0.5-2.5 |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | | |
| Operation temperatures °C (° | F) | | -40(-4 | 10)~105(221) | |
| Stripping length | mm | 7-8 | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirement | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.c | cm) | M3/0.5(4.5)(5.1) | | | |
| Accessories | | | | | |
| Ferrule | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | | 0.6x3.5 | |
| Fixed bridge (2,3,5,7,8,10P) | 1117 | | ı | FBI10-6 | |
| Insertion bridge (2-10P) | 1111 | | EB2-6 / | EB3-6 / EB10- | 6 |
| End cover | | | D- | PCMB2.5 | |
| Separating disk | | | | TS-KK3 | |
| Partition plate | | | | 1 | |
| Marker has shown to be shard. In the shown to be shown to be shown to be shown to be shown | | ZB6 / ZS6 | | | |
| Marker support | Jan 1 | | | 1 | |
| Terminal strip marker support | Ī | С | DLM2 / KLM | 13-20x8 / KLM3 | 3-44x8 |
| End clamp | b | | E-PC 1 | 100A / E-WS N | I |

-180-

- Snap-on fuse box for easy fuse replacement
- The cuttable side bridges can reach jumped connection
- Compatible with the marking system to clearly identify the working area



Fuse terminal blocks (5X20, 5X25, 6.3X32)





PC4-HE

SAN" CE FAI BOHS REACH

| © \$\infty os C € EHE ROHS REACH | | | | | |
|---|--|--|--|--|--|
| 11010000076 | | | | | |
| 8.2/72.89/57.37(64.87) | | | | | |
| IEC UL IEC60947-7-3 UL1059 | | | | | |
| 800 600 | | | | | |
| 6.3 6.3 | | | | | |
| 0.2-4 26-10 | | | | | |
| Solid Stranded Ferrule (with and without plastic sleeve) | | | | | |
| 0.2-4 0.2-4 0.2-4 0.2-2.5 | | | | | |
| 0.5-2.5 | | | | | |
| | | | | | |
| PA/V0 | | | | | |
| -40(-40)~105(221) | | | | | |
| 7-8 | | | | | |
| Black (please contact sales for other color requirements) | | | | | |
| M3/0.5(4.5)(5.1) | | | | | |
| | | | | | |
| 1 | | | | | |
| 0.6x3.5 | | | | | |
| 1 | | | | | |
| EB2-8 / EB3-8 / EB10-8 | | | | | |
| 1 | | | | | |
| 1 | | | | | |
| 1 | | | | | |
| ZB8 / ZS8 | | | | | |
| 1 | | | | | |
| DLM2 / KLM3-20x8 / KLM3-44x8 | | | | | |
| E-PC 1100A / E-WS N | | | | | |
| | | | | | |

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Fuse terminal blocks (5X20)





PC10-DR

₽N°us C€ EHE ROHS REACH

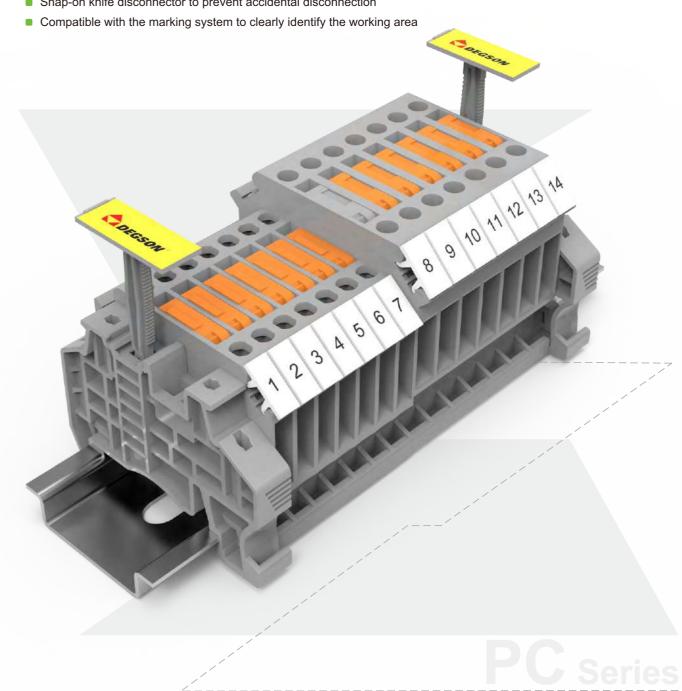
| Order NO. | | | 11010 | 000005 | |
|---|---|---|------------------|------------------------|-------------------|
| Width/Length/Height(NS35/7.5&NS3 | 35/15) mm | | 12/62/57 | 7.8(64.75) | |
| Electrical Data | | | EC 947-7-3 | | JL 1059 |
| Rated voltage | V | 8 | 00 | 6 | 00 |
| Rated current | А | | 10 | | 10 |
| Rated cross section | mm²/AWG | 0.5-10 24-6 | | | 4-6 |
| Connection capacity | | Solid | Stranded Fe | rrule (with and withou | t plastic sleeve) |
| 1 conductor | mm² | 0.5-10 | 0.5-10 | 0.5-10 | 0.5-10 |
| 2 flexible conductors with a TWIN fer | rrule mm² | _ | _ | _ | 0.5-10 |
| General Information | | | | | |
| Insulation material/Flammability ra (according to UL 94) | iting | PA/V0 | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | |
| Stripping length | mm | 10-11 | | | |
| Color | | Black (please contact sales for other color requirements) | | | |
| Screw/Rated torque -/N.m(| lb.in)(kgf.cm) | M4/1.2(10.5)(12.24) | | | |
| Accessories | | | | | |
| Ferrule | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 1 | x4 | |
| Fixed bridge | 111111111 | | FBI ² | 10-10 | |
| Insertion bridge(2-10P) | ווווווווווווווווווווווווווווווווווווווו | | EB1 | 0-12 | |
| End cover | | | | / | |
| Separating disk | | | | / | |
| Partition plate | | | | / | |
| Marker पुरस्कारिकारी | | | ZB8 | / ZS8 | |
| Marker support | | | | / | |
| Terminal strip marker support | TT | DI | LM2 / KLM3-2 | 20x8 / KLM3- | 44x8 |
| End clamp | | | E-PC 110 | DA / E-WS N | |
| # ·· | and an analysis | | | | |

PC Disconnect Terminal Blocks

DEGSON

- PC Knife disconnect terminal blocks, with screw connection technology, high-quality copper screw and cage ensure the stable & reliable connection
- The circuit can be disconnected, measured, controlled easily by operate the knife disconnector

Snap-on knife disconnector to prevent accidental disconnection



Disconnect terminal blocks





PCMT2.5

C€ EHE ROHS REACH

| Order NO. | | 11010000144 | | | |
|---|-------------------------|---|-------------|------------------------|-------------------|
| Width/Length/Height(NS35/7.5&N | S35/15) mm | | 5.2/46.25/4 | 8.18(55.68) | |
| Electrical Data | | IEC | | | JL 1059 |
| Rated voltage | V | 500 300 | | 00 | |
| Rated current | А | 16 | i | | 10 |
| Rated cross section | mm²/AWG | 0.2-2.5 24-14 | | | -14 |
| Connection capacity | | Solid | Stranded Fe | rrule (with and withou | t plastic sleeve) |
| 1 conductor | mm² | 0.2-2.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 |
| 2 flexible conductors with a TWIN | ferrule mm ² | _ | _ | - | 0.5-1.5 |
| General Information | | | | | |
| Insulation material/Flammability (according to UL 94) | rating | | PA | /V0 | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | |
| Stripping length | mm | 10-11 | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | | quirements) |
| Screw/Rated torque -/N.I | m(lb.in)(kgf.cm) | M3/0.5(4.5)(5.1) | | | |
| Accessories | | | | | |
| Ferrule | | | | I | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.6 | x3.5 | |
| Fixed bridge | | | | I | |
| Insertion bridge (2-10P) | וווווווו | | EB2-5 / EB3 | 3-5 / EB10-5 | |
| End cover | F | | D-PC | MT2.5 | |
| Separating disk | | | | / | |
| Partition plate | | | | / | |
| Marker Approximation | | | ZB5 | / ZS5 | |
| Marker support | | | | / | |
| Terminal strip marker support | | DLN | И2 / KLM3-2 | 20x8 / KLM3- | 44x8 |
| End clamp | | | E-PC 1100 | DA / E-WS N | |

Screw connection technology 2

DEGSON

Disconnect terminal blocks



PCMT4



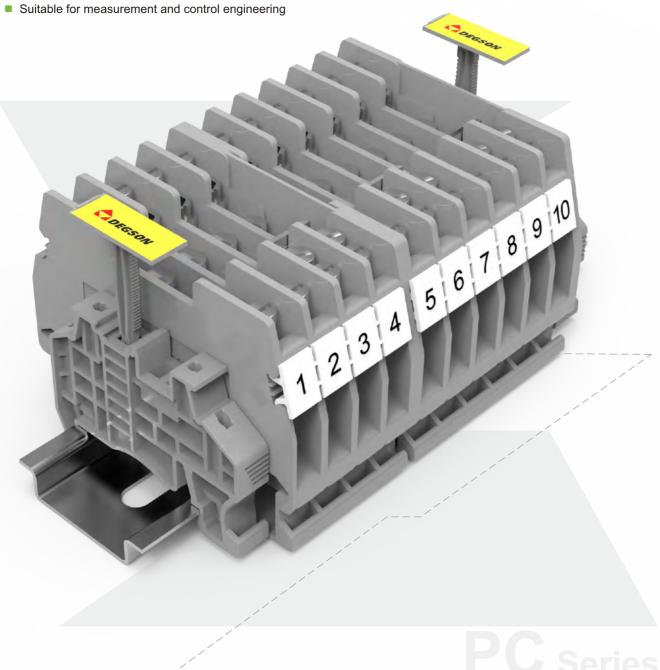
C € EHE ROHS REACH

| | CE HIL ROHS REAGH | | | |
|--|---|-----------------|--|--|
| Order NO. | 11010000145 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 6.2/51/47.4(54.9) | | | |
| Electrical Data | IEC U IEC60947-7-1 UL1 | | | |
| Rated voltage V | 800 60 | 00 | | |
| Rated current A | 16 1 | 5 | | |
| Rated cross section mm ² /AWG | 0.2-4 24 | -12 | | |
| Connection capacity | Solid Stranded Femule (with and without | plastic sleeve) | | |
| 1 conductor mm ² | 0.2-4 0.2-4 0.2-4 | 0.2-2.5 | | |
| 2 flexible conductors with a TWIN ferrule mm ² | | 0.5-2.5 | | |
| General Information | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | | | |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | | | |
| Stripping length mm | 7-8 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf.cm) | M3/0.5(4.5)(5.1) | | | |
| Accessories | | | | |
| Ferrule | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.6x3.5 | | | |
| Fixed bridge | 1 | | | |
| Insertion bridge (2-40P) | EB2-6 / EB3-6 / EB10-6 / EBA | 40-6 | | |
| End cover | 1 | | | |
| Separating disk | 1 | | | |
| Partition plate | 1 | | | |
| Marker described a | ZB6 / ZS6 | | | |
| Marker support | 1 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-4 | 4x8 | | |
| End clamp | E-PC 1100A / E-WS N | | | |

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DEGSON

- PC Test disconnect terminal block, with screw connection technology, highquality copper screw and cage ensure the stable & reliable connection
- The circuit can be disconnected, measured, controlled easily by operate the slide disconnector
- Combined with bushings and bridges, it can short-circuit protection for circuits, which is convenient for protecting and measuring secondary circuits



Screw connection technology 2

Test disconnect terminal blocks





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 $\bigcirc \multimap \checkmark \multimap \bigcirc$

PCTK6

PCTK6-BEN

SAN" CE FIII ROHS REACH CE FAT BOHS REACH

| | | c A1 °us (6 | EAC ROHS | REACH | | C€ EAE Ro | HS REACH | | |
|---|--|--|------------------|---|--------------------|------------------------|---------------------|------------------------|---------------------|
| Order NO. | | | 110 | 10000146 | | | 110 | 10000149 | |
| Width/Length/Height(NS35/7.5&N | IS35/15) mm | | 8.2/72 | /51.75(59.25) | | | 8.2/61/58.85(67.35) | | |
| Electrical Data | | IEC | IEC 60947-7-1 | | UL .1059 | | IEC 0947-7-1 | U | UL L1059 |
| Rated voltage | V | | 400 | : | 300 | | 500 | | 300 |
| Rated current | А | | 41 | | 40 | | 41 | | 40 |
| Rated cross section | mm²/AWG | | 0.5-6 | 20 | 6-10 | 0 | .5-6 | 2 | 26-10 |
| Connection capacity | | Solid | Stranded | Ferrule (with and witho | ut plastic sleeve) | Solid | Stranded | Ferrule (with and with | out plastic sleeve) |
| 1 conductor | mm² | 0.5-6 | 0.5-6 | 0.5-6 | 0.5-4 | 0.5-6 | 0.5-6 | 0.5-6 | 0.5-4 |
| 2 flexible conductors with a TWIN | ferrule mm ² | _ | _ | _ | 0.5-4 | _ | _ | _ | 0.5-4 |
| General Information | | | | | | | | | |
| Insulation material/Flammability (according to UL 94) | Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | PA/V0 | | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | | | 13-14 | | | | 11-12 | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Grey, Red, Blue (please contact sales for other color requirements) | | | | | |
| Screw/Rated torque -/N. | m(lb.in)(kgf.cm) | M4/1.2(10.53)(12.24) | | M4/1.2(10.53)(12.24) | | | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | | 1 | | | | 1 | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | | 1x4 | | 1x4 | | | |
| Flexed bridge (2-10P) | ii | | FB | XX-RTK/S | | 1 | | | |
| Switch bridges (2-10P) | 1 | | SB | 02-RTK/S | | 1 | | | |
| Insertion bridge (2-10P) | THE PROPERTY OF THE PARTY OF TH | | EB2-8 / | EB3-8 / EB10-8 | | EB2-8 / EB3-8 / EB10-8 | | 8 | |
| End cover | | | С | PCTK6 | | D-PCTK6-BEN | | | |
| Separating disk | | 1 | | | | 1 | | | |
| Partition plate | | 1 | | | | 1 | | | |
| Marker standards | | | Z | 38 / ZS8 | | | ZI | B8 / ZS8 | |
| Marker support | | | | 1 | | | | 1 | |
| Terminal strip marker support | TT | | DLM2 / KLW | 3-20x8 / KLM3- | -44x8 | D | LM2 / KLM | 3-20x8 / KLM3 | -44x8 |
| End clamp | | | E-PC 1 | 100A / E-WS N | | | E-PC 1 | 100A / E-WS N | |

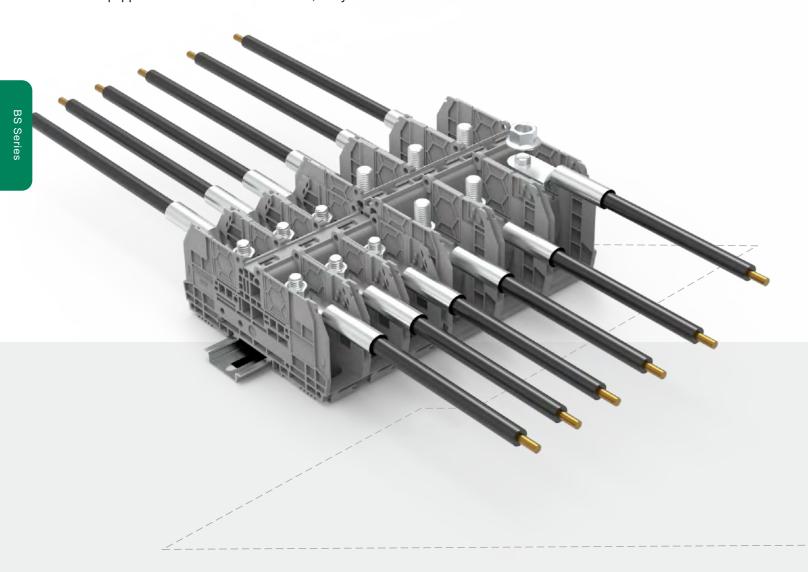
-188--187-



BS Bolt Connection Terminal Blocks

Feature

- BS Bolt connection terminal blocks, with bolt connection technology, secure connection
- Multiple cable ends can be connected with a single screw, which can be used for power feed
- Closed structure design at both ends, with protective cover, safe
 and anti-touch
- Compatible with the marking system to clearly identify the working area
- Equipped with test hole in the middle, easy to test the circuit





Bolt connection

BS Series products include BS8, BS10 bolt connection terminal blocks, can connect wires with diameters from 2.5mm² to 150mm²



Removable cover

Closed structure design at both ends, with protective cover, safe and anti-touch



Flexible installation

Variety installation methods, available for panel & Rail mounted

BS Series

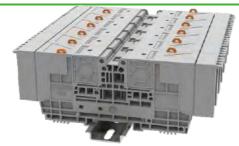
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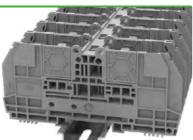






Bolt type straight through terminal blocks





BS8 N

C € Rohs reach



BS8

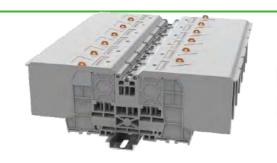
| CC Hollo HEADH | | | | | | CC HOHS HEROH | | | |
|--|---------------------|--|-------------|---|--------------------|-------------------|-------------------|------------------------|--------------------|
| Order NO. | der NO. 11070000001 | | | | 11070 | 000002 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) | mm | | 29/184 | /70.7(78.2) | | | 29/136/70.7(78.2) | | |
| Electrical Data | | IEC UL IEC60947-7-1 UL1059 | | | EC)947-7-1 | | UL .1059 | | |
| Rated voltage | V | 1 | 000 | (| 600 | 1000 | | (| 300 |
| Rated current | А | | 192 | 1 | 175 | 1 | 192 | 1 | 175 |
| Rated cross section mm ² /A | wg | 2 | 2.5-70 | 1 | 6-2/0 | 2.5-70 | | 1 | 6-2/0 |
| Connection capacity | | Solid | Stranded | Ferrule (with and withou | ut plastic sleeve) | Solid | Stranded Fe | errule (with and witho | ut plastic sleeve) |
| 1 conductor | mm² | 2.5-70 | 2.5-70 | 6-70 | 6-70 | 2.5-70 | 2.5-70 | 6-70 | 6-70 |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | _ | _ | _ | _ | - | _ | - |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | | PA/V0 | | PA/V0 | | | | | |
| Operation temperatures °C (| (°F) | -40(-40)~105(221) -40(| | -40(-40)~105(221) | | | | | |
| Stripping length | mm | Determined according to the selected specification of ferrules | | Determined according to the selected specification of ferrules | | | e iles | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Grey, Red, Blue (please contact sales for other color requirements) | | quirements) | | | |
| Screw/Rated torque -/N.m(lb.in)(kgf | f.cm) | M8/6-12 (67.3-135.6) | | M8/6-12 (67.3-135.6) | | | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | OT/DT | Ferrule,6-70 | | | OT/DT F | errule,6-70 | |
| External hexagonal wrench (specification | n) | External hexagonal wrench(M8) External hexa | | External hexag | onal wrench(N | М8) | | | |
| Maximum conductor joint width | mm | | | 22 | | 22 | | | |
| Bridge (2-3P) | 9 | | BS8-VE | 2 / BS8-VB3 | | BS8-VB2 / BS8-VB3 | | | |
| End cover | | / | | 1 | | | | | |
| Marker 1, 2, 3, 4, 5 A, B, C, D, E | | ZT12 / ZS12 | | | ZT12 | / ZS12 | | | |
| Marker support | | 1 | | | | / | | | |
| Terminal strip marker support | T | [| DLM2 / KLM3 | -20x8 / KLM3- | 44x8 | DI | LM2 / KLM3-2 | 20x8 / KLM3- | 44x8 |
| End clamp | | | E-PC 11 | 00A / E-WS N | | | E-PC 1100 | DA / E-WS N | |

