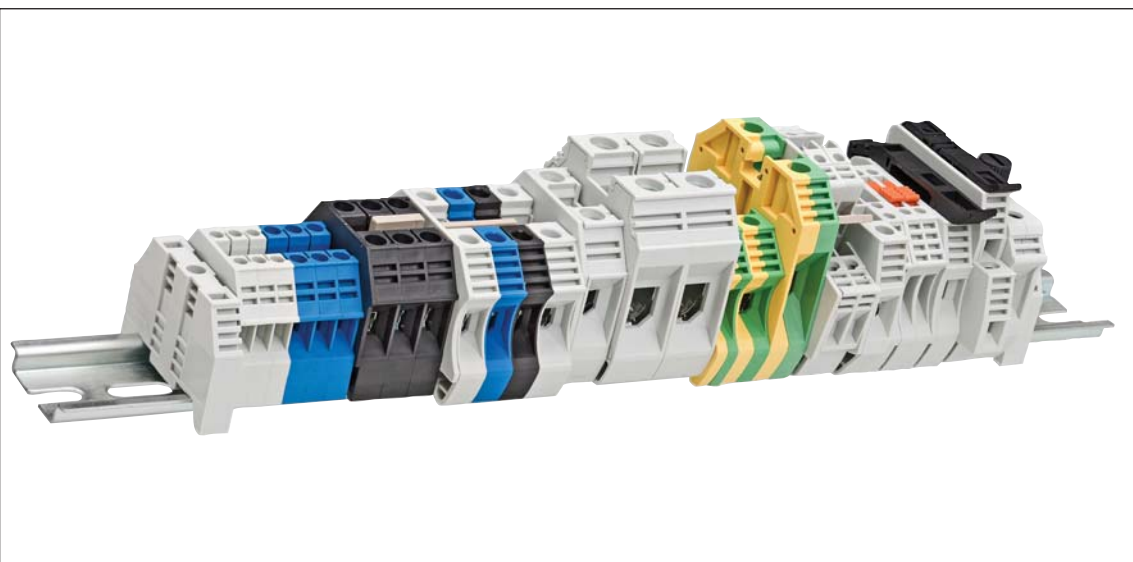


DIN-Rail Terminal Blocks

Simplify Wiring, Power Distribution
& Circuit Protection





Terminal Blocks



Accessories



Marking System

Terminal Blocks

| | | |
|----------------------------|--------------|---------|
| Terminal Blocks Styles | | 4 - 5 |
| Terminal Blocks Overview | | 5 |
| Feed Through Blocks | DP Series | 6 - 7 |
| | DS Series | 8 |
| Mini Feed Through Blocks | DM Series | 9 |
| Double Level Blocks | DDP Series | 10 |
| Disconnect Blocks | DIS Series | 10 |
| Grounding Blocks | DG Series | 11 - 12 |
| Fuse Holder Blocks | F520 Series | 13 - 14 |
| Internally Jumpered Blocks | DDNS Series | 14 |
| Test Blocks | DTST2 Series | 15 |

Accessories

| | | |
|------------------------|--|---------|
| Top Screw-on Bridges | | 16 |
| End Brackets | | 17 |
| Partition Plates | | 17 |
| Jumper Slides | | 18 |
| Top Insertion Bridges | | 18 |
| Side Insertion Bridges | | 19 - 20 |
| Mounting Rails | | 20 |

BUSS*Scribe* Marking Systems

| | | |
|-------------------------------|--|---------|
| Marking System | | 22 |
| Marking Label Ordering Method | | 23 - 25 |

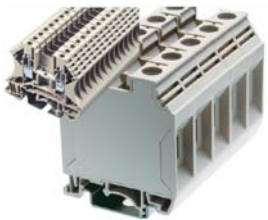
DIN-Rail Complementary Range

| | | |
|----------------------------|--------------|---------|
| Overview | | 26 |
| Modular Fuse Holders | CH Series | 27 |
| | Comb-Bus Bar | 28 |
| | CH-PLC | 29 |
| | CH14B Series | 30 |
| | CH22B Series | 31 |
| Compact Circuit Protectors | CCP Series | 32 |
| NH Bases | | 33 |
| Surge Protective Devices | | 34 - 35 |

Terminal Blocks Styles

Our terminal blocks are available in multiple colours for easy circuit identification, plus popular single and double-bridge shaft systems for maximum power distribution flexibility. Certifications include UL 1059 (UL File E62622), cURus, VDE and IEC 60947-7. Blocks are Short-Circuit Current Rated (SCCR) from 10kA to 200kA.

Feed Through Terminal Blocks



Single-level feed through terminal blocks up to 1000V and 232A for wire sizes AWG 22 to 2 (0.5mm² to 35mm²).

See page 6 - 9

Fuse Holder Terminal Blocks



Fuse terminal blocks protect your sensors and relays. Available in lever and screw-cap style, with and without LED indication. Uses standard Cooper Bussmann 5x20mm fuse links.

See page 13 - 14

Double Level Terminal Blocks

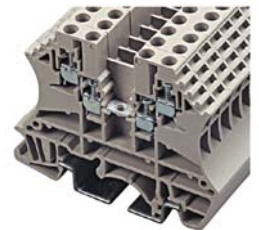
High-density connectivity using double-level terminal blocks. Marking system, side insertion bridge and top screw-on bridge are standard. Use bridges to achieve any connection topology.



See page 10

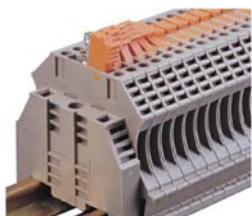
Internally Jumpered Terminal Blocks

Internally jumpered double-level terminal blocks provide high-density power distribution in 3-in/1-out or 2-in/2-out or 1-in/3-out options with a single block.



See page 14

Disconnect Terminal Blocks



Disconnect terminal blocks offer an easy circuit disconnection with just a flick of a screwdriver.

See page 10

Test Terminal Blocks



Test terminal blocks with convenient test sockets, plugs, jumpers and accessories to make your circuit troubleshooting easy.

See page 15

Grounding Terminal Blocks

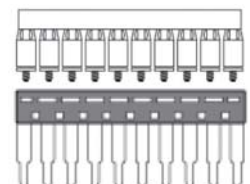
Grounding terminal blocks can convert DIN-Rail into a grounding bar. For wire sizes AWG 26 to 2 (0.13mm² to 35mm²).



See page 11 - 12

Jumper Bridges

A variety of side insertion bridge, top insertion bridge and top screw-on bridge in multiple pole options are available to solve any power distribution need.



See page 16- 20

Rail Products



An array of rail products are offered to compliment the DIN-Rail Terminal Block product line. Products available include 15mm, 35mm aluminium DIN-Rail; and 35mm G-type DIN-Rail.