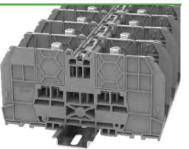




Bolted connection technology

Bolt type straight through terminal blocks





BS10 BS10 N

| C€ ROHS REA | CH | C€ | RoHS | REACI |
|-------------|----|----|------|-------|
| | | | | |

| Order NO. | | 11070000003 | | | 1107000004 | | | | |
|--|--|--|---------------|--|--------------------------------|---------------|-----------------|-------------------------|-------------------|
| Width/Length/Height(NS35 | /7.5&NS35/15) mm | 41/235/86(93.5) | | | | 41/144 | /86(93.5) | | |
| Electrical Data | | | EC 947-7-1 | | JL 1059 | | IEC 0947-7-1 | UL UL1059 | |
| Rated voltage | V | 10 | 000 | 6 | 00 | 1 | 000 | 6 | 00 |
| Rated current | А | 3 | 09 | 3 | 10 | | 309 | 3 | 10 |
| Rated cross section | mm²/ kcmil | 6- | 150 | 10 | -350 | 6 | -150 | 10 | -350 |
| Connection capacity | | Solid | Stranded F | errule (with and withou | t plastic sleeve) | Solid | Stranded F | errule (with and withou | t plastic sleeve) |
| 1 conductor | mm² | 6-150 | 6-150 | 6-150 | 6-150 | 6-150 | 6-150 | 6-150 | 6-150 |
| 2 flexible conductors with a | TWIN ferrule mm ² | _ | _ | - | - | _ | - | - | - |
| General Information | | | | | | | | | |
| Insulation material/Flamm (according to UL 94) | Insulation material/Flammability rating (according to UL 94) | | P | A/V0 | | PA/V0 | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | |
| Stripping length | mm | Determined according to the selected specification of ferrules | | Determined according to the selected specification of ferrules | | e les | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | Grey, Red, Blue (please contact sales for other color requirements) | | | quirements) | | |
| Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | M10/10-20(113-226) | | | M10/10-20(113-226) | | | | |
| Accessories | | | | | | | | | |
| Ferrule | | | OT/DT Fe | errule,6-150 | | | OT/DT F | errule,6-150 | |
| External hexagonal wren | ch (specification) | External hexagonal wrench(M10) | | | External hexagonal wrench(M10) | | | 10) | |
| Maximum conductor join | t width mm | | | 30 | | | 30 | | |
| Bridge (2-3P) | 9 | | BS10-VB | 2/BS10-VB3 | | | BS10-VB | 2 / BS10-VB3 | |
| End cover | | I | | I | | | | | |
| Marker | 1,2,3,4,5 A,B,C,D,E | ZT12 / ZS12 | | ZT12 / ZS12 | | | | | |
| Marker support | IT | KLM3-20x8 / KLM3-44x8 | | | KLM3-20x | 3 / KLM3-44x8 | 3 | | |
| Terminal strip marker support | | DI | LM2 / KLM3- | 20x8 / KLM3- | 44x8 | D | LM2 / KLM3-: | 20x8 / KLM3-4 | 14x8 |
| End clamp | | | E-PC 110 | 00A / E-WS N | | | E-PC 110 | 0A / E-WS N | |
| | | | | | | | | | |

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Marking System

Degson printer marking system, providing a complete solution for industrial site identification case. Our thermal transfer printers and laser printers provide customers with terminal blocks marker, wire marker, device marker Printing Service



Marking System



Teminal Blocks Marker



Cable Marker



Device Marker



Accessories

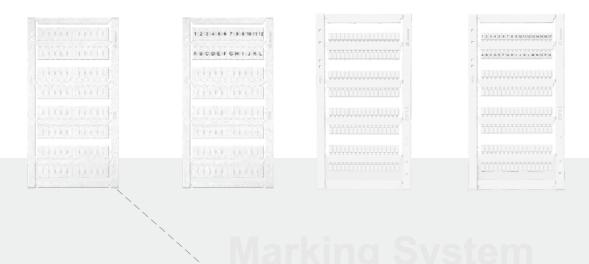




Marking

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Vario Writing Machine



- Flexible drawing function to realize various marker printing. Automatic calibration of printing requirements for better marks Influence
- Large area recognition area, batch printing

| M | larkir | ng s | ystem |
|---|--------|------|-------|
| | | | |

| Technical Data | | | | | |
|---|---------|------|-----|--|--|
| Dimension(mm) | Width | High | | | |
| | 470 | 480 | 155 | | |
| Marking area (mm) | 273x305 | | | | |
| Maximum drawing speed(mm/s) | 40 | | | | |
| Interface | USB2.0 | | | | |
| Input voltage (V) 100-240VAC / 50-60 Hz | | | | | |
| Material Data | | | | | |

Description: The Vario writing machine Order NO. Type 99020000001 PM-00A Accessories Accessories Order NO. Template 99020000006 99020000002 Writing pen Ink 99020000003

PTT Thermal Transfer Printer



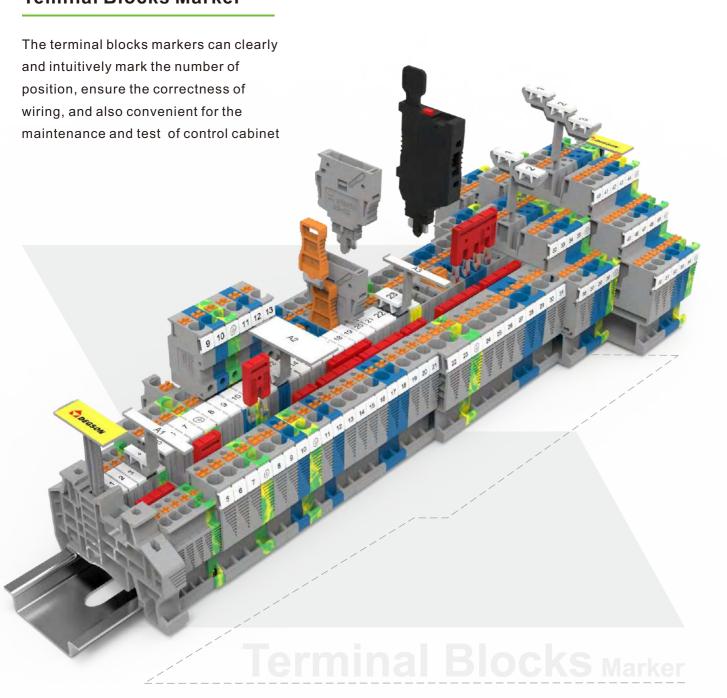
- Support plate printing to identify terminals, suitable for ZS, ZSF series standard markers
- Thermal transfer printing technology to realize fast batch printing

ZS Fixture ZSF Fixture

| Technical Data | | | | | |
|--------------------------|--|------|-----|--|--|
| | Width | High | | | |
| Dimension(mm) | 345 | 218 | 256 | | |
| Temperature range(°C) | 0~45 | | | | |
| Print resolution(dpi) | 300 | | | | |
| Maximum print width(mm) | 102 | | | | |
| Interface | Ethernet / USB Type B / USB3.0 / RS232 | | | | |
| | Material | Data | | | |
| Description: Plate Therm | al Transfer Printer | | | | |
| Туре | Order NO. | | | | |
| PTT | 99020000073 (To be released) | | | | |
| Accessories | | | | | |
| Accessories | essories Order NO. | | | | |

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Teminal Blocks Marker





ZC Series Markers





- Markers available in various widths
- Marking service: according to the printing needs of different customers
- We can provide customized printing service





| Technical Data | | | | | | |
|---------------------------------|--------------------------------------|--|--|--|--|--|
| Vario, Thermal Transfer Printer | | | | | | |
| PC | | | | | | |
| V2 | | | | | | |
| -40~110 | | | | | | |
| Silicone and gluten free | | | | | | |
| Terminal series | Installation location | | | | | |
| DC | Тор | | | | | |
| | Vario, Thermal P V -40- Silicone and | | | | | |

Material Data

Description: Marker strip, not printed

Color: White (please contact sales for other color requirements)

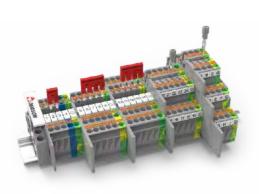
| Туре | Order NO. | Applicable width(mm) | Number of positions |
|------|-------------|----------------------|---------------------|
| ZC5 | 92118901439 | 5.1 | 120 |

The customized serivce will be provided according to the special printing requirements of customers.

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ZS Series Markers







- Top marker
- Easy to install and remove
- Markers available in various widths
- Marking service: according to the printing needs of different customers, we can provide customized printing service

| Technical Data | | | | | |
|-----------------------------------|---------------------------------|-----------------------|--|--|--|
| Applicable printer | Vario, Thermal Transfer Printer | | | | |
| Marking material | PC | | | | |
| Flammability rating, acc.to UL 94 | V2 | | | | |
| Temperature range(°C) | -40~110 | | | | |
| Ingredient | Silicone and gluten free | | | | |
| Applicable terminals | Terminal series | Installation location | | | |
| Applicable terminals | DS/PC | Тор | | | |
| | | | | | |

Material Data

Description: Marker strip, not printed

Color: White (please contact sales for other color requirements)

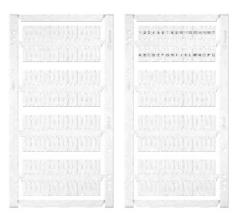
| Туре | Order NO. | Applicable width(mm) | Number of positions |
|--------|-------------|----------------------|---------------------|
| Z\$3.5 | 11060000590 | 3.5 | 136 |
| ZS5 | 11060000591 | 5.2 | 96 |
| ZS6 | 11060000592 | 6.2 | 80 |
| ZS8 | 11060000593 | 8.2 | 56 |
| ZS10 | 11060000594 | 10.2 | 48 |
| ZS12 | 11060000595 | 12.2 | 40 |

The customized serivce will be provided according to the special printing requirements of customers.

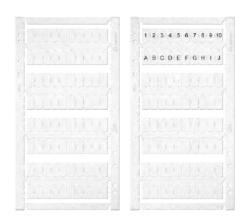
ZS Series Markers

DEGSON

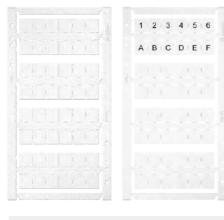
ZS series markers have: ZS3.5, ZS5, ZS6, ZS8, ZS10, ZS12 six series in total.



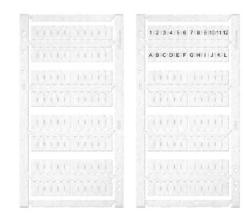




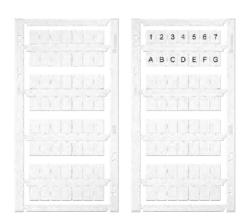
ZS6



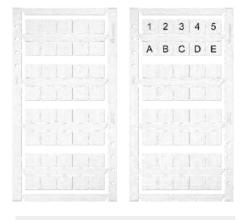
ZS10



ZS5



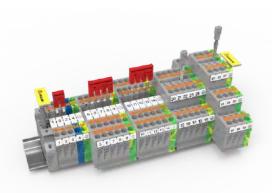
ZS8



ZS12

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ZSF Series Markers



- Easy to install and remove
- Markers available in various widths
- Marking service: according to the printing needs of different customers, we can provide customized printing service





| Technical Data | | | | |
|-----------------------------------|---------------------------------|-----------------------|--|--|
| Applicable printer | Vario, Thermal Transfer Printer | | | |
| Marking material | PC | | | |
| Flammability rating, acc.to UL 94 | V2 | | | |
| Temperature range(°C) | -40~110 | | | |
| Ingredient | Silicone and gluten free | | | |
| Applicable terminals | Terminal series | Installation location | | |
| Applicable terminals | DS/PC | Side | | |

Material Data

Description: Marker strip, not printed

Color: White (please contact sales for other color requirements)

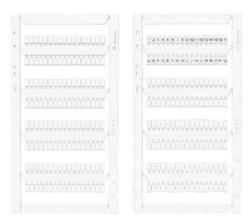
| Туре | Order NO. | Applicable width(mm) | Number of positions |
|--------|-------------|----------------------|---------------------|
| ZSF3.5 | 11060000596 | 3.5 | 136 |
| ZSF5 | 11060000597 | 5.2 | 96 |
| ZSF6 | 11060000598 | 6.2 | 80 |
| ZSF8 | 11060000599 | 8.2 | 56 |
| ZSF10 | 11060000600 | 10.2 | 48 |
| ZSF12 | 11060000601 | 12.2 | 40 |

The customized serivce will be provided according to the special printing requirements of customers.

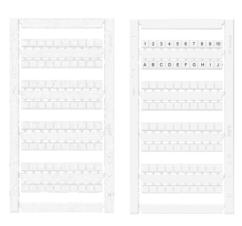


ZSF Series Markers

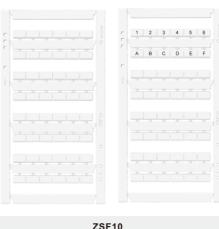
ZSF series markers have ZSF3.5, ZSF5, ZSF6, ZSF8, ZSF10, ZSF12 six series in total.



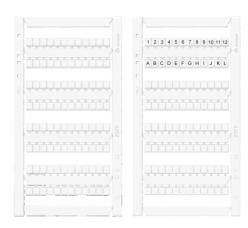
ZSF3.5



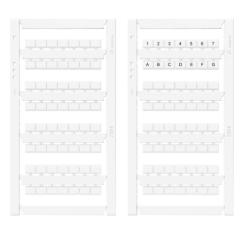
ZSF6



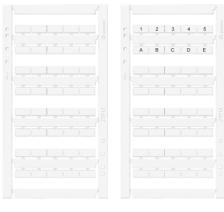
ZSF10



ZSF5



ZSF8



ZSF12

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ZB Series



| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|
| Α | В | С | D | E | F | G | Н | 1 | J |

- Easy to install and remove
- Markers available in various widths
- Can be printed with Vario
- Marking service: according to the printing needs of different customers, we can provide customized printing service

| Technical Data | | | | |
|-----------------------------------|--------------------------|-----------------------|--|--|
| Applicable printer | Vario | | | |
| Marking material | F | PA | | |
| Flammability rating, acc.to UL 94 | V0 | | | |
| Temperature range(°C) | -40~105 | | | |
| Ingredient | Silicone and gluten free | | | |
| Applicable terminals | Terminal series | Installation location | | |
| Applicable terilinals | DS/PC | Тор | | |

Material Data

Description: Marker strip, not printed

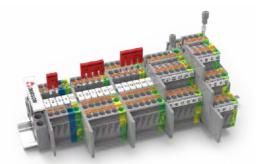
Color: White (please contact sales for other color requirements)

| Туре | Order NO. | Applicable width(mm) | Number of positions |
|-------|-------------|----------------------|---------------------|
| ZB3.5 | 92118900094 | 3.5 | 10 |
| ZB4 | 92118900109 | 4.2 | 10 |
| ZB5 | 92118900129 | 5.2 | 10 |
| ZB6 | 92118900430 | 6.2 | 10 |
| ZB8 | 92118900578 | 8.2 | 10 |
| ZB10 | 92118900024 | 10.2 | 10 |

The customized serivce will be provided according to the special printing requirements of customers.

ZK Series Marker Strip

DEGSON







- Easy to install and remove
- Can be printed with Vario
- Marking service: according to the printing needs of different customers, we can provide customized printing service

| Technical Data | | | |
|-----------------------------------|--------------------------|-----------------------|--|
| Applicable printer | Vario | | |
| Marking material | PC | | |
| Flammability rating, acc.to UL 94 | V2 | | |
| Temperature range(°C) | -40~110 | | |
| Ingredient | Silicone and gluten free | | |
| | Terminal series | Installation location | |
| Applicable terminals DS Side | | | |
| Material Data | | | |

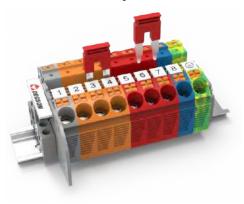
Description: Marker strip, not printed

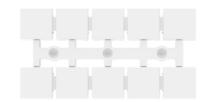
Color: White (please contact sales for other color requirements)

| Туре | Order NO. | Applicable width(mm) | Number of positions |
|------|-------------|----------------------|---------------------|
| ZK5 | 92118901170 | 5.2 | 24 |
| ZK6 | 92118901207 | 6.2 | 20 |

The customized serivce will be provided according to the special printing requirements of customers. Marking Systen

ZT Series Marker Strip





| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| | | | | |
| Α | В | С | D | Ε |

- Easy to install and remove
- Can be printed with Vario
- Marking service: according to the printing needs of different customers, we can provide customized printing service

| Technical Data | | | |
|-----------------------------------|--------------------------|-----------------------|--|
| Applicable printer | Vario | | |
| Marking material | PC | | |
| Flammability rating, acc.to UL 94 | V2 | | |
| Temperature range(°C) | -40~110 | | |
| Ingredient | Silicone and gluten free | | |
| Annliachla tarminala | Terminal series | Installation location | |
| Applicable terminals | DS/WS/PC/DC | Тор | |

Material Data

Description: Marker strip, not printed

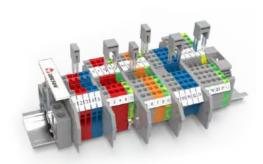
Color: White (please contact sales for other color requirements)

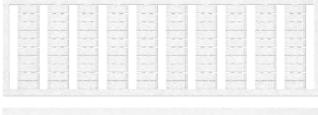
| Туре | Order NO. | Applicable width(mm) | Number of positions |
|------|-------------|----------------------|---------------------|
| ZT12 | 92118901290 | 12.2 | 10 |

The customized serivce will be provided according to the special printing requirements of customers.



WB Series Markers





| 0 | - | | | | | |
|----|-----|------|-------|------|------|---------|
| - | - B | | | | | - 20- 1 |
| 0 | - | | | | | |
| 00 | I | | | | | |
| ~ | 0 | | | | | |
| | | | | | | |
| 9 | u. | | | | | |
| 40 | ш | | | | | |
| 4 | 0 | 1000 | | | | |
| 63 | O | 1 | | | | - |
| | 100 | | - | | | |
| N | 00 | | | | | |
| - | < | | | | 1 | |

- Easy to install and remove
- Available in 4mm and 5mm widths
- Can be printed with Vario
- Marking service: according to the printing needs of different customers, we can provide customized printing service

| Technical Data | | | | |
|-----------------------------------|-----------------|--------------------------|--|--|
| Applicable printer | Vario | | | |
| Marking material | F | PA | | |
| Flammability rating, acc.to UL 94 | V0 | | | |
| Temperature range(°C) | -40~105 | | | |
| Ingredient | Silicone and | Silicone and gluten free | | |
| A | Terminal series | Installation location | | |
| Applicable terminals | WS | Тор | | |

Material Data

Description: Marker strip, not printed

Color: White (please contact sales for other color requirements)

| Туре | Order NO. | Applicable width(mm) | Number of positions |
|------|-------------|----------------------|---------------------|
| WB4 | 92118900841 | 4 | 100 |
| WB5 | 92118900002 | 5 | 100 |

The customized serivce will be provided according to the special printing requirements of customers.

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Terminal Blocks Marker

DEK Series Markers







- Easy to install and remove
- Markers available in various widths
- Can be printed with Vario
- Marking service: according to the printing needs of different customers, we can provide customized printing service

| Technical Data | | | | |
|-----------------------------------|-----------------|--------------------------|--|--|
| Applicable printer | Vario | | | |
| Marking material | PA | | | |
| Flammability rating, acc.to UL 94 | V0 | | | |
| Temperature range(°C) | -40~105 | | | |
| Ingredient | Silicone an | Silicone and gluten free | | |
| | Terminal series | Installation location | | |
| Applicable terminals | WS | Side | | |

Material Data

Description: Marker strip, not printed

Color: White (please contact sales for other color requirements)

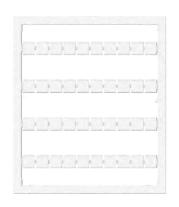
| Туре | Order NO. | Applicable width(mm) | Number of positions | | |
|------|-------------|----------------------|---------------------|--|--|
| DEK4 | 92118900750 | 4 | 50 | | |
| DEK5 | 92118900753 | 5 | 50 | | |
| DEK6 | 92118900791 | 6 | 50 | | |

The customized serivce will be provided according to the special printing requirements of customers.



ZW Series Markers







- Easy to install and remove
- Markers available in various widths
- Can be printed with Vario
- Marking service: according to the printing needs of different customers, we can provide customized printing service

| Technical Data | | | |
|-----------------------------------|--------------------------|-----------------------|--|
| Applicable printer | Va | ario | |
| Marking material | ng material PA | | |
| Flammability rating, acc.to UL 94 | | /0 | |
| Temperature range(°C) | -40~105 | | |
| Ingredient | Silicone and gluten free | | |
| | Terminal series | Installation location | |
| Applicable terminals | WS | Тор | |
| Material Data | | | |

Description: Marker strip, not printed

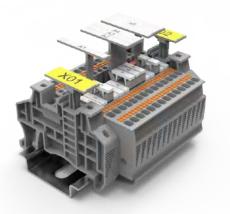
Color: White (please contact sales for other color requirements)

| Туре | Order NO. | Applicable width(mm) | Number of positions |
|------|-------------|----------------------|---------------------|
| ZW5 | 92118900703 | 5.1 | 40 |

The customized serivce will be provided according to the special printing requirements of customers.

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DTH Marker Carrier



- Marking directly on the terminal
- Suitable for 3.5mm and 5.2mm width terminals
- Extended Marking area
- Marking can be done directly with self-adhesive labels





| Technical Data | | | |
|-----------------------------------|--------------------------|--|--|
| Marking material | PA | | |
| Flammability rating, acc.to UL 94 | V0 | | |
| Temperature range(°C) | -40~105 | | |
| Ingredient | Silicone and gluten free | | |

Material Data

Description: Stuck in the center of the terminal, can be directly marked with DML labels, ZS3.5 or ZS5 installed on the bottom

Color: Grey (please contact sales for other color requirements) Labels for reel printers

| Туре | Order NO. | Foot width(mm) | Marking range(mm) |
|---------------|-------------|----------------|-------------------|
| DTH3.5-25x3.5 | 10060000570 | 3.5 | 25x3.5 |
| DTH3.5-25x12 | 10060000567 | 3.5 | 25x12 |
| DTH5-25x5 | 10060000569 | 5 | 25x5 |
| DTH5-25x12 | 10060000568 | 5 | 25x12 |

| Accessories | | | |
|-------------|---------------------------|--|--|
| Туре | Labels for reel printers | | |
| DML(25x3.5) | 1 reel =10000 pcs markers | | |
| DML(25x12) | 1 reel =10000 pcs markers | | |
| DML(25x5) | 1 reel =10000 pcs markers | | |

The customized serivce will be provided according to the special printing requirements of customers.



DMTH Marker Bracket, Useing For Marking Multi-level Terminals



- Increase the size of the sign area
- Marker brackets can be mounted over multi-level terminals



| Technical Data | | | |
|-----------------------------------|--------------------------|--|--|
| Marking material | PA | | |
| Flammability rating, acc.to UL 94 | V0 | | |
| Temperature range(°C) | -40~105 | | |
| Ingredient | Silicone and gluten free | | |

Material Data

Description: Marker strip, not printed

Color: Grey (please contact sales for other color requirements)

| Туре | Order NO. | Number of shelf layers | Applicable terminals | Applicable markers |
|---------|-------------|------------------------|------------------------------------|--------------------|
| DMTH5-2 | 11060000588 | Double-layer | DSKK2.5 Double- layer terminal | ZS5 / ZB5 |
| DMTH5-3 | 11060000589 | Triple-layer | DS2.5-3L Triple- layer terminal | ZS5 / ZB5 |

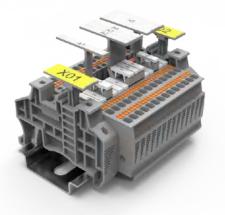
The customized serivce will be provided according to the special printing requirements of customers.

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DEGSON

Terminal Blocks Marker



- KLM series product dedicated to E-PC-1100A(H)/E-WS End stopper
- The height of marking area is adjustable
- Three-section support bar can be cut at will



| Tech | nnical Data | | |
|-----------------------------------|-------------|--|--|
| Marking material | PA | | |
| Flammability rating, acc.to UL 94 | V0 | | |
| Temperature range(°C) | -40~105 | | |

Material Data

Description: Terminal strip markers, height can be adjusted and cut Color: White (please contact sales for other color requirements)

| Туре | Order NO. | Applicable end stopper | Identity range (mm) |
|-----------|-------------|------------------------------|---------------------|
| KLM3-20x8 | 10060000573 | E-PC-1100A / E-WS N | 20x8 |
| KLM3-44x8 | 10060000574 | E-PC-1100A / E-WS N / E-WS-5 | 44x8 |

| Accessories | | |
|-------------|---------------------------|--|
| Туре | Labels for reel printers | |
| DML(20x8) | 1 reel=10000 pcs markers | |
| DML(44x8) | 1 reel =10000 pcs markers | |

The customized serivce will be provided according to the special printing requirements of customers.





| Technical Data | | | | |
|-----------------------------------|---------------------|--------|------|--|
| Dimension(mm) | Width | Length | High | |
| Dimension(mm) | 15.6 | 44 | 45.6 | |
| Marking material | PA V0 -40~105 | | | |
| Flammability rating, acc.to UL 94 | | | | |
| Temperature range(°C) | | | | |

Material Data

Description: Terminal blocks marking

Color: Grey (please contact sales for other color requirements)

| Туре | Order NO. | Identity range(mm) |
|-------|-------------|--------------------|
| DBE-1 | 11060000210 | 40x12 |

DBE-2 Terminal Blocks Marker

Can be mounted directly on DIN rail

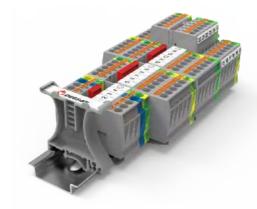
for terminal blocks marker

Can be used alone or with DLM

DEGSON

DBE-1 Terminal

Blocks Marker



- Can be mounted directly on DIN rail for terminal blocks marker
- Can be used alone or with DLM





| Technical Data | | | |
|-----------------------------------|---------|--------|------|
| Dimension(mm) | Width | Length | High |
| | 9.5 | 43.5 | 45.9 |
| Marking material | PA | | |
| Flammability rating, acc.to UL 94 | Vo | | |
| Temperature range(°C) | -40~105 | | |

Material Data

Description: Terminal blocks marking

Color: Grey (please contact sales for other color requirements)

| Туре | Order NO. | Identity range(mm) |
|-------|-------------|--------------------|
| DBE-2 | 11060000286 | 35x8 |

-211-

DLM Terminal Blocks Marker



Use with DBE to realize the marking function



| Technical Data | | | |
|-----------------------------------|---------|--------|------|
| Dimension(mm) | Width | Length | High |
| Dimension(mm) | 9.5 | 46 | 36.8 |
| Marking material | PC | | |
| Flammability rating, acc.to UL 94 | V2 | | |
| Temperature range(°C) | -40~110 | | |

Material Data

Description: Terminal blocks marking

Color: Transparent (please contact sales for other color requirements)

| Туре | Order NO. | Accessories |
|------|-------------|--------------------------|
| DLM2 | 11060000214 | DBE-1,DBE-2, E-PC series |

Warning Marker



- Warning marker are used to identify power terminal blocks
- Prevent mishandling the connection points of wires





| Technical Data | | |
|-----------------------------------|---------|--|
| Marking material | PA | |
| Flammability rating, acc.to UL 94 | V0 | |
| Temperature range(°C) | -40~105 | |

Material Data

Description: Safety warning marker for WS series Color: Yellow (please contact sales for other color requirements)

| Туре | Order NO. | Applicable width(mm) |
|--------|-------------|----------------------|
| EEA1.5 | 92118901391 | 4 |
| EEA2.5 | 11060000064 | 5 |
| EEA4 | 11060000065 | 6 |
| EEA6 | 11060000066 | 8 |
| EEA10 | 92118901059 | 10 |
| EEA16 | 92118901060 | 12 |

Cable Marker

Cable maker can clearly and intuitively mark the pin numbers of cables in the control cabinet and switch cabinet, making the installation and maintenance of components in the control cabinet easier and more efficient



- DSL series marking sleeves for longterm cable marking
- Marker sleeves provide electrical insulation and mechanical protection of conductors



Development

| Technical Data | |
|-----------------------|-----------------------------|
| Applicable printer | Reel printer |
| Marking material | Polyolefin |
| Temperature range(°C) | -55~125 |
| Scratch resistance | DIN EN 61010-1 (VDE 0411-1) |
| Ingredient | Halogen Free |

| Material | Date |
|----------|------|
| Material | Date |

Description: Marking sleeve for wire diameter xx mm

Color: White (please contact sales for other color requirements)

| Туре | Order NO. | Specification |
|--------|-----------|---------------|
| DSL-ZH | 1 | 1 reel = xx m |

Thermal Casing



- DSLL series marking sleeves for long-term cable marking
- Prefabricated heat-shrinkable sleeves, fixed first and then heatshrinked
- Thermal casing provide electrical insulation and mechanical protection of conductors



Development

| Technical Data | | |
|-----------------------|-----------------------------|--|
| Applicable printer | Reel printer | |
| Marking material | Polyolefin | |
| Temperature range(°C) | -55~105 | |
| Scratch resistance | DIN EN 61010-1 (VDE 0411-1) | |
| Ingredient | Halogen Free | |
| Shrinkage | 2:1 | |

Material Data

 $\textbf{Description:} \ \mathsf{Marking} \ \mathsf{sleeve} \ \mathsf{for} \ \mathsf{wire} \ \mathsf{diameter} \ \mathsf{xx} \ \mathsf{mm}$

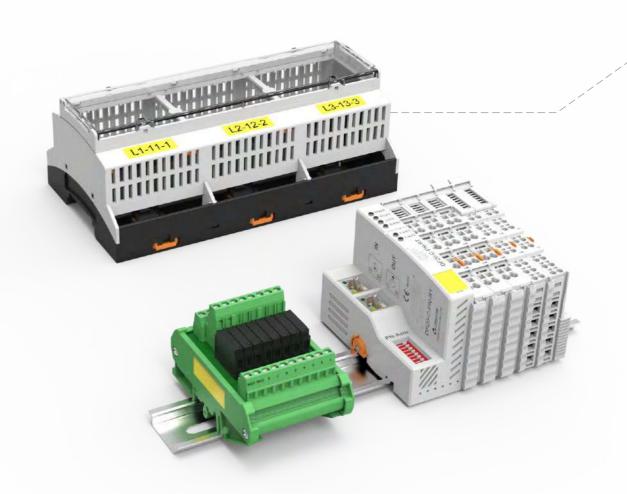
Color: White (please contact sales for other color requirements)

| Type | Order NO. | Specification |
|-----------|-----------|----------------------------|
| DSSL-2-ZH | 1 | 1 reel = xx m , continuous |

Device Marker

DEGSON

Device marker the surface of the equipment or electrical components, plays a role in identification, and can clarify the functions and application of the device or electrical components



Device Marker

-215-

Self-adhesive Device Markers for Buttons



- Self-adhesive markers for marking electronic buttons and indicators on control cabinets
- Printed content is tested against a variety of laboratory standards and can be used in harsh industrial environments

Development

| Technical Data | |
|--------------------------|-----------------------|
| Button diameter | Applicable printer |
| Polyester | Marking material |
| -40~120 | Temperature range(°C) |
| EN 61010-1 (VDE 0411-1) | Scratch resistance |
| Silicone and gluten free | Ingredient |
| | ngredient Materi |

| Color: White (please contact sales for other color requirements) | |
|--|--|

| Туре | Order NO. | Button diameter(mm) | Specification |
|--------|-----------|---------------------|---------------|
| DBML24 | 1 | 24 | 1 reel = xx m |
| DBML30 | 1 | 30 | 1 reel = xx m |

DMLSelf-adhesive Device Markers



 Self-adhesive labels can be used for marking on a variety of equipments can be used in harsh industrial environments

Development

| Technical Data | |
|-----------------------|-----------------------------|
| Applicable printer | Reel printer |
| Marking material | Polyester |
| Temperature range(°C) | -40~150 |
| Scratch resistance | DIN EN 61010-1 (VDE 0411-1) |
| Ingredient | Silicone and gluten free |
| Mat | erial Data |

Description: Label, printable with thermal transfer printer

Color: White (please contact sales for other color requirements

| Color. Write (please contact sales for other color requirements) | | |
|--|-----------|---------------|
| Туре | Order NO. | Specification |
| DML(24x3) | 1 | 1 reel = xx m |
| DML(24x4) | 1 | 1 reel = xx m |

Device Markers, High Flexibility

Self-adhesive PVC



 Highly flexible markers can be marked on curved and ribbed surfaces, can be used in harsh industrial environments

Development

| Technical Data | |
|-----------------------|-----------------------------|
| Applicable printer | Reel printer |
| Marking material | PVC |
| Temperature range(°C) | -40~90 |
| Scratch resistance | DIN EN 61010-1 (VDE 0411-1) |
| Ingredient | Silicone and gluten free |

Material Data

Description: Label, printable with thermal transfer printer

Color: White (please contact sales for other color requirements)

| Color: White (please contact sales for other color requirements) | | |
|--|-----------|---------------|
| Туре | Order NO. | Specification |
| DMLF(24x3) | 1 | 1 reel = xx m |
| DMLF(24x4) | 1 | 1 reel = xx m |

Self-adhesive Device Marking, High Temperature



High temperature labels for marking circuit boards

Development

| Technical Data | |
|-----------------------|-----------------------------|
| Applicable printer | Reel printer |
| Marking material | Acrylate |
| Temperature range(°C) | -40~180 |
| scratch resistance | DIN EN 61010-1 (VDE 0411-1) |
| Ingredient | Silicone and gluten free |

Material Data

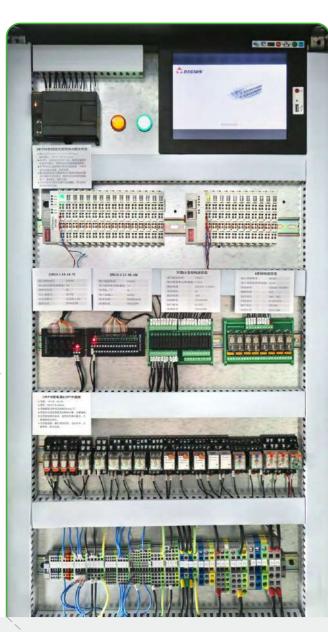
Description: Label, printable with thermal transfer printer **Color:** White (please contact sales for other color requirements)

| Туре | Order NO. | Specification |
|-------------|-----------|---------------|
| DHTML(24x3) | 1 | 1 reel = xx m |
| DHTML(24x4) | 1 | 1 reel = xx m |

-217- -218-

Accessories

DIN rails and end stopper can ensure reliable connection of electrical connectors and components in the control cabinet, shielded terminal blocks can ensure that wiring conforms EMC standards, and wire slot can ensure a beautiful performance of layout in the cabinet.



Accessories



DEGSON

DIN Rail NS15,

- DIN rails are designed according to European EN60715 standard
- High dimensional accuracy and surface polishing
- All DIN rails are available in lengths upon request

| Material Data | | | | |
|---------------------------------------|-------------|--------------------------------|----------|------------|
| Description: DIN-Rail, 1 meter length | | | | |
| Туре | Order NO. | Material | Hole(mm) | Height(mm) |
| NS15 | 92113900003 | Steel/Blue and white Zn Plated | 4.1x12 | 5.5 |

DIN Rail NS35, Short Type



- DIN rails are designed according to European EN60715 standard
- High dimensional accuracy and surface polishing
- All DIN rails are available in lengths upon request

| | | Material Data | | |
|---------------------------------------|-------------|-----------------|----------|-----------|
| Description: DIN-Rail, 1 meter length | | | | |
| Туре | Order NO. | Material | Hole(mm) | Height(mn |
| NS35-7.5 | 92113900022 | steel/Zn Plated | 6.2x15 | 7.5 |

Aluminum

5.2x15

7.5

NS35-7.5-AL

92113900037

-219-

Snap-in End Stopper













E-PC-1100A(H)

| E-WS | E-WS N |
|------|--------|
| | |

| End stopper can ensure a secur |
|--------------------------------|
| DIN rail system, the reliable |
| marking area is large |

| Technical Data | | |
|-----------------------------------|---------|--|
| Marking material | PA | |
| Temperature range(°C) | -40~105 | |
| Flammability rating, acc.to UL 94 | V0 | |

| Material Data |
|---------------|
| |

| Description: | End clamp | Color: | Grey |
|--------------|-----------|--------|------|
| | | | |

| Туре | Order NO. | Width(mm) | Adapter bracket | |
|---------------|-------------|-----------|---------------------------------|--|
| E-PC-1000A(H) | 11060000074 | 9.5 | DLM2 | |
| E-PC-1100A(H) | / | 9.5 | DLM2 / KLM3-20x8 / KLM3-44x8 | |
| E-PC | 11060000073 | 9.5 | DLM2 | |
| E-WS | 11060000127 | 10 | 1 | |
| E-WS N | / | 8 | KLM3-20x8 / KLM3-44x8 | |
| E-WS-5 | 11060000422 | 5 | KLM3-20x8 / KLM3-44x8 | |

Neutral Bus Bar



| Technical Data | | | | | | |
|------------------|-------------------------------------|----------------|--------|------------|-----------|------------|
| Marking material | | | Copper | | | |
| Materi | | | I D | ata | | |
| Description: PE | Description: PEN Wire Bus Bars Colo | | | у | | |
| Туре | Order NO. | Rated current(| | Length(mm) | Width(mm) | Height(mm) |
| DLS-CU3/10 | 92118900917 | 140 | | 10 | 1000 | 3 |

Neutral Bus Bar Bracket

Bracket for shield connection terminal blocks DSK

DEGSON



Brackets for supporting bus bars

Development

| Technic | cal Data |
|-----------------------------------|----------|
| Marking material | PA |
| Flammability rating, acc.to UL 94 | VO |

Material Data

Description: Bracket, insulated, with set screws

Color: Grey

| Туре | Order NO. | Width(mm) | Length(mm) | Height(mm) |
|--------|-----------|-----------|------------|------------|
| AB/DSS | / | 19.4 | 23. 4 | 21. 7 |

Shield Terminal

Screw-shaped shield connection terminals of the DSK series



- Easy to operate
- Knurled screw
- Spring loaded, large head area
- Suitable for direct mount and bus bar



Development

| | Material Data | | | | | |
|------------------------------------|---------------|---|--------------|-----------------------|--|--|
| Description: Shield terminal block | | | | | | |
| Туре | Order NO. | Installation location | Diameter(mm) | Tightening torque(Nm) | | |
| DSK | 1 | Install the shielded wire directly on the bus bar | 2-5 | 0.4 | | |

-221--222Use with matching bus bars, suitable for switch cabinets and control equipment

Development

| Development | | | | |
|-----------------------------------|--|---------|--------|---------|
| Technical Data | | | | |
| | | DKG4 | DKG16 | DKG35 |
| Rated volt | age(V) | 300 | 300 | 300 |
| Rated cur | rent(A) | 32 | 76 | 125 |
| Maximum | load current(A) | 41 | 76 | 125 |
| Thread | | M4 | M5 | M6 |
| Tightening | g torque(N.m) | 1.5-1.8 | 2.5-3 | 3.2-3.7 |
| Rated cros | ss section(mm²) | 4 | 16 | 35 |
| Stripping | length(mm) | 16 | 16 | 16 |
| | Solid | 0.5-6 | 1.5-16 | 2.5-35 |
| Wiring capacity | Stranded | 0.5-4 | 1.5-16 | 2.5-35 |
| capacity | Ferrule with/ without plastic sleeve | 0.5-6 | 1.5-16 | 2.5-35 |
| General parameters | | | | |
| Insulation Materials | | | PA | |
| Flammability rating, acc.to UL 94 | | | V2 | |

Wire Slot

DEGSON



Provide the best solution for incabinet wiring

Development

| Technical Data | | |
|-----------------------------------|--------------|--|
| Marking material | PC/ABS | |
| Temperature range(°C) | -40~90 | |
| Flammability rating, acc.to UL 94 | V0 | |
| Ingredient | Halogen Free | |
| Material Data | | |

Material Data

Description: Wire slot, 2 meters length

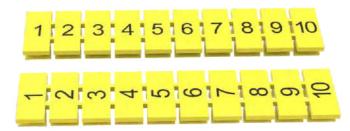
| Туре | Order NO. | Specification |
|-------|-----------|---------------|
| WD-ZH | 1 | 1 bar= 2m |

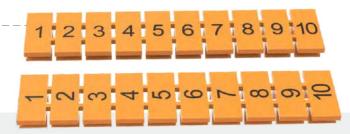
DEGSON

Customized

Marker customization

DEGSON markers (ZB, ZK, WB series), can match the DIN Rail terminal blocks, clearly identify the wiring, can customize the color and marking content on request, realize the flexible marking of the DIN Rail terminal blocks, you can contact the sales staff if you have relevant requirements.