See page 20

Marking System and Labels

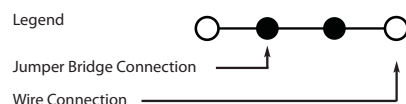
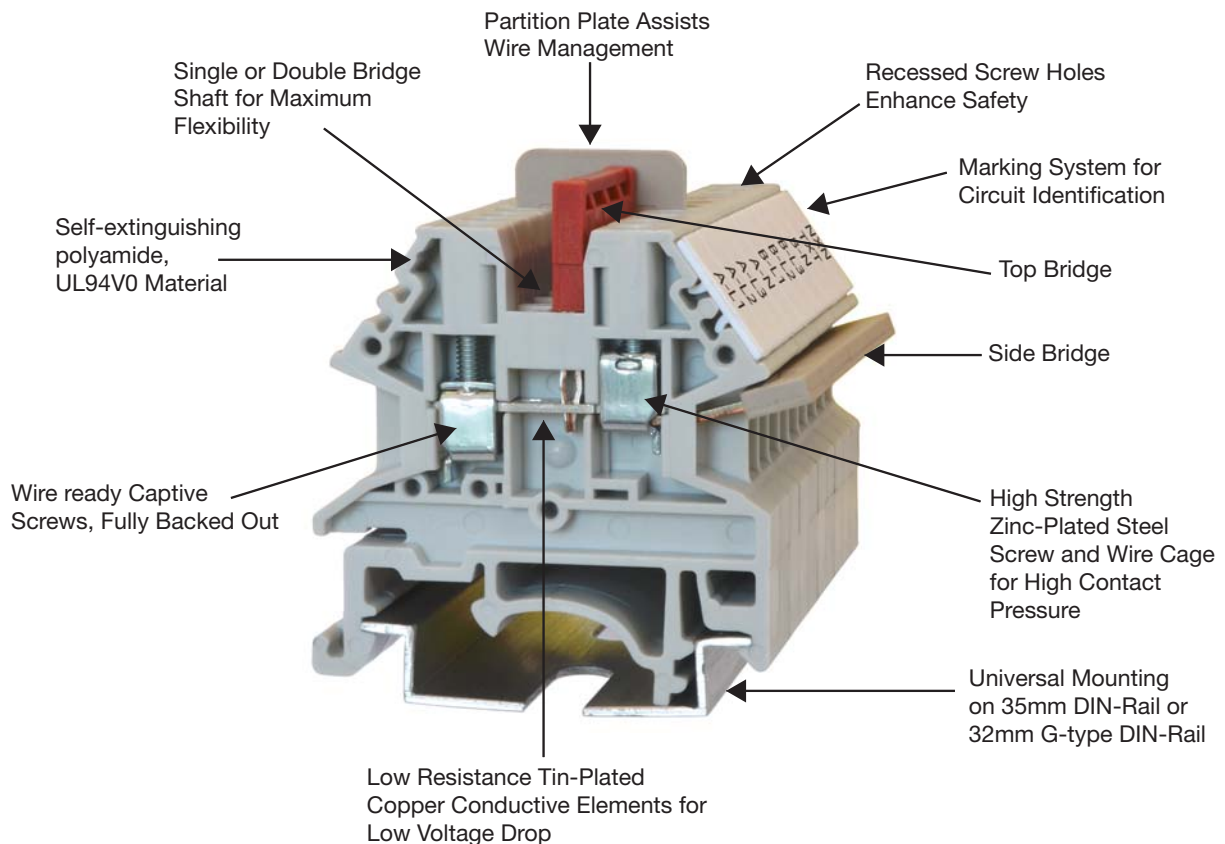


Open software, PC-based plotter system can print Cooper Bussmann labels as well as most major competitor labels. A decisive advantage. Blank and pre-printed marking labels are available.

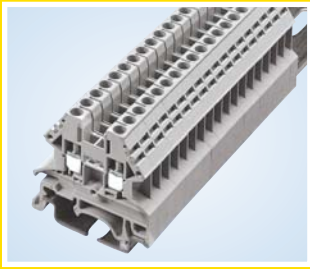
See page 21 - 25

Terminal Blocks Overview

Introducing a full range of single-level and two-level feed through screw connection DIN-Rail terminal blocks, test and disconnect blocks, grounding blocks, plug-in and screw-on bridges, marking system and accessories. High quality and high functionality for all wiring needs.



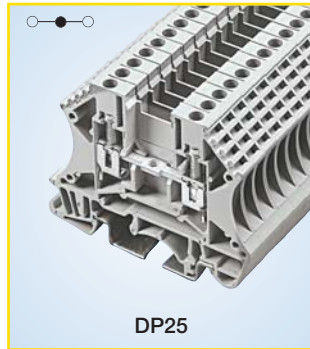
Feed Through Blocks - DP Series



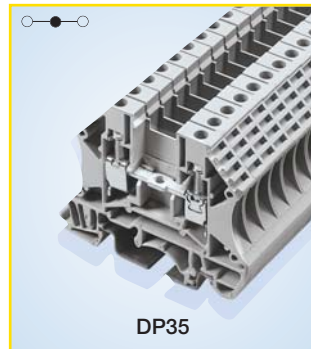
DP Series

The DP Series feature a generous design allowing for more wiring space and access. Additionally, this series feature a larger wire contact area and larger conducting elements. Accessories include marking labels, partition plates, side insertion bridge and top screw-on bridge for improved reliability. Comes with matching shaped grounding blocks. Designed for 35mm DIN and 32mm G-type rails.