DIN Rail terminal blocks customization

DEGSON DIN Rail terminal blocks, which can flexibly realize stable connection of on-site circuits, and can customize product color, printing, and printing color according to the actual needs of customers. There are 9 common colors to choose from. Can also make minor modifications of products on request, flexibly match on-site needs, please contact sales personnel if you have relevant needs.



colors alone,
When the product name contains
PE and Y, it means yellow and
green



Customized

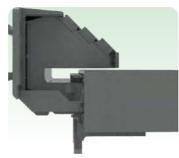
Drawer Terminal Block

Feature

- Push-in connection technology, convenient and efficient connection
- New and unique structure design, 45° input and 90° transfer, save installation space
- Modular output structure, easy to operate
- The main body and drawer base are assemblied by modules splicing
- Spring limit structure with independent innovation can make sure connection stablity
- 4 fixing holes on both sides









Customized

DEGSON

Push-in connection technology

Drawer Terminal Block





DS2.5PH-16P

DS2.5PH-24P

C€ EHE ROHS REACH

| Dimensions | | | | | | | | | |
|---|-----------------|--|----------|--------------------------|---------------------|----------------|------------|-----------------------|----------------------|
| Pitch | mm | | 10&11 | | | | 10&11 | | |
| Electrical Data | | | IEC61984 | | | IEC61984 | | | |
| Pollution degree | | 2 | 2 | 3 | UL1059 | 2 | 2 | 3 | UL1059 |
| Overvoltage category | | II | III | III | | II | III | III | |
| Rated voltage | V | 630 | 320 | 250 | 300 | 630 | 320 | 250 | 300 |
| Rated current | А | | 20 | | 13 | | 20 | | 13 |
| Wire range | mm²/AWG | | 0.2-2.5 | | 24-14 | | 0.2-2.5 | | 24-14 |
| Rated surge voltage | KV | 4 4 | | | | | | | |
| Connection capacity | | Solid | Stranded | Ferrule (with and withou | out plastic sleeve) | Solid | Stranded F | errule (with and with | nout plastic sleeve) |
| 1 conductor | mm² | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-1.5 | 0.2-2.5 | 0.2-2.5 | 0.2-1.5 | 0.2-1.5 |
| 2 flexible conductors with a TWIN ferrule | mm² | _ | - | _ | _ | _ | _ | _ | _ |
| General information | | | | | | | | | |
| Insulation material/Flammability rating(accor | rding to UL 94) | | | PA/V0 PC/V2 | | PA/V0 PC/V2 | | | |
| Operation temperature | °C (°F) | -40(-40)~80(176) -40(-40)~80(176) | | | | | | | |
| Stripping length | mm | 14 14 | | | | | | | |
| Color | | Gray (customization demand is available) Gray (customization demand is available) | | | available) | | | | |
| Slotted screwdriver size (Blade thickness x \ | Width) mm | | 0. | .6x3.5 | | | 0. | 6x3.5 | |
| loop number | | | | 57 | | | | 84 | |

-227-

End clamp

DEGSON

Customized

Customized

Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





WS1.5-SD

E-PC 1100A / E-WS N

C€ EHI ROHS REACH

| | | C€ FHI RO | H2 KEACH | | | |
|---|---------------------------|-----------------|-----------------------------|-----------------------------|-----------------|--|
| Order NO. | | | 11030 | 000071 | | |
| Width/Length/Height(NS35/7.5& | NS35/15) mm | 4/42.5/38(45.5) | | | | |
| Electrical Data | | | IEC 0947-7-1 | UL UL1059 | | |
| Rated voltage | V | 8 | 300 | 6 | 00 | |
| Rated current | А | | 18 | 1 | 10 | |
| Rated cross section | mm²/AWG | 0.2 | 2-1.5 | 28 | -16 | |
| Connection capacity | | Solid | Stranded Fer | rule (with and without | plastic sleeve) | |
| 1 conductor | mm ² | 0.2-1.5 | 0.2-1.5 | 0.2-1.5 | 0.2-1 | |
| 2 flexible conductors with a TWIN | I ferrule mm ² | _ | _ | _ | 0.5 | |
| General Information | | | | | | |
| Insulation material/Flammabilit (according to UL 94) | y rating | | PA | /V0 | | |
| Operation temperatures | °C (°F) | | -40(-40) | -105(221) | | |
| Stripping length | mm | 8-9 | | | | |
| Color | | (please co | Grey, R entact sales for | ed, Blue other color red | quirements) | |
| Accessories | | | | | | |
| Ferrule | | | | I | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 0.4 | x2.5 | | |
| Adjacent jumper (2P) | | | | I | | |
| Alternate jumper (2P) | | | | I | | |
| Staggered jumper (2P) | | | | I | | |
| End cover | | | D-WS | 1.5-SD | | |
| Partition plate | | | | I | | |
| Top marker | | | | I | | |
| Side marker | | | ZB4 | / WB4 | | |
| Warning cover | IIII | | EE | A1.5 | | |
| Terminal strip marker support | | D | LM2 / KLM3-2 | 0x8 / KLM3-4 | 14x8 | |
| Ford alarma | AL LINE | | | | | |

Customized

Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks







WS2.5-SD

| | C€ EHE ROHS REACH | | C € EHE ROHS REACH | | | | |
|--|---|----------------------------------|---------------------|---------------------------------------|--|--|--|
| Order NO. | 11030000 | 195 | 11030000196 | | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mr | 5/42.5/38(4 | 15.5) | 5/42.5/3 | 38(45.5) | | | |
| Electrical Data | IEC IEC60947-7-1 | UL UL1059 | IEC IEC60947-7-2 | UL UL1059 | | | |
| Rated voltage V | 800 | 600 | 1 | 1 | | | |
| Rated current A | 24 | 15 | 1 | 1 | | | |
| Rated cross section mm ² /AWG | 0.2-2.5 | 28-12 | 0.2-2.5 | 28-12 | | | |
| Connection capacity | Solid Stranded Ferrule (v | with and without plastic sleeve) | Solid Stranded Ferr | ule (with and without plastic sleeve) | | | |
| 1 conductor mm | 0.2-2.5 0.2-2.5 | 0.2-2.5 0.2-1.5 | 0.2-2.5 0.2-2.5 | 0.2-2.5 0.2-1.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm | _ | - 0.5 | | - 0.5 | | | |
| General Information | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | | PA | /V0 | | | |
| Operation temperatures $^{\circ}\text{C}$ ($^{\circ}\text{F}$ | -40(-40)~105 | 5(221) | -40(-40)~105(221) | | | | |
| Stripping length mr | 8-9 | | 8-9 | | | | |
| Color | Grey, Red, (please contact sales for other | | Green | -yellow | | | |
| Accessories | | | | | | | |
| Ferrule | 1 | | | / | | | |
| Slotted screwdriver size (Blade thickness x Width) | 0.5x3.5 | 5 | 0.5x3.5 | | | | |
| Adjacent jumper (2P) | WFA2.5 | 5 | 1 | | | | |
| Alternate jumper (2P) | WFB2.5 | 5 | | / | | | |
| Staggered jumper (2P) | WFC2.5-2 WFC2.5-3 W WFC2.5-6 WFC2.5-7 W | | | I | | | |
| End cover | D-WS2.5- | SD | D-WS2 | 2.5-SD | | | |
| Partition plate | 1 | | | 1 | | | |
| Top marker | ZB5 / W | B5 | ZB5 / | WB5 | | | |
| Side marker | DEK5 | | DE | :K5 | | | |
| Warning cover | EEA2.5 | 5 | EE, | A2.5 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 | / KLM3-44x8 | DLM2 / KLM3-2 | 0x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / | E-WS N | E-PC 1100A / E-WS N | | | | |

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DEGSON

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Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





WS4-SD

₽N°us C€ EHE ROHS REACH

| Order NO. | r NO. | | | 11030000295 | | | | | |
|--|---------------------------|-------------------|--------------------------|-----------------------------|----------------------|--|--|--|--|
| Width/Length/Height(NS35/7.5&NS35/15 | 5) mm | | 6/41.8 | 3/40(47.5) | | | | | |
| Electrical Data | | | IEC 0947-7-1 | UL UL1059 | | | | | |
| Rated voltage | V | | 800 | | 600 | | | | |
| Rated current | А | | 32 | | 20 | | | | |
| Rated cross section m | 0 |).2-4 | | 28-12 | | | | | |
| Connection capacity | | Solid | Stranded F | Ferrule (with and wit | hout plastic sleeve) | | | | |
| 1 conductor | mm² | 0.2-4 | 0.2-4 | 0.2-4 | 0.2-4 | | | | |
| 2 flexible conductors with a TWIN ferrule | mm ² | _ | _ | _ | 0.5 | | | | |
| General Information | | | | | | | | | |
| Insulation material/Flammability rating (according to UL 94) | I | | P | PA/V0 | | | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | | | | | |
| Stripping length | mm | 11-12 | | | | | | | |
| Color | | (please co | Grey, ontact sales fo | Red, Blue or other color | requirements) | | | | |
| Accessories | | | | | | | | | |
| Ferrule | | 1 | | | | | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | 0.5x3.5 | | | | | | | |
| Adjacent jumper (2P) | | WFA4 | | | | | | | |
| Alternate jumper (2P) | [7] | | W | FB4 | | | | | |
| Staggered jumper (2P) | | | | 1 | | | | | |
| End cover | | | D-V | VS4-SD | | | | | |
| Partition plate | | | | 1 | | | | | |
| Top marker | | I | | | | | | | |
| Side marker | A STATE OF STATE OF STATE | ZB6 | | | | | | | |
| Warning cover | IIII | | E | EEA4 | | | | | |
| Terminal strip marker support | TT | | DLM2 / KLM3 | -20x8 / KLM | 3-44x8 | | | | |
| End clamp | | | E-PC 11 | 00A / E-WS | N | | | | |





Customized

Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





WS6-SD-PE



WS6-SD

c**\$\^**Us C€ EHE ROHS REACH

C€ EHE ROHS REACH

| | Order NO. | | | 11030000315 | | | 11030000319 | | | | |
|--|--|--|---------|--|---------------|---------------------|--------------|----------|---|---------|--|
| IEC680947-7-1 | Width/Length/Height(NS35/7.5 | &NS35/15) mm | | 8/46 | .5/44.5(52) | | | 8/46 | 6.5/44.5(52) | | |
| Rated voltage V 800 600 // / / Rated current A 32 30 // / / Rated cross section mm³/AWG 0.2-6 24-10 0.2-6 24-10 Connection capacity Solid Stranded Fembe (with and without pleads steeme) Solid Stranded Fembe (with and without pleads steeme) 1 conductor mm² 0.2-6 0.2-6 0.2-6 0.2-6 0.2-6 0.2-6 0.2-6 0.2-6 0.2-6 0.2-6 0.2-6 0.2-6 0.2-6 2 flexible conductors with a TWIN ferrule mm² 0.5-2.5 0.5-2.5 General Information Insulation material/Flammability rating according to UL 1-49nmability rating according to UL | Electrical Data | | IEC | | | | | | | | |
| Rated cross section mm² / AWG 0.2-6 24-10 0.2-6 24-10 0.2-6 24-10 0.2-6 24-10 0.2-6 24-10 0.2-6 0. | Rated voltage | V | | | | | | | | | |
| Solid Stranded Femula (with and without plastic sleeve) Solid Stranded Femula (with and without plastic sleeve) | Rated current | А | | 32 | | 30 | 1 | | | | |
| 1 conductor | Rated cross section | mm²/AWG | | 0.2-6 | | 24-10 | | 0.2-6 | : | 24-10 | |
| 2 flexible conductors with a TWIN ferrule mm² — — — — — — 0,5-2,5 General Information Insulation material/Flammability rating (according to UL 94) PA/V0 PA/V0 Operation temperatures **C (*F) .40(-40)~105(221) .40(-40)~105(221) .40(-40)~105(221) .40(-40)~105(221) .50(-20)< | Connection capacity | | Solid | Solid Stranded Ferrule (with and without pla | | out plastic sleeve) | Solid | Stranded | Ferrule (with and without plastic sleeve) | | |
| Second Information | 1 conductor | mm² | 0.2-6 | 0.2-6 | 0.2-6 | 0.2-6 | 0.2-6 | 0.2-6 | 0.2-6 | 0.2-6 | |
| PA/V0 | 2 flexible conductors with a TW | /IN ferrule mm ² | _ | _ | _ | 0.5-2.5 | _ | _ | _ | 0.5-2.5 | |
| Alternate jumper (2P) Alte | General Information | | | | | | | | | | |
| Stripping length | Insulation material/Flammabi (according to UL 94) | Insulation material/Flammability rating (according to UL 94) | | | PA/V0 | | | | PA/V0 | | |
| Color Grey, Red, Blue (please contact sales for other color requirements) Green-yellow Accessories / / Ferrule / / Slotted screwdriver size (Blade thickness x Width) mm 0.8x5.5 0.8x5.5 Adjacent jumper (2P) WFA6 / Alternate jumper (2P) WFB6 / Staggered jumper (2P) / / End cover D-WS6-SD D-WS6-SD Partition plate / / Top marker / / Side marker ZB8 ZB8 | Operation temperatures | °C (°F) | | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | |
| | Stripping length | mm | | 9-10 | | | 9-10 | | | | |
| | Color | | (please | Grey, Red, Blue (please contact sales for other color requirements) | | equirements) | Green-yellow | | | | |
| Slotted screwdriver size (Blade thickness x Width) mm 0.8x5.5 0.8x5.5 Adjacent jumper (2P) WFA6 / Alternate jumper (2P) Find cover D-WS6-SD D-WS6-SD Partition plate / Top marker / Side marker ZB8 ZB8 | Accessories | | | | | | | | | | |
| Care | Ferrule | | | | 1 | | 1 | | | | |
| Alternate jumper (2P) Staggered jumper (2P) / End cover D-WS6-SD Partition plate / Top marker ZB8 ZB8 | Slotted screwdriver size (Blade thickness x Width) | mm | | (|).8x5.5 | | 0.8x5.5 | | | | |
| Staggered jumper (2P) | Adjacent jumper (2P) | | | | WFA6 | | | I | | | |
| End cover D-WS6-SD Partition plate / Top marker / Side marker ZB8 D-WS6-SD D-WS6-SD ZB8 | Alternate jumper (2P) | | | | WFB6 | | 1 | | | | |
| Partition plate / / / Top marker / / / Side marker ZB8 ZB8 | Staggered jumper (2P) | NP. | | | 1 | | | | 1 | | |
| Top marker / / / Side marker ZB8 ZB8 | End cover | | | D- | WS6-SD | | | D | -WS6-SD | | |
| Side marker ZB8 ZB8 | Partition plate | | | | | | | | | | |
| Side marker ZB8 ZB8 | Top marker | | | 1 | | | | | 1 | | |
| | Side marker | | | | | | | | ZB8 | | |
| Warning cover EEA6 EEA6 | Warning cover | JIII | | | | | | | EEA6 | | |
| Terminal strip DLM2 / KLM3-20x8 / KLM3-44x8 DLM2 / KLM3-20x8 / KLM3-44x8 | Terminal strip | | | | | -44x8 | 1 | | | -44x8 | |
| Alexander Alexan | marker support End clamp | | | E-PC 1 | 100A / E-WS N | . | | | | | |

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Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks







WS10-SD-PE

WS10-SD

| | | C€ EHE ROHS REACH | | C€ EHE ROHS REACH | | | |
|--|---|--|--|---------------------|---|--|--|
| Order NO. | | 1103 | 0000021 | 11030 | 000022 | | |
| Width/Length/Height(NS35/ | 7.5&NS35/15) mm | 10/52 | /49(56.5) | 10/52/ | 49(56.5) | | |
| Electrical Data | | IEC UL IEC60947-7-1 UL1059 | | IEC IEC60947-7-2 | UL UL1059 | | |
| Rated voltage | V | 800 600 | | 1 | 1 | | |
| Rated current | А | 57 50 | | 1 | 1 | | |
| Rated cross section | mm²/AWG | 0.2-10 24-8 | | 0.2-6 | 24-10 | | |
| Connection capacity | | Solid Stranded Ferrule (with and without plastic sleeve) | | Solid Stranded Fe | rrule (with and without plastic sleeve) | | |
| 1 conductor | mm ² | 0.2-10 0.2-10 | 0.2-10 0.2-10 | 0.2-10 0.2-10 | 0.2-10 0.2-10 | | |
| 2 flexible conductors with a | TWIN ferrule mm ² | | - 0.5-4 | | - 0.5-4 | | |
| General Information | | | | | | | |
| Insulation material/Flamma (according to UL 94) | ability rating | Р | A/V0 | PA/V0 | | | |
| Operation temperatures | °C (°F) | -40(-40 |)~105(221) | -40(-40)~105(221) | | | |
| Stripping length | mm | 1 | 3-14 | 13-14 | | | |
| Color | | | Red, Blue r other color requirements) | Green-yellow | | | |
| Accessories | | | | | | | |
| Ferrule | | | 1 | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | 0. | 8x5.5 | 0.8x5.5 | | | |
| Adjacent jumper (2P) | | W | /FA10 | | 1 | | |
| Alternate jumper (2P) | | w | /FB10 | | 1 | | |
| Staggered jumper (2P) | - 19 | | I | | 1 | | |
| End cover | | D-W | 'S10-SD | D-WS | S10-SD | | |
| Partition plate | | | 1 | | / | | |
| Top marker | कुंत्रस्तान्त्रकृत्याः स्वेत्रस्तान्त्रकृत्याः | ZB10 | | z | B10 | | |
| Side marker | | 1 | | | 1 | | |
| Warning cover | 1111 | EEA10 | | EE | EA10 | | |
| Terminal strip marker support | | DLM2 / KLM3- | -20x8 / KLM3-44x8 | DLM2 / KLM3-2 | DLM2 / KLM3-20x8 / KLM3-44x8 | | |
| End clamp | | E-PC 110 | 00A / E-WS N | E-PC 1100 |)A / E-WS N | | |
| | ~ -lil | | | | | | |