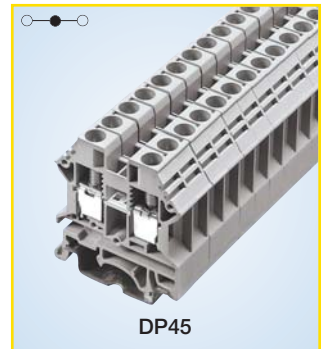
IEC 60947-7-1 and UL 1059 compliant.



DP25



DP35



DP45

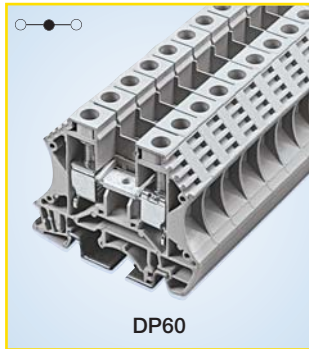
| Approval | CE cRU ^{US} | |
|--|------------------------------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 630V |
| Rated current | 25A | 24A |
| Conductor cross-section, solid (AWG/mm ²) | 22~12 / 0.5~2.5 | |
| Conductor cross-section, flexible (AWG/mm ²) | 22~12 / 0.5~2.5 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 0.8 | |
| Torque (lb-in) | 7.1 | |
| Screw | M3 | |
| Wire strip length (mm) | 10~12 | |
| W x H x D (mm) | 5.1 x 47.6 x 58.9 | |
| Colours | Cat. No | |
| ● Grey | DP25-GY | |
| ● Blue | DP25-BU | |
| ● Black | DP25-LK | |
| ● Red | DP25-RD | |
| ● Yellow | DP25-YW | |
| ● Orange | DP25-OR | |
| ● Green | DP25-GN | |
| Accessories | Cat. No | |
| ● Grey | DP25-GY-ND | |
| ● Blue | DP25-BU-ND | |
| ● Black | DP25-LK-ND | |
| ● Red | DP25-RD-ND | |
| ● Yellow | DP25-YW-ND | |
| ● Orange | DP25-OR-ND | |
| ● Green | DP25-GN-ND | |
| | DKSPS-001 | |
| | DKSPS-002 | |
| 2-pole | CSC-2-502P | |
| 3-pole | CSC-2-503P | |
| 4-pole | CSC-2-504P | |
| 10-pole | CSC-2-510P | |
| 2-pole | DS2-5-02P | |
| 3-pole | DS2-5-03P | |
| 4-pole | DS2-5-04P | |
| 10-pole | DS2-5-10P | |
| | TM26CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 0.4 x 2.5mm | |

| Approval | CE cRU ^{US} | |
|--|------------------------------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 630V |
| Rated current | 35A | 32A |
| Conductor cross-section, solid (AWG/mm ²) | 22~10 / 0.5~4 | |
| Conductor cross-section, flexible (AWG/mm ²) | 22~10 / 0.5~4 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 0.8 | |
| Torque (lb-in) | 7.1 | |
| Screw | M3 | |
| Wire strip length (mm) | 10~12 | |
| W x H x D (mm) | 6.1 x 47.6 x 58.9 | |
| Colours | Cat. No | |
| ● Grey | DP35-GY | |
| ● Blue | DP35-BU | |
| ● Black | DP35-LK | |
| ● Red | DP35-RD | |
| ● Yellow | DP35-YW | |
| ● Orange | DP35-OR | |
| ● Green | DP35-GN | |
| Accessories | Cat. No | |
| ● Grey | DP25-GY-ND | |
| ● Blue | DP25-BU-ND | |
| ● Black | DP25-LK-ND | |
| ● Red | DP25-RD-ND | |
| ● Yellow | DP25-YW-ND | |
| ● Orange | DP25-OR-ND | |
| ● Green | DP25-GN-ND | |
| | DKSPS-001 | |
| | DKSPS-002 | |
| 2-pole | CSC-402P | |
| 3-pole | CSC-403P | |
| 4-pole | CSC-404P | |
| 10-pole | CSC-410P | |
| 2-pole | DS4-02P | |
| 3-pole | DS4-03P | |
| 4-pole | DS4-04P | |
| 10-pole | DS4-10P | |
| | TM27CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 0.5 x 3mm | |