Customized

DEGSON

Spring-cage connection technology

Feed-through, multi-conductor and ground terminal blocks





WS16-SD-PE



WS16-SD

C€ EHE ROHS REACH C€ EHE ROHS REACH

| | | CE EHL ROHS KEAGH | | | | CE THE ROHS REAGH | | | | | |
|--|------------------------------|-------------------|-----------------------------|------------------------------|--------------------|-------------------|------------------|------------------------|---------------------|--|--|
| Order NO. | Order NO. | | | 11030000086 | | | | 1103000088 | | | |
| Width/Length/Height(NS35/ | 7.5&NS35/15) mm | | 12/58/5 | 52.6(60.1) | | | 12/58/52.6(60.1) | | | | |
| Electrical Data | | | IEC IEC60947-7-1 | | UL UL1059 | | IEC 0947-7-2 | UL UL1059 | | | |
| Rated voltage | V | 800 600 | | / | | | 1 | | | | |
| Rated current | А | | 76 | | 66 | | 1 | | 1 | | |
| Rated cross section | mm²/AWG | 0.2-16 24-6 | | 0 | .2-16 | 24-6 | | | | | |
| Connection capacity | | Solid | Stranded Fe | errule (with and withou | ut plastic sleeve) | Solid | Stranded F | errule (with and witho | out plastic sleeve) | | |
| 1 conductor | mm² | 0.2-16 | 0.2-16 | 0.2-16 | 0.2-10 | 0.2-16 | 0.2-16 | 0.2-16 | 0.2-10 | | |
| 2 flexible conductors with a | TWIN ferrule mm ² | _ | _ | _ | 0.5-6 | _ | _ | _ | 0.5-6 | | |
| General Information | | | | | | | | | | | |
| Insulation material/Flamma (according to UL 94) | ability rating | | P. | A/V0 | | | Р | A/V0 | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | -40(-40)~105(221) | | | | | | | |
| Stripping length | mm | 16-17 | | 16-17 | | | | | | | |
| Color | | (please c | Grey, F ontact sales for | Red, Blue rother color re | quirements) | Green-yellow | | | | | |
| Accessories | | | | | | | | | | | |
| Ferrule | | | | 1 | | I | | | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 3.0 | 3x5.5 | | 0.8x5.5 | | | | | |
| Adjacent jumper (2P) | | | WF | FA16 | | I | | | | | |
| Alternate jumper (2P) | [7] | | WF | FB16 | | | | 1 | | | |
| Staggered jumper (2P) | | | | 1 | | | | 1 | | | |
| End cover | | | D-WS | S16-SD | | | D-W | S16-SD | | | |
| Partition plate | | | I | | | 1 | | | | | |
| Top marker | 1,2,3,4,5 A,B,C,D,E | ZT12 | | ZT12 | | Ž | ZT12 | | | | |
| Side marker | | 1 | | | | / | | | | | |
| Warning cover | IIII | | EE | EA16 | | | E | EA16 | | | |
| Terminal strip marker support | TI | D | DLM2 / KLM3-2 | 20x8 / KLM3-4 | 44x8 | С | DLM2 / KLM3- | 20x8 / KLM3 | -44x8 | | |
| End clamp | | | E-PC 110 | 0A / E-WS N | | | E-PC 110 | 00A / E-WS N | | | |
| | - a ¥ | | | | | | | | | | |

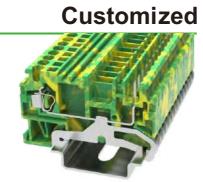
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Customized

Spring-cage connection technology

Plug-in connection and its ground terminal blocks







WS2.5P



WS2.5P-PE

SAN A CE FAI ROHS REACH

| | ¢ 91 °us ≙ C€ EHI ROHS REACH | C€ EHE ROHS REACH | | | |
|--|--|--|--|--|--|
| Order NO. | 11030000167 | 11030000185 | | | |
| Width/Length/Height(NS35/7.5&NS35/15) mm | 5/53/35.45(42.95) | 5/53/35.45(42.95) | | | |
| Electrical Data | IEC UL IEC60947-7-1 UL1059 | IEC UL IEC60947-7-2 UL1059 | | | |
| Rated voltage V | 500 300 | 1 | | | |
| Rated current A | 22 15 | 1 1 | | | |
| Rated cross section mm ² /AWG | 0.2-2.5 28-14 | 0.2-2.5 28-14 | | | |
| Connection capacity | Solid Stranded Ferrule (with and without plastic sleeve) | Solid Stranded Ferrule (with and without plastic sleeve) | | | |
| 1 conductor mm ² | 0.2-2.5 0.2-2.5 0.2-2.5 0.2-2.5 | 0.2-2.5 0.2-2.5 0.2-2.5 0.2-2.5 | | | |
| 2 flexible conductors with a TWIN ferrule mm ² | 0.5 | 0.5 | | | |
| General Information | | | | | |
| Insulation material/Flammability rating (according to UL 94) | PA/V0 | PA/V0 | | | |
| Operation temperatures $^{\circ}$ C ($^{\circ}$ F) | -40(-40)~105(221) | -40(-40)~105(221) | | | |
| Stripping length mm | 11-12 | 11-12 | | | |
| Color | Grey, Red, Blue (please contact sales for other color requirements) | Green-yellow | | | |
| Accessories | | | | | |
| Plug | 8EDGK-5.0 | 8EDGK-5.0 | | | |
| Coding star | I | I | | | |
| Ferrule | / | I | | | |
| Slotted screwdriver size (Blade thickness x Width) mm | 0.5x3.5 | 0.5x3.5 | | | |
| Adjacent jumper (2P) | WFA2.5 | 1 | | | |
| Alternate jumper (2P) | WFB2.5 | 1 | | | |
| Staggered jumper (2P) | WFC2.5-2 WFC2.5-3 WFC2.5-4 WFC2.5-5 WFC2.5-6 WFC2.5-7 WFC2.5-8 | 1 | | | |
| End cover | D-WS2.5P | D-WS2.5P | | | |
| Partition plate | 1 | 1 | | | |
| Top marker Systems Local December Control of the second of the secon | ZB4 / WB5 | ZB4 / WB5 | | | |
| Side marker | DEK5 | DEK5 | | | |
| Warning cover | EEA2.5 | EEA2.5 | | | |
| Terminal strip marker support | DLM2 / KLM3-20x8 / KLM3-44x8 | DLM2 / KLM3-20x8 / KLM3-44x8 | | | |
| End clamp | E-PC 1100A / E-WS N | E-PC 1100A / E-WS N | | | |

Customized

Screw connection technology

Feed-through terminal blocks





PC10-105A(H)

C€ EHE ROHS REACH

| | | | CE HI KO | IH2 KEAGH | | | |
|--|----------------|--------------------------|---|-----------------|------------------------|-------------------|--|
| Order NO. | | | | 11010 | 800000 | | |
| Width/Length/Height(NS35/7.5 | &NS35/15) | mm | 10.2/48/48.5(56) | | | | |
| Electrical Data | | | | IEC 0947-7-1 | | UL 1059 | |
| Rated voltage | | V | 1 | 000 | 6 | 600 | |
| Rated current | | Α | | 57 | | 65 | |
| Rated cross section mm ² /AWG | | 0. | .5-10 | 2 | 0-6 | | |
| Connection capacity | | | Solid | Stranded Fe | rrule (with and withou | t plastic sleeve) | |
| 1 conductor | | mm ² | 0.2-10 | 0.2-10 | 0.2-10 | 0.2-10 | |
| 2 flexible conductors with a TW | N ferrule | mm ² | _ | _ | _ | 0.5-6 | |
| General Information | | | | | | | |
| Insulation material/Flammabil (according to UL 94) | ity rating | | | PA | /V0 | | |
| Operation temperatures | °C (| (°F) | -40(-40)~105(221) | | | | |
| Stripping length | | mm | 9-10 | | | | |
| Color | | | Grey, Red, Blue (please contact sales for other color requirements) | | | | |
| Screw/Rated torque | -/N.m(lb.in)(k | gf.cm) | | M4/1.2(10 | 0.5)(12.24) | | |
| Accessories | | | | | | | |
| Ferrule | | | | | 1 | | |
| Slotted screwdriver size (Blade thickness x Width) | | mm | | 1 | x4 | | |
| Fixed bridge(10P) | îïï | iiiii | | FBRI | 10-10 | | |
| Insertion bridge (2-10P) | m | וווווו | | EB2-10 EB3 | -10 EB10-10 | | |
| End cover | 1 | | | D-PC10 | -105A(H) | | |
| Separating disk | | | TS-K | | | | |
| Partition plate | | R | ATP-PC | | | | |
| Marker | | toologije retricklije | | ZE | 310 | | |
| Marker support | | | | | 1 | | |
| Terminal strip marker support | | T | D | DLM2 / KLM3-2 | 20x8 / KLM3- | 44x8 | |
| End clamp | dim d | | | E-PC 1100 | DA / E-WS N | | |

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Screw connection technology

Feed-through terminal blocks





PC16-105A(H)

C III DOUG DEADU

| | | C€ EHE Ro | OHS REACH | | | | |
|--|------------------------|---|--------------|------------------------|--------------------|--|--|
| Order NO. | | 11010000167 | | | | | |
| Width/Length/Height(NS35/7.5&NS | 35/15) mm | 12.2/48.5/55.3(62.8) | | | | | |
| Electrical Data | Electrical Data | | | | UL 1059 | | |
| Rated voltage | V | | 0947-7-1 | - | 600 | | |
| Rated current | А | | 76 | | 85 | | |
| Rated cross section | mm²/AWG | 1 | 1-16 | 1 | 6-4 | | |
| Connection capacity | | Solid | Stranded Fe | rrule (with and withou | ıt plastic sleeve) | | |
| 1 conductor | mm² | 0.2-16 | 0.2-16 | 0.2-16 | 0.2-16 | | |
| 2 flexible conductors with a TWIN fe | rrule mm ² | _ | _ | _ | 0.5-6 | | |
| General Information | | | | | | | |
| Insulation material/Flammability rate (according to UL 94) | ating | | PA | ./V0 | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 13-14 | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements) | | | quirements) | | |
| Screw/Rated torque -/N. | m(lb.in)(kgf.cm) | M5/3(27)(30) | | | | | |
| Accessories | | | | | | | |
| Ferrule | | | | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | | 1 | x4 | | | |
| Fixed bridge(10P) | MITTITT | | FBRI | 10-12 | | | |
| Insertion bridge(2-10P) | MARTINA | | EB1 | 0-12 | | | |
| End cover | | | D-PC16 | -105A(H) | | | |
| Separating disk | 1000 | | TS | S-K | | | |
| Partition plate | 2 | | ATF | P-PC | | | |
| Marker | 1,2,3,4,6 A,B,C,D,E | | Z | Γ12 | | | |
| Marker support | | | | / | | | |
| Terminal strip marker support | | D | LM2 / KLM3-2 | 0x8 / KLM3- | 14x8 | | |
| End clamp | | | E-PC 110 | 0A / E-WS N | | | |



Customized

Screw connection technology

Feed-through terminal blocks





| | | C€ EMI Rol | HS REACH | | | | |
|---|-----------------------------|---|---------------|------------------------|--------------------|--|--|
| Order NO. | | 1101000064 | | | | | |
| Width/Length/Height(NS35/7.5 | &NS35/15) mm | 16.2/60/66.25(73.75) | | | | | |
| Electrical Data | | | EC 947-7-1 | | UL .1059 | | |
| Rated voltage | V | 10 | 000 | (| 300 | | |
| Rated current | А | 1 | 25 | | 150 | | |
| Rated cross section | mm²/AWG | 0.6 | 5-35 | 14 | 4-1/0 | | |
| Connection capacity | | Solid | Stranded Fe | rrule (with and withou | ut plastic sleeve) | | |
| 1 conductor | mm ² | 0.2-35 | 0.2-35 | 0.2-35 | 0.2-35 | | |
| 2 flexible conductors with a TV | /IN ferrule mm ² | _ | _ | _ | 0.75-10 | | |
| General Information | | | | | | | |
| Insulation material/Flammab (according to UL 94) | ility rating | PA/V0 | | | | | |
| Operation temperatures | °C (°F) | -40(-40)~105(221) | | | | | |
| Stripping length | mm | 15-16 | | | | | |
| Color | | Grey, Red, Blue (please contact sales for other color requirements | | | equirements) | | |
| Screw/Rated torque | -/N.m(lb.in)(kgf.cm) | M6/3.5(31)(35.7) | | | | | |
| Accessories | | | | | | | |
| Ferrule | | | | 1 | | | |
| Slotted screwdriver size (Blade thickness x Width) | mm | 1x6. 5 | | | | | |
| Fixed bridge(10P) | ŤŤ | | FBRI | 12-16 | | | |
| Insertion bridge (2-10P) | | I | | | | | |
| End cover | | | | I | | | |
| Separating disk | | TS-K | | | | | |
| Partition plate | | I | | | | | |
| Marker | 1,2,3,4,6 A,B,C,D,E | ZT12 | | | | | |
| Marker support | | | | 1 | | | |
| Terminal strip marker support | | DI | LM2 / KLM3-2 | 20x8 / KLM3- | -44x8 | | |
| End clamp | | | E-PC 110 | DA / E-WS N | | | |

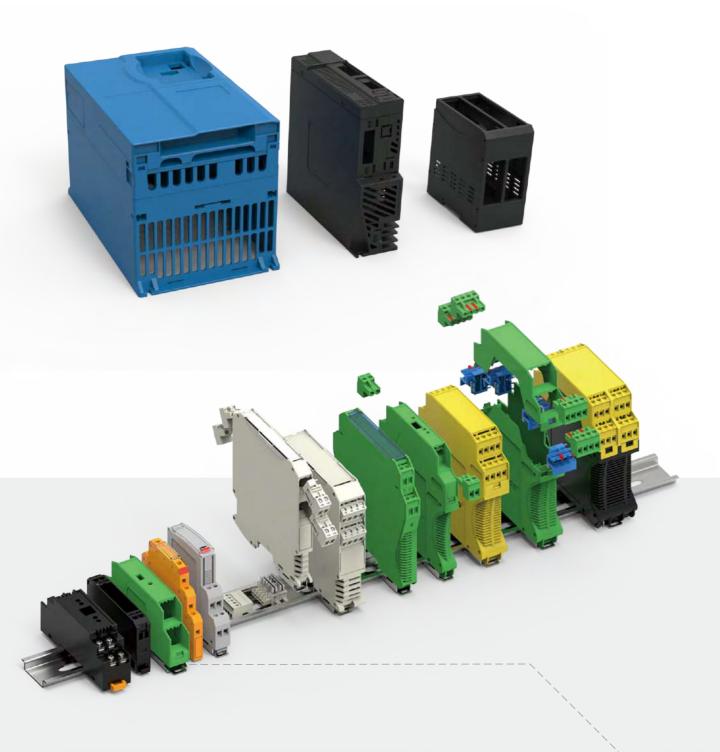
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Customized

Customized Housing Solutions

Feature

- Customized enclosures, variety connection method
- Customized personalized products according to customer needs
- One-stop value-added service





Customized Capabilities

- The professional team will provide all-round support from development, production, quality assurance to implementation.
- Early participation of suppliers, covering raw material selection, design for manufacturability (DFM), design of experiments (DOE), mold flow analysis, product prototyping, etc., shortening project time and reducing customer costs.
- High level and vertical integration, response to customer requirements quickly with it's own mold workshop and processing, manufacturing equipments.
- Whole-process integrated value-added services, providing supporting services such as printing, painting, hot-melting, assembly, etc.
- Approved by ISO9001:2015, ISO14001:2015, has a complete quality control system and measurement system.

Integrated Services

Provide high quality, safe and reliable connection solutions for global clients.





Marketing Service

Product Design、Mould Design





Test

Stamping Mould Development

Plastic Mould Development Automation Equipment



Assembly

R&D

With more than 30 years' experience in terminal blocks and die-making, DEGSON has a team of experienced engineers. Our R&D department is equipped with advanced computer integrated manufacturing system (CIMS), which combines design, manufacturing and analysis into one system. We take part in international technical communication and cooperation activities frequently, and provide customers with complete technical solution on products development and manufacture. Our R&D team has a lot of experience with the manufacture of thousands of precise moulds; meanwhile, we are keeping on making innovations, challenging the diversified high precision parts manufacture and trying to create advanced precision mould. Customized product design and 3D printing samples are available.







Technical discussion



China, European Invention Patent Certificate



Chinese Utility Model Patent Certificate

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Tooling Making

TOOLING-MAKING TECHNOLOGY AND ENGINEERING CAPABILITIES

Strong die-making ability, modular mould design, we can quickly finish the die-making and provide samples to our customers. DEGSON are well-equipped with advanced Japanese Sodick slow-feeding wire-cut machines, Japanese Mitsubishi EDM, grinding and milling machines etc., Nearly 100 sets of top machines for die-making .We have experienced engineers for tooling design, tooling assembly, tooling debugging. We produce more than 800 sets of all kinds of precision tooling per year.





Sodick low speed wire cutting machines(11 sets)

Medium speed wire cutting machines(11 sets)





Mitsubishi EDM machines(14 sets)

CNC machining centers(8 sets)



Tooling Quality Control

MOULD QUALITY CONTROL

We have more than a dozen set of precision testing equipments such as 3D measuring instrument, high-precision projector, high-precision height gauge. We have strict control of each process starting from material choosing, die processing, thermal treatment, machining to die assembly and die trial. Every tooling part has been strictly inspected before assembling.





High-precision milling machines (9 sets)

High precision surface grinding machines (30 sets)







High-precision projector (12 sets)

ıstomize

Precise Stamping

STAMPING&PUNCHING CAPACITY

Our company has 40 sets of high speed stamping & punching machines , with processing capacity ranging from 10 to 110 tons. We use progressive die which allows all operations to be performed in one single die, high efficience and $precision. \ We \ can \ stamp \ various \ materials \ including, \ brass, \ phosphor \ bronze, \ beryllium \ copper, \ Alpaka \ , \ stainless$ steel and so on.



Turning machies

Automatic (spring) forming machines





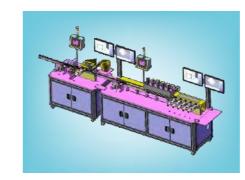
Precise plastic injection machines

Precise high speed stamping machines

DEGSON

Automatic Manufacturing, Production

45 engineers responsible for automatic equipments hardware and software, fully independent automation equipments development.







Equipments R&D

Hardware

Software



Automatic assembly accounts for $80\%\,$ of our production, with nearly $300\,$ sets equipments to improve product consistency, automatic inspection and fast delivery.





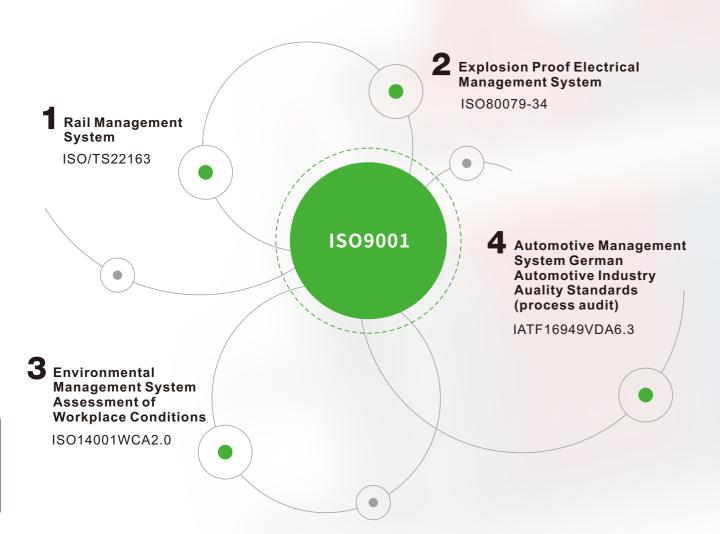


Manual assembly lines to meet customer diversified customized requirements.

EV Charger automatic assembly lines.

Quality Core Factors

The quality core factors coming frm different industries and fields are important standards and specifications for product and process control



Certification Bodies And Safety Signs

Product certification is an internationally accepted product quality assurance model, and it is an inevitable choice to be in line with international standards to improve product credibility.



CE Declaration of Conformity

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Certification For Special Fields

DIN-rail terminal blocks have passed tests that require more than basic standards and are therefore suitable for use in a variety of industries, including electricity, rail, process control, chemical, petrochemical, and shipbuilding

Electricity

Consistent confirmation by a nationally recognized professional laboratory for electricity feild



Rail Transit

ISO/TS22163 quality system requires that product performance conforms to IEC61373, IEC60068-2-27 antivibration shock requirement, EN45545-2, R22, R23 requirements, and VOC environmental requirements



Petroleum & Chemical

ISO80079-34 Explosion Proof Electrical Management System requires products must meet the certification requirements of IECEX, ATEX, 3C



IECEX,ATEX and 3C: Globally Applicable Explosion Proof Standards

DEGSON

DEGSON's terminal blocks have obtained the IECEx and ATEX certificates issued by the EU-authorized test center (TI, CQM) based on the IEC/EN60079-7 standard, which can meet the requirements of increased safety Ex eb or Ex ec protection requirements, suitable for installation in the wiring space of explosion-proof zone 2, especially explosion-proof zone 1

Increased safety (Ex eb) terminal blocks can be divided into the following categories

- Push-in DS Series Din Tail Terminal Blocks
- Screw PC/DC Series Din Tail Terminal Blocks
- Spring cage WS Series Din Tail Terminal Blocks
- Mini spring cage WS Series Din Tail Terminal Blocks

Increased safety (Ex ec) type terminals, suitable for explosionproof zone 2, can be divided into the following categories

- Push-in DS Series Din Tail Terminal Blocks
- Screw PC/DC Series Din Tail Terminal Blocks
- Fuse din rial terminal blocks
- Test disconnect din rial terminal blocks

The above technical parameters in accordance with IEC/EN 60079

| Marking according to ATEX Directive 2014/34/EU | | | | | |
|--|---------|--|--|--|--|
| Manufacturer or trademark | DEGSON | | | | |
| Certification body number | NB1354 | | | | |
| Device group | II | | | | |
| Device category | 2 | | | | |
| Operating environment (°C) | -55~110 | | | | |
| Gas | G | | | | |

Labeled according to IEC/EN 60079-0 and

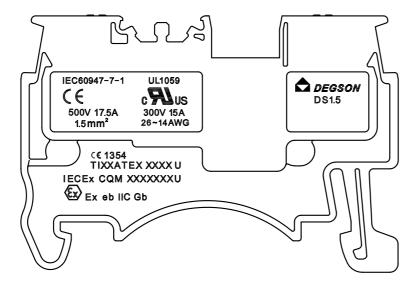
| IEC/EN 60079-7 for | safety improvement |
|------------------------------|---------------------|
| Manufacturer or trademark | DEGSON |
| Model description | DS,PC,WS,DC |
| Explosion Proof Abbreviation | Ex |
| Type of protection | eb , ec |
| Device group | II |
| Device Protection Level | Gb |
| Certification Body ID | CQM |
| ATEX certification number | Issued in July 2022 |
| IECEx certification number | Issued in July 2022 |



IECEX, ATEX and 3C: Globally Applicable Explosion Protection Standards

Din Rail Terminal Blocks Type Test Perform the following tests

- Type testing according to IEC 60947-7-1/-2
- Clearance and creepage test and insulation test
- Aging test
- 1) Store at 95°C and 95% humidity for 14 days (336H)
- 2) A further 14 days (336H) test is carried out under the condition that the dry heat condition reaches the TI value of the insulating material
- 3) Store at -65°C for 24 hours followed by wire pull test
- Temperature-rise test
 - At 1.1 times the rated current, the temperature rise does not exceed 40K. These terminal blocks are fully tested in accordance with IEC/EN 60079 during factory processing, including insulation test



Terminal blocks components etc for use in explosion-proof areas must be marked as shown picture





Certificate indicates that the test was performed by the relevant accreditation body

IEC60947-7-1/-2 **Wiring Capacity**

The design of the wire terminal must ensure that the wire of the rated crosssection can be reliably connected within the range of the rated wiring capacity. Available in Metric (mm²) or American

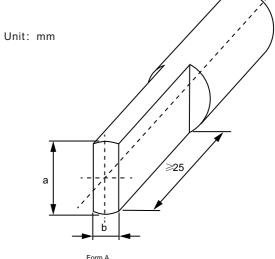
Rated cross-sectional area = maximum cross-sectional area value of various connectable conductors (flexible, singlestrand, and multi-strand), based on which specific thermal, mechanical, and electrical requirements are based

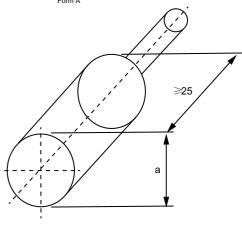
Definition of rated wiring capacity: maximum and minimum cross-sectional area (at least two grades difference) and the number of connectable wires, rail terminals are designed according to this wiring capacity

During the test, din rail terminal blocks connects conductors of rated crosssection within the rated wiring capacity. Alternatively, the nominal cross section can also be verified with a plug gauge (see attached drawing)

Wires and plug gauges must be capable of unrestricted insertion or access to the terminal

The rated cross section of DEGSON din rail terminals far exceeds the standard requirements. All series can be connected to conductors of rated cross section with ferrules and insulating sleeves due to rational design





Type A and Type B plug gauges according to IEC 60947-1

Form B

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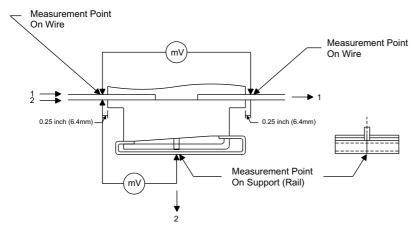
Test Standard

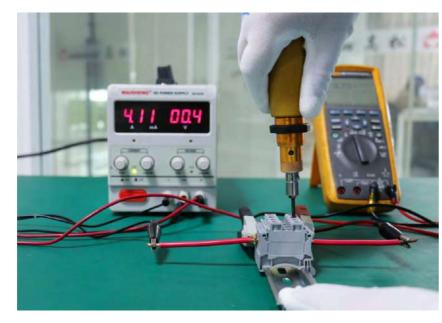
IEC60947-7-1/-2 Mechanical Strength

Din Rail Terminal Torque Test

- Testing purposes: Verify screw connection product can withstand mechanical strength when it is locked
- Testing method:
- 1) Spring structure: Rigid conductors of rated cross-section are inserted 5 times into the two connection points of the five terminals and removed from them
- 2) Screw structure: Tighten the connection point to the torque specified by the manufacturer and then test 5 times
- Judgement standard: The connection points must be able to withstand repeated disconnections without appreciable damage. The voltage drop before and after the test shall not exceed 3.2mV, and the voltage after the test shall not exceed 1.5 times the value measured before the test
- Quality requirements: DEGSON terminal blocks can be dismantled many times, and the connection quality is not affected in any way. Depending on the connection technology, the number of connections and disconnections can be used repeatedly.

Voltage Drop Measurement Points





Din Rail Terminal Torque Test

IEC60947-7-1/-2 Mechanical Strength

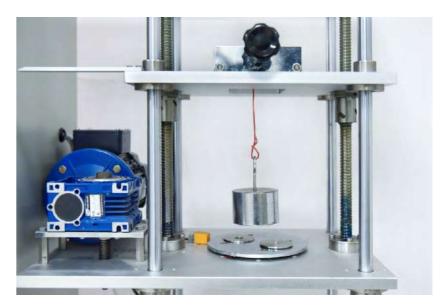
DEGSON

Din Rail Terminal Blocks Rotational Pull Test

- Testing purposes:
 Check the firmness of the connecting wire of the terminal block
- Testing method: Conduct this test on rigid or flexible conductors of minimum, rated, and maximum cross-section. Connect the conductors to vertically fixed terminal blocks. Suspend a test weight at the end of the conductor, the weight of which corresponds to the conductor's cross-section .The wire passes through the opening 37.5mm away from the central axis of the turntable, 135 revolutions around the axis. After this is completed, perform a 1-minute wirepull reinforcement test on the connection point
- Judgement standard:
 Do not fall off from the wiring hole,
 the sample is not damaged
- Quality requirements: DEGSON terminal blocks ensures that the conductors are protected in the crimping area, and neither the conductors nor the connection points will be damaged. The quality remains the same even after multiple crimping



Din Rail Terminal Blocks Rotational Pull Test



Din Rail Terminal Blocks Static Pull Test

| | | | V | Vire | pull- | out fo | orce | com | plies | with | UL48 | 6E/II | EC 60 | 999/ | EN 6 | 0999 | | | | | |
|------------------------|------|------|------|------|-------|--------|-------|------|-------|------|------|-------|-------|------|------|------|------|------|------|------|------|
| Wire diameter (AWG) | 30 | 28 | 26 | 24 | 22 | 20 | 18 | - | 16 | 14 | 12 | 10 | 8 | 6 | 4 | 3 | 2 | 1 | 1/0 | 2/0 | 3/0 |
| Area (mm²) | 0.05 | 0.08 | 0.13 | 0.2 | 0.32 | 0.52 | 0.82 | - | 1.3 | 2.1 | 3.3 | 5.3 | 8.4 | 13.3 | 21.2 | 26.7 | 33.6 | 42.4 | 53.5 | 67.4 | 85 |
| Diameter (mm) | 0.25 | 0.32 | 0.41 | 0.5 | 0.64 | 0.81 | 1. 02 | - | 1.29 | 1.63 | 2.05 | 2.3 | 3.27 | 4.12 | 5.2 | 5.83 | 6.54 | 7.37 | 8.26 | 9.27 | 10.4 |
| Pull force (N) | 2.2 | 4.5 | 8.9 | 13 | 20 | 30 | 30 | - | 40 | 50 | 60 | 80 | 90 | 94 | 133 | 156 | 186 | 235 | 285 | 285 | 351 |
| Wire diameter (mm²) | - | - | - | 0.2 | - | 0.5 | 0.75 | 1 | 1.5 | 2.5 | 4 | 6 | 10 | 16 | 25 | - | 35 | - | 50 | 70 | 95 |
| Diameter (mm) | - | - | - | 0.5 | - | 0.8 | 0.98 | 1.13 | 1.38 | 1.78 | 2.26 | 2.76 | 3.57 | 4.51 | 5.64 | - | 6.68 | - | 7.89 | 9.44 | 11 |
| Pull force (N) | - | - | - | 10 | _ | 30 | 30 | 35 | 40 | 50 | 60 | 80 | 90 | 100 | 135 | - | 190 | - | 236 | 285 | 351 |

esting Standard

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IEC60947-7-1/-2 **Mechanical Strength**

Test of din rail terminal blocks mounted on brackets

Testing purposes:

Verify that the terminal blocks can withstand a certain amount of force to prevent it from loosening from the bracket. Damage is also not allowed during test

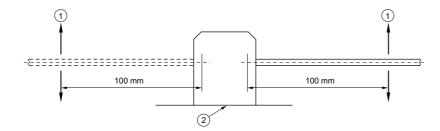
Testing method:

Mount the terminal blocks on suitable brackets specified by the manufacturer. Clamp the 150mm long steel rod on the connection point, apply a certain tension and pressure (related to the cross section) on the connection position and the fixed position of the terminal, the length of the force arm is 100mm

Judgement standard:

During the test, the product must not loose from the mounting rail or bracket, and must not have any other damage

same even after multiple crimping



1 —Force:

2 —Rail or support

| Quality requirements: |
|--|
| DEGSON terminal blocks ensures |
| that the conductors are protected in |
| the crimping area, and neither the |
| conductors nor the terminals will be $ \\$ |
| damaged. The quality remains the |

| Wire (mm²) diameter | 0.2 | 0.5 | 0.75 | 1 | 1.5 | 2.5 | 4 | 6 | 10 | 16 | 25 | 35 | 50 | 70 | 95 | 120 | 150 | 185 | 240 | 300 |
|------------------------------|-----|-----|------|---|-----|-----|----|---------|----|----|----|----|-----|-----|-----|------|-----|-----|-----|-----|
| Wire diameter (AWG/kcmil) | 24 | 20 | 18 | - | 16 | 14 | 12 | 10 | 8 | 6 | 4 | 2 | 1/0 | 2/0 | 3/0 | 250 | 300 | 350 | 500 | 600 |
| Force (N) | | | | 1 | | | | | 5 | | | 1 | 0 | | | 15 | 5 | | 2 | 20 |
| Diameter (mm) | 1 | | | | | | | 2.8 5.7 | | | | | | | 12 | 20.5 | | | | |
| | | | | | | | | | | | | | | | | | | | | |

IEC60947-7-1, **UL1059** Air Clearances And **Creepage Distances**

Din rail terminal blocks clearance and creepage distance test

Testing purposes:

DEGSON

The distance of clearance and creepage must ensure efficient and durable electrical insulation

- ApplicationPollution degree
- Material Group

Test method:

- 1) Clearance: the shortest straightline distance between two conductors in the air. The size of the electrical clearance must be based on the maximum possible impulse withstand voltage (see figure)
- 2) Creepage: the shortest distance between the two conductors on the surface of the insulator. The rated voltage, pollution degree and insulating material of the terminals have important influence on determining the minimum creepage distance (see figure)
- Judgement standard: Meet the standard range values determined by IEC60947 and UL1059
- Quality requirements: DEGSON terminal blocks are all in accordance with the requirements of IEC overvoltage class III and pollution degree 3; UL1059 terminals are usually designed according to the rated voltage in group B

| | Application | Potential involved in volts | live parts of uninsulated | acings in inches opposite polarit live part and a g rface or expose | y; and between rounded part in | an |
|----|--|-----------------------------------|------------------------------|--|-----------------------------------|--------------------|
| | | | Throu | gh air | Overs | urface |
| Α. | Service - including dead-front | 51-150 | 1/2 | (12.7) | 3/4 | (19.1) |
| | switchboards, panelboards, service | 151-300 | 3/4 | (19.1) | 1-1/4 | (31.8) |
| | equipment, and the like | 301-600 | 1 | (25.4) | 2 | (50.8) |
| В. | Commercial appliances, including | 51-150 | 1/16 a | (1.6) ^a | 1/16 ^a | $(1.6)^{a}$ |
| ٠. | business equipment, electronic data | 151-300 | 3/32 a | (2.4) ^a | 3/32 a | $(2.4)^{a}$ |
| | processing equipment, and the like | 301-600 | 3/8 | (9.5) | 1/2 | (12.7) |
| C. | Industrial, general | 51-150 | 1/8 ^a | (3.2) ^a | 1/4 | (6.4) |
| | | 151-300 | 1/4 | (6.4) | 3/8 | (9.5) |
| D. | Industrial, devices having limited | 301-600 | 3/8 | (9.5) | 1/2 | (12.7) |
| | ratings | 51-300 | 1/16 ^a | (1.6) ^a | 1/8 ^a | (3.2) ^a |
| | | 301-600 | 3/16 ^a | (4.8) ^a | 3/8 | (9.5) |
| Ε. | Terminal blocks rated 601-1500 V | 601-1000 | 0.55 | (14.0) | 0.85 | (21.6) |
| | | 1001-1500 | 0.70 | (17.8) | 1.20 | (30.5) |
| F. | Industrial, devices using the alternative approach to spacings | 51-1500 | As | Determined By | Evaluation | |

 $NOTES-\\1) A slot, groove, or similar spacing, 0.013 inch (0.33 mm) wide or less in the contour of insulating material is to be$

oisregarded.
2) An air space of 0.013 inch (0.33mm) or less between a live part and an insulating surface is to be disregarded for the purpose of measuring over surface spacings.

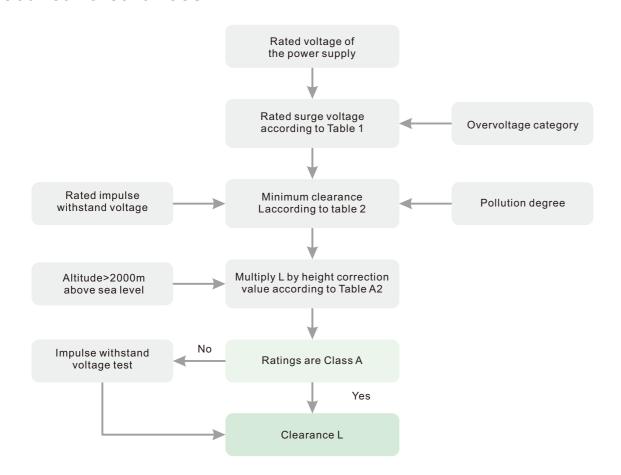
a The spacing between field wiring terminals of opposite polarity and the spacing between a field wiring terminal and

a grounded dead metal part shall not be less than 1/4 inch (6.4mm) if short-circuiting or grounding of such terminals may result from projecting strands of wire. Examples of means that prevent stray wire strand contact include rating the terminal block for solid wire only, and design features such as recessed terminal pockets.