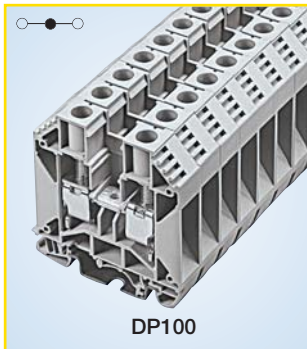
| Approval | CE cRU ^{US} | |
|--|------------------------------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 500V |
| Rated current | 45A | 41A |
| Conductor cross-section, solid (AWG/mm ²) | 20~8 / 0.5~6 | |
| Conductor cross-section, flexible (AWG/mm ²) | 20~8 / 0.5~6 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 1.8 | |
| Torque (lb-in) | 15.9 | |
| Screw | M4 | |
| Wire strip length (mm) | 12~14 | |
| W x H x D (mm) | 8 x 47.6 x 58.9 | |
| Colours | Cat. No | |
| ● Grey | DP45-GY | |
| ● Blue | DP45-BU | |
| ● Black | DP45-LK | |
| ● Red | DP45-RD | |
| ● Yellow | DP45-YW | |
| ● Orange | DP45-OR | |
| ● Green | DP45-GN | |
| Accessories | Cat. No | |
| ● Grey | DP25-GY-ND | |
| ● Blue | DP25-BU-ND | |
| ● Black | DP25-LK-ND | |
| ● Red | DP25-RD-ND | |
| ● Yellow | DP25-YW-ND | |
| ● Orange | DP25-OR-ND | |
| ● Green | DP25-GN-ND | |
| | DKSPS-001 | |
| | DKSPS-002 | |
| 2-pole | CSC-602P | |
| 3-pole | CSC-603P | |
| 4-pole | CSC-604P | |
| 10-pole | CSC-610P | |
| 2-pole | DS6-02P | |
| 3-pole | DS6-03P | |
| 4-pole | DS6-04P | |
| 10-pole | DS6-10P | |
| | TM28CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 0.8 x 4mm | |



Feed Through Blocks - DP Series



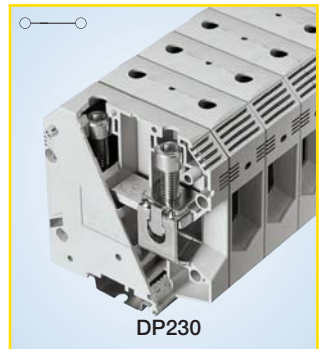
DP60



DP100



DP150



DP230

| Approval | CE C RU US | |
|--|------------------------------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 500V |
| Rated current | 60A | 57A |
| Conductor cross-section, solid (AWG/mm ²) | 20~6 / 1.5~10 | |
| Conductor cross-section, flexible (AWG/mm ²) | 20~6 / 1.5~10 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 1.8 | |
| Torque (lb-in) | 15.9 | |
| Screw | M4 | |
| Wire strip length (mm) | 12~14 | |
| W x H x D (mm) | 10 x 47.6 x 58.9 | |
| Colours | Cat. No | |
| ● Grey | DP60-GY | |
| Accessories | Cat. No | |
| ● Grey | DP25-GY-ND | |
| | DKSPS-001 | |
| | DKSPS-002 | |
| 2-pole | CSC-1002P | |
| 3-pole | CSC-1003P | |
| 4-pole | CSC-1004P | |
| 10-pole | CSC-1010P | |
| 2-pole | DS10-02P | |
| 3-pole | DS10-03P | |
| 4-pole | DS10-04P | |
| 10-pole | DS10-10P | |
| | TM28CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 0.8 x 4mm | |

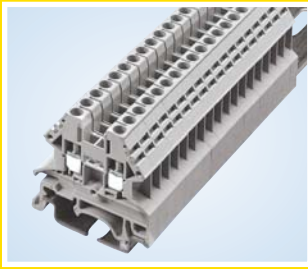
| Approval | CE C RU US | |
|--|------------------------------------|-------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 1000V |
| Rated current | 100A | 101A |
| Conductor cross-section, solid (AWG/mm ²) | 14~3 / 1.5~25 | |
| Conductor cross-section, flexible (AWG/mm ²) | 14~3 / 1.5~25 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 3.4 | |
| Torque (lb-in) | 30.1 | |
| Screw | M5 | |
| Wire strip length (mm) | 13~15 | |
| W x H x D (mm) | 12 x 52.2 x 46.7 | |
| Colours | Cat. No | |
| ● Grey | DP100-GY | |
| Accessories | Cat. No | |
| ● Grey | DP100-GY-ND | |
| | DKNSPS-003 | |
| 2-pole | CSC-1602P | |
| 3-pole | CSC-1603P | |
| 4-pole | CSC-1604P | |
| 10-pole | CSC-1610P | |
| 2-pole | DS16-02P | |
| 3-pole | DS16-03P | |
| 4-pole | DS16-04P | |
| 10-pole | DS16-10P | |
| | TM28CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 1 x 5.5mm | |

| Approval | CE C RU US | |
|--|------------------------------------|-------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 1000V |
| Rated current | 150A | 150A |
| Conductor cross-section, solid (AWG/mm ²) | 12~1 / 2.5~50 | |
| Conductor cross-section, flexible (AWG/mm ²) | 12~1/0 / 2.5~50 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 6.9 | |
| Torque (lb-in) | 61.1 | |
| Screw | M6 | |
| Wire strip length (mm) | 16~18 | |
| W x H x D (mm) | 16 x 61.2 x 52 | |
| Colours | Cat. No | |
| ● Grey | DP150-GY | |
| ● Blue | DP150-BU | |
| Accessories | Cat. No | |
| | DKNSPS-004 | |
| 2-pole | CSC-3502P | |
| 3-pole | CSC-3503P | |
| 4-pole | CSC-3504P | |
| 10-pole | CSC-3510P | |
| 2-pole | DS35-02P | |
| 3-pole | DS35-03P | |
| 4-pole | DS35-04P | |
| 10-pole | DS35-10P | |
| | TM28CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 1 x 5.5mm | |

| Approval | CE C RU US | |
|--|------------------------------------|-------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 1000V |
| Rated current | 230A | 232A |
| Conductor cross-section, solid (AWG/mm ²) | 2 / 35 | |
| Conductor cross-section, flexible (AWG/mm ²) | 2~4/0 / 35~95 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 10.2 | |
| Torque (lb-in) | 90.3 | |
| Screw | M8 | |
| Wire strip length (mm) | 30~35 | |
| W x H x D (mm) | 25 x 88.5 x 80 | |
| Colours | Cat. No | |
| ● Grey | DP230-GY | |
| ● Blue | DP230-BU | |
| Accessories | Cat. No | |
| | DKNSPS-004 | |
| 2-pole | CSC-9502P | |
| 3-pole | CSC-9503P | |
| 4-pole | N/A | |
| 10-pole | N/A | |
| 2-pole | N/A | |
| 3-pole | N/A | |
| 4-pole | N/A | |
| 10-pole | N/A | |
| | TM28CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 1 x 5.5mm | |



Feed Through Blocks - DS Series



DS Series

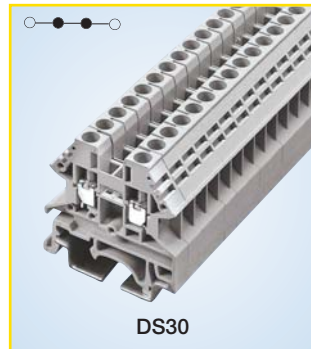
The DS Series feature a compact design that save wiring space on the control panels. Accessories include marking labels, partition plates as well as side and top insertion bridges. Designed for 35mm DIN and 32mm G-type rails.

IEC 60947-7-1 and UL 1059 compliant



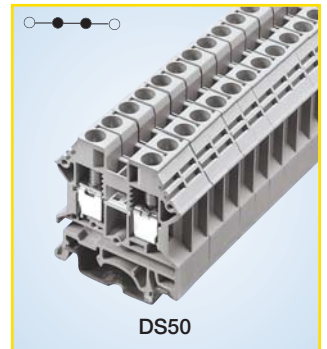
DS20

| Approval | CE C RU US | |
|--|------------------------------------|-------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 1000V |
| Rated current | 20A | 24A |
| Conductor cross-section, solid (AWG/mm ²) | 22~12 / 0.5~2.5 | |
| Conductor cross-section, flexible (AWG/mm ²) | 22~12 / 0.5~2.5 | |
| Rated impulse withstand voltage | 6kV | |
| Torque (N•m) | 0.4 | |
| Torque (lb-in) | 3.5 | |
| Screw | M2.5 | |
| Wire strip length (mm) | 9~11 | |
| W x H x D (mm) | 5.1 x 39.6 x 40.5 | |
| Colours | Cat. No | |
| ● Grey | DS20-GY | |
| ● Blue | DS20-BU | |
| ● Black | DS20-LK | |
| ● Red | DS20-RD | |
| ● Yellow | DS20-YW | |
| ● Orange | DS20-OR | |
| ● Green | DS20-GN | |
| Accessories | Cat. No | |
| ● Grey | DS20-GY-ND | |
| ● Blue | DS20-BU-ND | |
| ● Black | DS20-LK-ND | |
| ● Red | DS20-RD-ND | |
| ● Yellow | DS20-YW-ND | |
| ● Orange | DS20-OR-ND | |
| ● Green | DS20-GN-ND | |
| | DKNSPS-001 | |
| 2-pole | DSS2-5N-02P | |
| 3-pole | DSS2-5N-03P | |
| 4-pole | DSS2-5N-04P | |
| 10-pole | DSS2-5N-10P | |
| 2-pole | CSC-2-502PN | |
| 3-pole | CSC-2-503PN | |
| 4-pole | CSC-2-504PN | |
| 10-pole | CSC-2-510PN | |
| | TM26CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | + | |



DS30

| Approval | CE C RU US | |
|--|------------------------------------|-------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 1000V |
| Rated current | 30A | 32A |
| Conductor cross-section, solid (AWG/mm ²) | 22~10 / 0.5~4 | |
| Conductor cross-section, flexible (AWG/mm ²) | 22~10 / 0.5~4 | |
| Rated impulse withstand voltage | 6kV | |
| Torque (N•m) | 0.6 | |
| Torque (lb-in) | 5.3 | |
| Screw | M3 | |
| Wire strip length (mm) | 9~11 | |
| W x H x D (mm) | 6.1 x 39.6 x 40.3 | |
| Colours | Cat. No | |
| ● Grey | DS30-GY | |
| ● Blue | DS30-BU | |
| ● Black | DS30-LK | |
| ● Red | DS30-RD | |
| ● Yellow | DS30-YW | |
| ● Orange | DS30-OR | |
| ● Green | DS30-GN | |
| Accessories | Cat. No | |
| ● Grey | DS20-GY-ND | |
| ● Blue | DS20-BU-ND | |
| ● Black | DS20-LK-ND | |
| ● Red | DS20-RD-ND | |
| ● Yellow | DS20-YW-ND | |
| ● Orange | DS20-OR-ND | |
| ● Green | DS20-GN-ND | |
| | DKNSPS-001 | |
| 2-pole | DSS4N-02P | |
| 3-pole | DSS4N-03P | |
| 4-pole | DSS4N-04P | |
| 10-pole | DSS4N-10P | |
| 2-pole | CSC-402PN | |
| 3-pole | CSC-403PN | |
| 4-pole | CSC-404PN | |
| 10-pole | CSC-410PN | |
| | TM27CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | + | |



DS50

| Approval | CE C RU US | |
|--|------------------------------------|-------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 1000V |
| Rated current | 50A | 41A |
| Conductor cross-section, solid (AWG/mm ²) | 22~10 / 0.5~4 | |
| Conductor cross-section, flexible (AWG/mm ²) | 20~8 / 0.5~6 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 1.2 | |
| Torque (lb-in) | 10.6 | |
| Screw | M4 | |
| Wire strip length (mm) | 12~14 | |
| W x H x D (mm) | 8 x 45 x 41.7 | |
| Colours | Cat. No | |
| ● Grey | DS50-GY | |
| ● Blue | DS50-BU | |
| ● Black | DS50-LK | |
| ● Red | DS50-RD | |
| ● Yellow | DS50-YW | |
| ● Orange | DS50-OR | |
| ● Green | DS50-GN | |
| Accessories | Cat. No | |
| ● Grey | DS50-GY-ND | |
| ● Blue | DS50-BU-ND | |
| ● Black | DS50-LK-ND | |
| ● Red | DS20-RD-ND | |
| ● Yellow | DS20-YW-ND | |
| ● Orange | DS20-OR-ND | |
| ● Green | DS20-GN-ND | |
| | DKNSPS-002 | |
| 2-pole | DSS6N-02P | |
| 3-pole | DSS6N-03P | |
| 4-pole | DSS6N-04P | |
| 10-pole | DSS6N-10P | |
| 2-pole | CSC-602PN | |
| 3-pole | CSC-603PN | |
| 4-pole | CSC-604PN | |
| 10-pole | CSC-610PN | |
| | TM28CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | + | |

Block



End cover



Small partition



Top insertion bridge



Side insertion bridge



Marking label

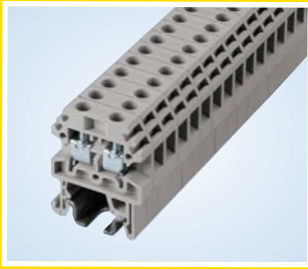


Mounting rail



Tool



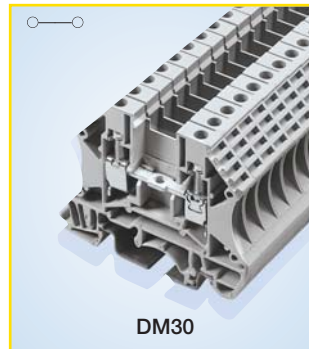


DM Series

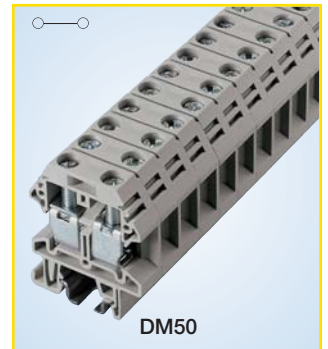
The DM Series is our low cost, miniature feed through terminal block design for 15mm DIN-Rail. Accessories include side insertion bridge and marking labels.



| Approval | | |
|--|-----------------|-------------|
| CE C _{RU} US | | |
| Technical Data | UL | IEC |
| Rated voltage | 300V | 500V |
| Rated current | 20A | 24A |
| Conductor cross-section, solid (AWG/mm ²) | 22~12 / 0.5~2.5 | |
| Conductor cross-section, flexible (AWG/mm ²) | 22~12 / 0.5~2.5 | |
| Rated impulse withstand voltage | 5kV | |
| Torque (N•m) | 0.4 | |
| Torque (lb-in) | 3.5 | |
| Screw | M2.5 | |
| Wire strip length (mm) | 7~9 | |
| W x H x D (mm) | 5.1 x 28 x 22 | |
| Colours | | Cat. No |
| ● Grey | | DM20-GY |
| ● Blue | | DM20-BU |
| ● Black | | DM20-LK |
| Accessories | | Cat. No |
| ● Grey | | DM20-GY-