Festing Standard

IEC60664-1 **Methods of Determining Electrical Clearances**



| | Rate | ed surge voltage v | alue of equipment directly power | ed by low | -voltage | grid | | | | | |
|--------------------------|---|--------------------|---|--|----------|------|-------|--|--|--|--|
| Nominal vo (mains) as | Nominal voltage of the power supply system (mains) as per IEC 60038 Shree Three phase [V] | | Conductor-neutral conductor voltage derived from the total nominal AC voltage or nominal DC voltage | Rated surge voltage [®] [V] Overvoltage category [®] | | | | | | | |
| Three pl | | | [V] | I | II | III | IV | | | | |
| | | | 50 | 330 | 500 | 800 | 1500 | | | | |
| | | | 100 | 500 | 800 | 1500 | 2500 | | | | |
| | 120 to 24 | | 150 | 800 | 1500 | 2500 | 4000 | | | | |
| 230/400 277/480 | | | 300 | 1500 | 2500 | 4000 | 6000 | | | | |
| 400 | 400/690 | | 600 | 2500 | 4000 | 6000 | 8000 | | | | |
| 10 | 000 | | 1000 | 4000 | 6000 | 8000 | 12000 | | | | |

- ① For the application of the existing offset low voltage grid and its rated voltage, please refer to
- ② Equipment with this rated surge voltage value according to IEC60364-4-443 can be used in the system
- ③ A slash (/) indicates a three-phase four-conductor system. The lower value represents the voltage between conductor and neutral, while the upper value represents the voltage between conductor and conductor. If only one value is specified, it represents the conductor-to-conductor voltage of a three-phase three-conductor system
- ④ For a description of overvoltage categories, please refer to the Electrical Insulation Characteristics chapter



Test Standard

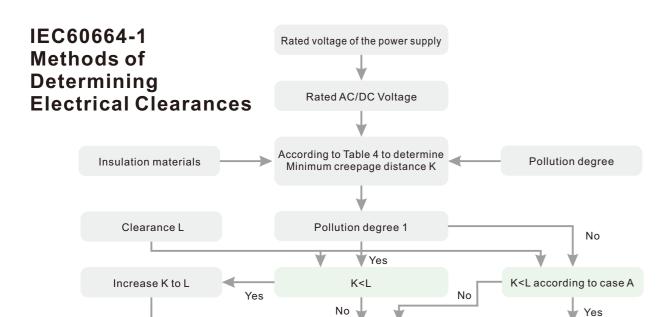
IEC60664-1 **Methods of Determining Electrical Clearances**

| | Altitude correction value | • |
|--------------|---------------------------|----------------------|
| Altitude [m] | Normal air pressure [kPa] | Gap correction facto |
| 2000 | 80.0 | 1.00 |
| 3000 | 70.0 | 1.14 |
| 4000 | 62.0 | 1.29 |
| 5000 | 54.0 | 1.48 |
| 6000 | 47.0 | 1.70 |
| 7000 | 41.0 | 1.95 |
| 8000 | 35.5 | 2.25 |
| 9000 | 30.5 | 2.62 |
| 10000 | 26.5 | 3.02 |
| 15000 | 12.0 | 6.67 |
| 20000 | 5.5 | 14.50 |

| | | Minimum ele | ctrical clearar | ice | | |
|-------------------------|-------------|-------------------------------|-----------------|-----------|-------------------------------|-------------|
| Rated impulse | Case A Non- | uniform electric field (ı | refer to 3.15) | Case B U | Iniform electric field (ref | er to 3.14) |
| withstand voltage value | | Pollution degree [®] | | | Pollution degree [®] | |
| [KV] | 1 [mm] | 2 [mm] | 3 [mm] | 1 [mm] | 2 [mm] | 3 [mm] |
| 0.33 ^② | 0.01 | | | 0.01 | | |
| 0.40 | 0.02 | | | 0.02 | | |
| 0.5@ | 0.04 | 0.2 | | 0.04 | | |
| 0.60 | 0.06 | 0.2 | 0.8 | 0.06 | ③④ 0.2 | |
| 0.80 ^② | 0.10 | | 0.8 | 0.10 | | 0.8 |
| 1.0 | 0.15 | | | 0.15 | | |
| 1.2 | 0.25 | 0.25 | | 0.2 | | |
| 1.5 [©] | 0.5 | 0.5 | | 0.3 | 0.3 | |
| 2.0 | 1.0 | 1.0 | 1.0 | 0.45 | 0.45 | |
| 2.5 ^② | 1.5 | 1.5 | 1.5 | 0.6 | 0.6 | |
| 3.0 | 2.0 | 2.0 | 2.0 | 0.8 | 0.8 | |
| 4.0 ^② | 3 | 3 | 3 | 1.2 | 1.2 | 1.2 |
| 5.0 | 4 | 4 | 4 | 1.5 | 1.5 | 1.5 |
| 6.0 [©] | 5.5 | 5.5 | 5.5 | 2 | 2 | 2 |
| 8.0 [©] | 8 | 8 | 8 | 3 | 3 | 3 |
| 10 | 11 | 11 | 11 | 3.5 | 3.5 | 3.5 |
| 12 ^② | 14 | 14 | 14 | 4.5 | 4.5 | 4.5 |
| 15 | 18 | 18 | 18 | 5.5 | 5.5 | 5.5 |
| 20 | 25 | 25 | 25 | 8 | 8 | 8 |
| 25 | 33 | 33 | 33 | 10 | 10 | 10 |
| 30 | 40 | 40 | 40 | 12.5 | 12.5 | 12.5 |
| 40 | 60 | 60 | 60 | 17 | 17 | 17 |
| 50 | 75 | 75 | 75 | 22 | 22 | 22 |
| 60 | 90 | 90 | 90 | 27 | 27 | 27 |
| 80 | 130 | 130 | 130 | 35 | 35 | 35 |

- The impulse withstand voltage:
 For functional insulation, the maximum surge voltage of the clearance
 For basic insulation, the rated surge voltage value of equipment affected by direct or substantial transient overvoltages from the low-voltage grid
 For different basic insulation, the highest possible surge voltage in the
- 2 Priority value
- of the values specified in Table 4 are allowed
- 4 The minimum clearances for pollution degrees 2 and 3 are based on the corresponding creepage distances. This resistance decreases due to humidity
- (5) These values can be adjusted appropriately for components or circuits inside the equipment that are affected by surge voltages
- $\ensuremath{\mathfrak{G}}$ The value corresponding to pollution degree 4 is equal to the value corresponding to pollution degree 3, except that the minimum electrical $% \left(1\right) =\left(1\right) \left(1\right) \left($ clearance is 1.6mm

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| | | | Minin | num creepa | ge distance | e | | | | | | |
|---------|---------------------------------------|--|----------|-------------|-------------|------------|-------------|-------------|-----------|-------------|------------------|-----|
| | F | СВ | | | g | - | | | | | | |
| Voltage | Pollutio | on degree | | | | Po | llution deg | ree | | | | |
| RMS ① | 1 | 2 | | 1 | | | 2 | | | 3 | | |
| | All Insulation Material Categories | All insulating material classes except class III b | Insulati | on material | category | Insulation | n material | category | Insulatio | on material | | |
| [V] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | II [mm] | III [mm] | [mm] | II [mm] | III [®] | |
| 10 | 0.025 | 0.04 | | 0.08 | | 0.4 | 0.4 | 0.4 | 1.00 | 1.00 | 1.00 | |
| 12.5 | 0.025 | 0.04 | | 0.09 | | 0.42 | 0.42 | 0.42 | 1.05 | 1.05 | 1.05 | |
| 16 | 0.025 | 0.04 | | 0.10 | | 0.45 | 0.45 | 0.45 | 1.10 | 1.10 | 1.10 | |
| 20 | 0.025 | 0.04 | | 0.110 | | 0.48 | 0.48 | 0.48 | 1.20 | 1.20 | 1.20 | |
| 25 | 0.025 | 0.04 | | 0.125 | | 0.5 | 0.5 | 0.5 | 1.25 | 1.25 | 1.25 | |
| 32 | 0.025 | 0.04 | | 0.140 | | 0.53 | 0.53 | 0.53 | 1.30 | 1.30 | 1.30 | |
| 40 | 0.025 | 0.04 | | 0.16 | | 0.56 | 0.8 | 1.1 | 1.4 | 1.6 | 1.8 | |
| 50 | 0.025 | 0.04 | | 0.18 | | 0.6 | 0.85 | 1.2 | 1.5 | 1.7 | 1.9 | |
| 63 | 0.040 | 0.63 | | 0.20 | | 0.63 | 0.9 | 1.25 | 1.6 | 1.8 | 2.0 | |
| 80 | 0.063 | 0.10 | | 0.22 | | 0.67 | 0.95 | 1.3 | 1.7 | 1.9 | 2.1 | |
| 100 | 0.10 | 0.16 | | 0.25 | | 0.71 | 1.0 | 1.4 | 1.8 | 2.0 | 2.2 | |
| 125 | 0.16 | 0.25 | | 0.28 | | 0.75 | 1.05 | 1.5 | 1.9 | 2.1 | 2.4 | |
| 160 | 0.25 | 0.4 | | | 0.32 | | 8.0 | 1.1 | 1.6 | 2.0 | 2.2 | 2.5 |
| 200 | 0.40 | 0.63 | | 0.42 | | 1.0 | 1.4 | 2.0 | 2.5 | 2.8 | 3.2 | |
| 250 | 0.56 | 1.0 | | 0.56 | | 1.25 | 1.8 | 2.5 | 3.2 | 3.6 | 4.0 | |
| 320 | 0.75 | 1.6 | | 0.75 | | 1.6 | | 3.2 | 4.0 | 4.5 | 5.0 | |
| 400 | 1.0 | 2.0 | | 1.00 | | 2.0 | | 4.0 | 5.0 | 5.6 | 6.3 | |
| 500 | 1.3 | 2.5 | | 1.30 | | 2.5 | 3.6 | 5.0 | 6.3 | 7.1 | 8.0 | |
| 630 | 1.8 | 3.2 | | 1.80 | | 3.2 | 4.5 | 6.3 | 8.0 | 9 | 10.0 | |
| 800 | 2.4 | 4.0 | | 2.40 | | 4.0 | 5.6 | 8.0 | 10.0 | 11 | 12.5 | |
| 1000 | 3.2 | 5.0 | | 3.20 | | 5.0 | 7.1 | 10 | 12.5 | 14 | 16.0 | |
| 1250 | | | | 4.20 | | 6.3 | 9 | 12.5 | 16 | 18 | 20 | |
| 1600 | | | | 5.60 | | 8 | 11 | 16 | 20 | 22 | 25 | |
| 2000 | | | | 7.50 | | 10 | 14 | 20 | 25 | 28 | 32 | |
| 2500 | | | | 10 | | 12.5 | 18 | 25 | 32 | 36 | 40 | |
| 3200 | | | | 12.5 | | 16 | 22 | 32 | 40 | 45 | 50 | |
| 4000 | | | | 16 | | 20 | 28 | 40 | 50 | 56 | 63 | |
| 5000 | | | | 20 | | 25 | 36 | 50 | 63 | 71 | 80 | |
| 6300 | | | | 25 | | 32 | 45 | 63 | 80 | 90 | 100 | |
| 8000 | | | | 32 | | 40 | 56 | 80 | 100 | 110 | 125 | |
| 10000 | | | | 40 | | 50 | 71 | 100 | 125 | 140 | 160 | |

Creepage distance K

1) The voltage

a For functional insulation, it is the working voltage.

② In the case of pollution degree 3, if the voltage is higher than 630V, the use of class III b insulating material is not recommended.



Test Standard

Increase K to L

according to situation A

IEC60664-1 Specification for Insulation of Electrical Equipment for Low Voltage Systems

Electrical insulating properties:

Determination of clearances and creepage distances according to IEC60664-1

- Characteristic values of
 overvoltages and overvoltage
 protective devices that may occur in
 relation to clearances
- 2) The working voltage related to the creepage distance, the direct surrounding environment that will reduce the insulation characteristics of the device, and the torque specified by the anti-pollution protection measures shall be tested again 5 times

Definition of terms

1) Overvoltage classes I to IV

- Overvoltage category IV:
 Can be used for building installation junction points. Note: Devices in this class include electricity meters and major overcurrent protection devices
- Overvoltage category III:
 The device can be used in fixed installations, especially in environments that require high device reliability and availability. NOTE: Such devices include fixed-mount switches and industrial equipment permanently connected to fixed-mount devices
- Overvoltage category II:
 It is a power-consuming device powered by a fixed installation. Note: Such devices include household appliances, portable equipment, other household appliances and similar devices
- Overvoltage category I:
 Can only be used in circuits with limited low-intensity transient overvoltages devices

2) Pollution degree 1 to 4

Pollution degree 1:
 No pollution, or only dry, non-conductive pollution and no effect occurs

 Pollution degree 2:
 Only non-conductive pollution occurs. Occasional temporary conductivity occurs due to condensation effects must be considered

Pollution degree 3:
 Conductive pollution or dry non-conductive pollution occurs due to condensation

Pollution degree 4:
 Contamination leads to persistent electrical conductivity, e.g. through conductive dust, rain and snow

3) Pollution degree 1 to 4

- Insulating materials are divided into four groups according to CTI value, which is measured by A solution according to IEC60112 standard
- Insulation material group I: 600 ≤CTI
- Insulation material group II: 400 ≤ CTI < 600
- Insulation material group III a: 175 ≤ CTI < 400
- Insulation material group III b: 100 ≤ CTI < 175
- Proof Tracking Index(PTI) is used to express the resistance to leakage current characteristics of insulating materials

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b For basic and supplementary insulation of circuits supplied directly from the low-voltage mains, the voltage selected from Table 3a or 3b according to the rated voltage of the equipment or the rated insulation voltage of the equipment.

c For the basic and supplementary insulation of systems, equipment and internal circuits that are not directly powered by the power supply, the voltages within the rated parameters may be generated by systems, equipment or internal circuits that use rated voltages in various harsh operating environments. Highest true rms value.

IEC60947-7-1 **UL1059 Electrical** Performance test

Power frequency withstand voltage / impulse withstand voltage test of din rail terminal blocks

- Testing purpose:
- 1) Power frequency withstand voltage verifies the insulation performance of the product under high voltage conditions, and at the same time verifies the creepage distance between the potentials of two adjacent terminal blocks, and between the terminal blocks and the DIN rail
- 2) Impulse withstand voltage test to prove whether there is a sufficiently large electrical gap between two adjacent potentials
- Testing method:
- 1) Power frequency withstand voltage (IEC): the highest effective voltage value or DC voltage value that can continue to occur under the specified use conditions (as shown in the figure). Test voltage duration must exceed 60 seconds
- 2) Impulse withstand voltage (IEC): The test needs to be repeated 5 times, and the time interval is at least 1s. Tested separately for each polarity according to rated insulation voltage
- Judgement standard:
- 1) Power frequency withstand voltage: There shall be no spark discharge or breakdown during the test. And the leakage current must be less than 0.5mA
- 2) Impulse withstand voltage: no insulation failure and no flashover during the test
- DEGSON terminal blocks are rated for surge voltages between 6kV and 8kV. This effectively verifies the operational safety of the rated

working voltage of the terminal

Quality requirements:

block.



UL 1059

Ui ≤600 V:

Test voltage = 1000 V + 2 x Rated insulation voltage Ui 601 V~1500 V:

Test voltage = 2000 V + 2.25 x Rated insulation voltage Ui

Power frequency withstand voltage/ impulse withstand voltage test of din rail terminal blocks

| Table 12A-Dielectric test voltage corresponding to the rated insulation voltage | | | | | | | | | | |
|---|-----------------------------|----------------------|--|--|--|--|--|--|--|--|
| Rated insulation voltage Ui V | AC test voltage (r.m.s.) | DC test voltage b, c | | | | | | | | |
| U _i =60 | 1000 | 1415 | | | | | | | | |
| 60 <u: =300<="" td=""><td>1500</td><td>2120</td></u:> | 1500 | 2120 | | | | | | | | |
| 300 <ui =690<="" td=""><td>1890</td><td>2670</td></ui> | 1890 | 2670 | | | | | | | | |
| 690 <ui =800<="" td=""><td>2000</td><td>2830</td></ui> | 2000 | 2830 | | | | | | | | |
| 800 <ui =1000<="" td=""><td>2200</td><td>3110</td></ui> | 2200 | 3110 | | | | | | | | |
| 1000 <u<sub>i =1500 ^a</u<sub> | 1 | 3820 | | | | | | | | |

- b Test voltage based on 4.1.2.3.1, third paragraph of IEC 60664-1.
- c A direct current test voltage may be used only if an alternating test
- voltage cannot be applied. See also 3) b) ii) of 8.3.3.4.1

| Rated impulse | Test | oltages and | corresponding | altitudes | |
|--|-------------|-------------|---------------------------|-----------|-------|
| withstand voltage U _{imp} | | | U _{1,2/50} KV | | |
| KV | Sevel level | 200m | 500m | 1000m | 2000n |
| 0.33 | 0.35 | 0.35 | 0.35 | 0.34 | 0.33 |
| 0.5 | 0.55 | 0.54 | 0.53 | 0.52 | 0.58 |
| 0.8 | 0.91 | 0.9 | 0.9 | 0.85 | 0.8 |
| 1.5 | 1.75 | 1.7 | 1.7 | 1.6 | 1.5 |
| 2.5 | 2.95 | 2.8 | 2.8 | 2.7 | 2.5 |
| 4.0 | 4.8 | 4.8 | 4.7 | 4.4 | 4.0 |
| 6.0 | 7.3 | 7.2 | 7.0 | 6.7 | 6.0 |
| 8.0 | 9.8 | 9.6 | 9.3 | 9.0 | 8.0 |
| 12.0 | 14.8 | 14.5 | 14 | 13.3 | 12 |



IEC60947-7-1 **UL1059 Electrical** Performance test

Din Rail terminal blocks Voltage-drop test

Testing purpose:

This electrical test determines the voltage drop on a terminal block (two terminal points) and contact quality

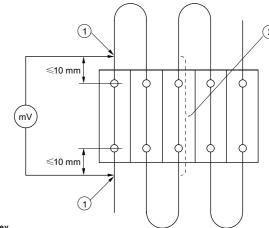
Testing method:

During the test, a direct test current corresponding to 0.1 times the current carrying capacity of the rated cross-section is applied to the terminal blocks, and the voltage drop is picked off at a distance of ≤10 mm from the middle of the terminal point (see diagram)

Judgement standard:

At 20°C ambient temperature, the voltage drop across each terminal shall not exceed 3.2mV before and after the test, and shall not exceed 1.5 times the initial value before the test

Quality requirements: **DEGSON Takamatsu's Terminal** Blocks Voltage Drop of Terminal Blocks Meets Industry Standards



- 1 Measuring point of voltage drop
- 2 Measuring of temperature

Figure 2 Arrangement for tests according to 8.4.5 and 8.4.7, and for the verification of voltage drop



Din Rail Terminal Blocks Voltage-drop Test

| S(mm²) | 0.2 | 0.5 | 0.75 | 1 | 1.5 | 2.5 | 4 | 6 | 10 | 16 | 25 | 35 | 50 | 70 | 95 | 120 | 150 | 185 | 240 | 300 | - | - |
|------------|-----|-----|------|------|------|-----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Current(A) | 4 | 6 | 9 | 13.5 | 17.5 | 24 | 32 | 41 | 57 | 76 | 101 | 125 | 150 | 192 | 232 | 269 | 309 | 353 | 415 | 520 | - | - |
| AWG/MCM | 24 | 22 | 20 | 18 | 16 | 14 | 12 | 10 | 8 | 6 | 4 | 2 | 1 | 1/0 | 2/0 | 3/0 | 4/0 | 250 | 300 | 350 | 500 | 600 |
| Current(A) | 4 | 6 | 8 | 10 | 16 | 22 | 29 | 38 | 50 | 67 | 90 | 121 | 139 | 162 | 185 | 217 | 242 | 271 | 309 | 353 | 415 | 520 |

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Test

Din Rail Terminal Blocks Temperature-rise Test

- Testing purpose: Confirm that the product will not generate abnormal temperature under normal operating environment, which may cause possible fire hazard
- Testing method:

1) IEC60947-7-1

Install the 5 terminal blocks on the guide rail, as shown in the figure, use 1m (≤10mm²) or 2m (>10mm²) wires in series, and load the carrying capacity current corresponding to the rated wire; multilayer wiring terminal blocks and test disconnect terminal blocks are allowed reduce test current according to the manufacturer's requirements

2) IEC60947-7-2

Group a): Arrange 5 pieces of mutually insulated protective body terminal blocks adjacent to each other, without bracket installation, and measure the temperature rise on the middle piece of terminal (10mm², $L=1m; > 10mm^2, L=2m)$

Group b): Install 5 pieces of protective conductor terminal blocks on a non-steel bracket, connect the two outer protective conductor terminals through the bracket, and measure the temperature rise on the two outer terminal blocks (10mm², L=1m;> 10mm², L=2m)

3) IEC61984

Products of various positions (eg 5 positions, 10 positions....) are connected using loops of 0.5m or 1m long conductors with a maximum cross-section. Load the test current according to the decay curve (basic curve)

4) UL1059

Take at least 3 terminal blocks and mount them horizontally (next to each other). The measured ambient temperature is 25°C, the maximum allowable temperature rise is 30 K (measure as close as possible to the wiring point)



Din Rail Terminal Blocks Temperature-rise Test

Judgement standard:

- 1) IEC60947-7-1
- 2) IEC60947-7-2

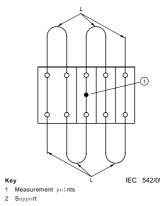
The maximum permissible temperature rise of the terminal block is 45 K. Before and after the Temperature-rise test, the voltage drop test of the five terminal blocks is required

3) IEC61984

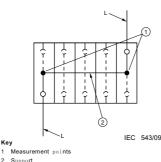
The temperature rise on the terminal contacts must not exceed the upper material temperature

4) UL1059

The maximum allowable temperature rise of the terminal is 30K (measured as close as possible to the wiring position)



a) Group Temperature-rise test layout



b) Group Temperature-rise test layout

Quality requirements:

The terminal blocks are made of high-quality contact materials, so the temperature rise values of the terminal blocks with various connection technologies are all lower than the requirements of the specified standard

IEC 60947-7-1/-2/ UL 1059 / IEC 61984 **Electrical Performance** Test

DIN Rail Terminal Current Carrying Capacity Curve Complies with IEC/EN 60512-5-2 standard

Testing purpose:

DEGSON

When choosing a connector, pay attention to the structural requirements of the connector and the size of the current carrying capacity

Testing method:

The current carrying capacity depends on the cross-sectional area of the connected wires, the ambient temperature, the number of poles carrying current at one time, the internal resistance of the connector, the printed circuit board layout, and the material of the connector. The relationship between current, ambient temperature and temperature rise (up to the limit operating temperature of the connector) can be displayed according to the IEC current carrying capacity curve (decay curve) (see schematic diagram)

Judgement standard:

The connector can operate normally within the limit of operating temperature (sum of self-heating and ambient temperature)

Quality requirement:

DEGSON terminal blocks are made of high-quality contact materials and shell materials to improve the current carrying capacity of the connector

DS6 Derating diagram



Current-carrying Capacity Curve Diagram Of Rail Terminals (attenuation Curve)

The function of the current-carrying capacity curves (according to IEC/EN 60512-5-2) can be explained with the help of the corresponding graphs of the DS series: for example, in this graph, each pole of a 4-position connector carries 41A Current and connects 4mm² wire, the maximum allowable ambient temperature is 80°C. If the temperature is higher, the current will be reduced. For example, when the ambient temperature is 100°C, the carrying current will be reduced to 20A.

DEGSON

IEC 60947-7-1/-2 / UL 1059 / IEC 61984 Electrical Performance Test

Instantaneous Impulse Current Strength Test of Din Rail Terminal Blocks

Testing purpose:

The terminals must also withstand the transient short-circuit current without damage before the protective device disconnects the current

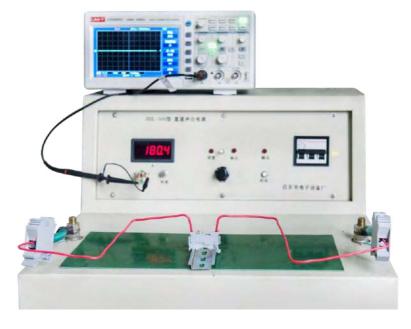
Testing method:

Mount the terminal with the conductor of rated cross-section on the rail, load current = 120 A/mm² (current x rated cross-section) for 1 second. The test process is carried out in three rounds (see schematic diagram)

Judgement standard:

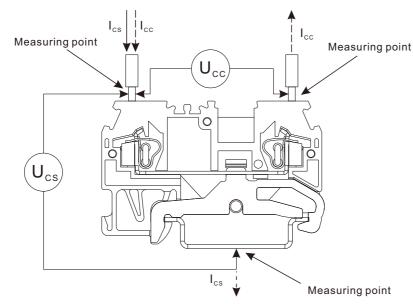
After the test is completed, the components are undamaged and can be used further, which shows test meets requirement. The terminal blocks must pass the voltage drop test before and after this test. The voltage drop on each terminal block before and after the test shall not exceed 3.2mV, and shall not exceed 1.5 times the initial value before the test after the test

Quality requirements: DEGSON terminal blocks are made of high-quality contact materials and shell materials to improve the current impact capability of the connector



Instantaneous Impulse Current Strength Test of Din Rail Terminal Blocks

The instantaneous current carrying capacity of the 95mm² high current terminal block is 11400A.



In this test, the protective earth terminal block can withstand a secondary current of 120A/mm² for a duration of 1s, with an interval of at least 6 minutes between the two times. The voltage drop value is a crucial factor for the product to pass this experiment (limit value and continuous measurement value).

IEC 60947-7-1/-2 / UL 1059 Environmental Performance Test

Din Rail Terminal blocks Aging Cycle Test(spring cage type)

Testing purpose: In order to prolong the life cycle of the terminal block, the test of the connection quality by simulating the aging process

Testing method: 1) IEC: Install the five terminal blocks horizontally on the guide rail, and use wires of rated cross-section in series. and measure the voltage drop across each terminal block. Connect in series with a minimum length of 300 mm wire. The lower and upper temperature limits in the aging box were set to 20°C and T+45°C, respectively. The ramp-up phase continued for 10 minutes after reaching the maximum temperature T+45°C. The power is then disconnected, and the voltage drop is measured once after cooling to about 20°C, or after 24 cycles. There are 192 cycles in the whole testing

2) UL: continuous use of 1.5 times the rated current, 3.5 hours of power on, 0.5 hours of power off, 84 cycles (cycles) of power on and off

Judgement standard:

process

1) IEC: The initial voltage drop shall not exceed 3.2mV. The voltage drop during and after the test shall not exceed 4.8 mV and shall not exceed 1.5 times the measured value after 24 cycles

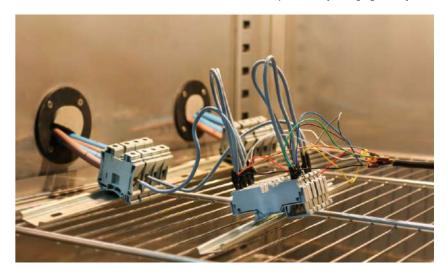
2) UL: The maximum temperature rise value of the 84th cycle is not greater than the maximum temperature rise value of the first cycle by 5 degrees

Quality requirements: DEGSON terminal blocks could maintain strong durability even in harsh working environments. Both plastic and metal parts have a long

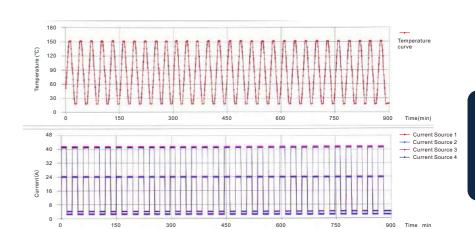
service life.



Screwless Terminal Blocks Temperature Cyclic Aging Test System



Aging Cycle Test



Testing Standard

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Test Standard

GB/T 2423.16-2008/ IEC 60068-2-10:2005

Mold test

Testing purpose: In order to test the influence of mold growth on electronic products and the degree of mold growth on electrical performance, it is necessary to conduct mold tests on

Testing method:

terminals

The strains and freeze-dried spores should be obtained from an approved collection of fungal strains, with an experimental severity level of 2 and a culture period of 56 days.

Prepare the following two sets of samples

The first group of spore suspension inoculated and cultured samples; Group 2 Negative control samples sprayed or immersed in sterile distilled water according to the inoculation method of Group 1, incubated at the same temperature and humidity, but in a sterile environment.

Oxygen was supplied to the vessel every 7 days until the end of the incubation period.

Judgement standard:

Grade 2a: Sparse mold growth is seen with the naked eye or scattered and local mold growth is seen under the microscope, and the mold growth area does not exceed 5% of the test area

Quality requirements: DEGSON Takamatsu's terminals can meet the mold test requirements 2a standard



Mold Test Chamber

IEC 60947-7-1/-2 Material Property Testing

Din Rail Terminal Blocks Comparative Tracking Index(CTI) according to IEC 60112

Testing purpose:

DEGSON

Humidity and contamination can affect the creepage distance of plastic surfaces. The CTI value of plastic refers to the prevention of leakage caused by creepage gaps

Testing method:

Place two platinum electrodes with a distance of 4mm on a plastic plate of (40 mm x 40 mm x 3 mm), use 0.1% ammonium chloride solution, apply a standard test voltage to the two electrodes, every 30 seconds, test droplets Drop once, a total of 50 drops

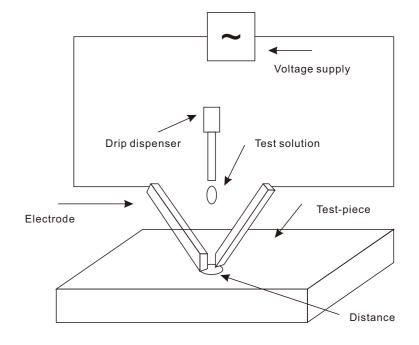
Judgement standard:

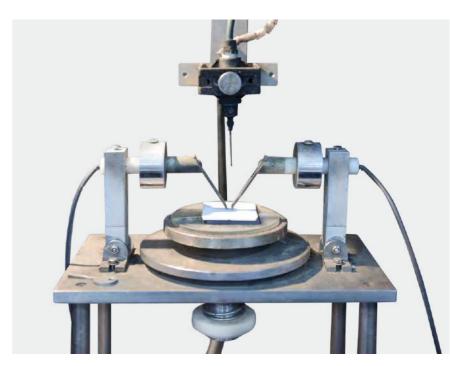
The following judgments are unqualified:

- 1. Sample surface current ≥0.5A delay 2s
- 2. The surface current of the sample is less than 0.5A, but it catches fire
- 3. After 50 drops of the solution, the sample is dripped through

Quality requirement:

Plastic materials used by DEGSON meets the highest test voltage category, CTI can reach 600V





Din Rail Terminal Blocks Comparative Tracking Test

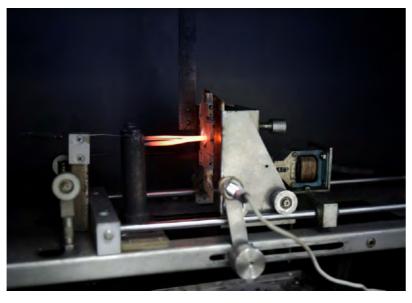
Festing Standard

Test Standard

IEC 60947-7-1/-2 **Material Property Testing**

Din Rail Terminal Block Glow Wire Compliant to IEC 60695-2-11/-12

- Testing purpose: Under overload conditions, conductive metal parts may experience significant heat generation. This extra heat can have an effect on the plastic housing. Glow wire test simulates fire hazard to electronic components
- Testing method: In the glow wire test, the glow wire is heated to a specified temperature (750°C, 850°C or 960°C). As shown in the figure, use a pushing force of 1N, and vertically touch the glow wire to the thinnest part of the test piece shell and heat for 30s
- Judgement standard: No flame or burning process occurred during the test
- The flame or red heat of the specimen is extinguished within 30 seconds after the glow wire is removed;
- Burning droplets cannot ignite the silk paper under the test piece
- Quality requirement: The nylon used in the housing material of DEGSON Takamatsu terminals can meet the requirements of UL yellow card



DIN Rail Terminal Block Glow Wire In Testing



DIN Rail Terminal Block Glow Wire After Testing

IEC 60947-7-1/-2 **Material Property Testing**

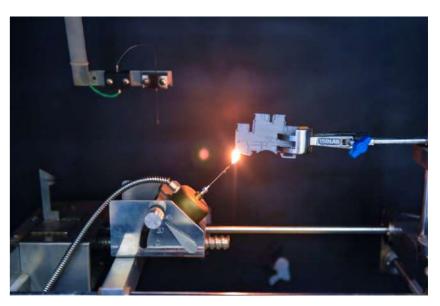
DEGSON

Din Rail terminal block needle flame test compliant to IEC 60695-2-2

- Testing purpose: In the fire test, an external fire source is used to directly approach the test component, and it acts directly on the component from the outside to simulate the flame retardant performance of the component.
- Testing method: During the test, an open flame generated by butane gas is applied to an outside or surface of the test piece at an angle of 45° for 10 seconds. Then observe the test subject's reaction after being removed from the fire
- Judgement standard: No flame or combustion process occurred during the test
- After the flame is removed, the flame or red heat of the specimen is extinguished within 30 seconds;
- Burning droplets cannot ignite the silk paper under the test piece
- Quality requirement: DEGSON uses high-quality plastic materials and special construction, all terminals have passed the needle flame test



Needle Flame Tester

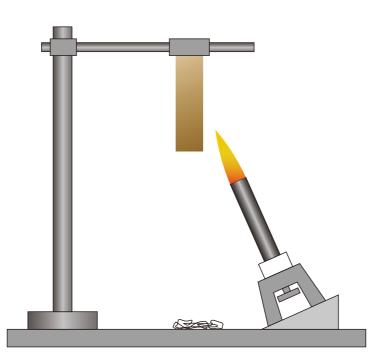


DIN Rail Terminal Block Needle Flame Test

IEC 60947-7-1/-2 **Material Property Testing**

Rail terminal flame retardant test conforms to UL94

- Testing purpose: In fire tests, the flame retardant properties or burning behavior of materials
- Testing method: After preconditioning, the test strips were clamped vertically and flame heated 2 times, each lasting 10 seconds. Record the length of time that each material burns to extinguish
- Quality requirements: DEGSON terminal blocks use UL94 PA66 V0 plastic material



Rail Terminal Flame Retardant Test

| Туре | UL94 V0 | UL94 V1 | UL94 V2 |
|--|---------|---------|---------|
| Each flame's burning time | ≤10 s | ≤30 s | ≤30 s |
| Total 10 times of flame's burning time | ≤50 s | ≤250 s | ≤250 s |
| Second flame's burning time | ≤30 s | ≤60 s | ≪60 s |
| Complete combustion | No | No | No |
| The cotton wool under the test sample is ignited | No | No | No |

IEC 60068-2-11 **Environmental Performance Test**

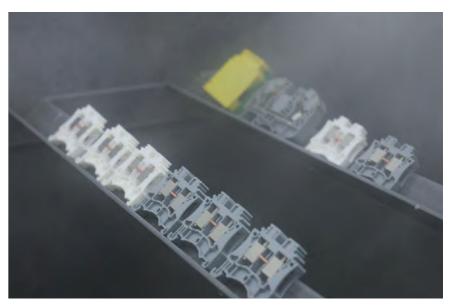
DEGSON

Din Rail Terminal Block Salt Spray Corrosion Test

- Testing purpose: In salt spray environment, technical components must be able to function continuously in aggressive environment. The air contains salt and high humidity, and the metal parts used are required to have strong corrosion resistance. According to the above standards, the impact on the marine climate is simulated
- Testing method: Test subjects were placed in a test chamber and sprayed with 5% sodium chloride (NaCl; pH 6.5 - 7.2) for 96 hours at ambient conditions at 35°C
- Judgement standard: Observe the appearance of the test object and conduct an electrical test on the resistance of the junction in order to verify the effect of the corrosion test on the junction
- Quality requirement: DEGSON terminal blocks uses corrosion-resistant high-grade copper alloys to ensure that the contacts are not corroded in extreme environments



Salt Spray Test Chamber



Din Rail Terminal Blocks Salt Spray Corrosion Test

Environmental Performance Test

Din Rail Terminal Blocks Temperature Cycling Test

- Testing purpose: In process control, sharp temperature changes often occur near its cold and heat sources. This test verifies that the junction point guarantees long-lasting excellent connection quality, even when subjected to rapid temperature changes
- Testing method: The 5 terminal blocks for connecting the rated cross-section conductors are mounted on the rail and subjected to temperature shock using a dual temperature control test. Set the temperature in the box to the upper limit temperature of the terminal blocks +105°C and the lower limit temperature -40°C respectively. The terminal blocks stays in each temperature control box for 12H. The temperature was cycled 5 times. After cooling to room temperature, the terminal blocks must also pass the voltage drop test
- Judgement standard: After the test is completed, the parts are not damaged and can be used further, which shows test meets requirement
- Quality requirement: DEGSON terminal blocks uses temperature-resistant nylon material to ensure well-balanced temperature characteristics in extreme environments



Din Rail Terminal Blocks Temperature Cycling Test



Din Rail Terminal Blocks Temperature Cycling Test

IEC 61373 / IEC 60068-2-6 **Vibration Test (DIN EN 50155)**

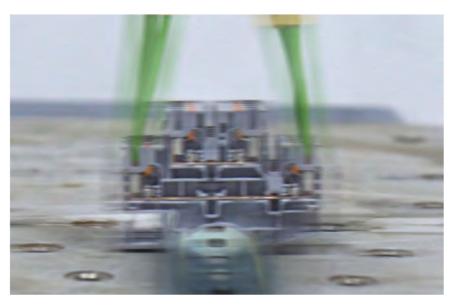
Din Rail Terminal Blocks Vibration Test

DEGSON

- Testing purpose: In the rail industry, terminal blocks are subject to vibration and shock. In order to simulate the vibration experienced in actual use, the test object is subjected to a broadband noise and vibration test
- Testing method: In the test frequency range: 5Hz to 150Hz. The equivalent value of acceleration can be up to 7.91m/s2. The test piece must be tested for 5 hours in each of the three axis directions (X, Y, Z). During the testing process, in addition to vibration testing, it is necessary to monitor the electrical contacts, which increases the difficulty of testing.
- Judgement standard: The contact resistance shall not be more than 1 μ s during vibration, and the contact resistance shall be measured before and after the test. After the test is completed, there shall be no damage that affects subsequent normal use
- Quality requirements: The terminal blocks with different connection technologies provided by DEGSON have passed high standard vibration test



Vibration Testing Machine



Din Rail Terminal Blocks Vibration Test

IEC 61373/IEC 60068-2-27 Shock Testing

Din Rail Terminal Blocks Shock Testing

- Testing purpose: In the rail industry, terminal blocks are subject to vibration and shock. Detect and verify the ability of the joint to resist different shocks
- Testing method: Three shocks applied in the positive and negative directions of the three coordinate axes (X, Y, Z). The simulated acceleration reaches 20g, the pulse duration is 11ms, and the (X, Y, Z) shocks 3 times in the forward and reverse directions, a total of 18 times
- Judgement standard: During the test, the contact disconnection of more than 1µs shall not occur. After the test is completed, there shall be no damage that affects the subsequent normal use.
- Quality requirements: DEGSON din rail terminals are all subjected to high-strength shocks and are suitable for occasions that are susceptible to strong shocks



Shock Testing Machine

Test Standard

IEC60529, EN50274 Protection Against Contact Test

Din rail terminal blocks touch protection test

- Testing purpose:
 Electrical installations and systems must ensure a very high level of safety for service technicians. The voltage-free state of the affected low-voltage system or system parts up to AC 1000V and DC 1500V when working near live parts. To prevent electric shock, live parts must be protected from direct contact with covers or brackets
- Testing method:
 When testing according to
 EN50274, the test probe exerts a
 force on the test object in the
 direction of operation
- Judgement standard: For electrical contact between the test probe and live parts, do not use a test force of more than 10N to demonstrate touch-proof safety, and a test force of 50N to demonstrate "back of hand" safety
- Quality requirements:
 DEGSON din rail terminal blocks
 meets the standard finger protection
 against contact requirements



Din Rail Terminal Blocks Touch Protection Test



Din Rail Terminal Blocks Touch Protection Test

ENVIRONMENTAL POLICY

DEGSON realizes system regulation without lead in 2005 and has been granted ISO14001 in 2006. All the products conform to the European ROHS requirement.

DEGSON realizes the importance to protect environment resources, selfconsciously meets environment protection requirements for products and regardsit as the responsibility. Thus, we have made the following environment strategic policy:

- 1. To meet customers'demands and obey the national and local laws and regulations as well as other environmental protection requirements.
- 2. Take environmental protection as one criterion for continuing development of our company. Insist on fully development of quality, benefit and environ mental protection.
- 3. Fully considering the factors which will influence the environment in the processes of product development, manufacturing, material usage and waste processing, establish management system of waste in order to improve the environment of our company.
- 4. To increase the employees' consciousness of environmental protection through training and to realize the continuing improvement of environment management system and the ability of environmental protection.
- To make full use of resources and to decrease consumption of material in order to save energy.
- 6. To promise to our partners and society that we will make contribution to environment protection. There is only one Earth for our humanity.
- 7. To strive for making conservation-oriented and environment-friendly products through continuous innovation and developing new materials and technology.



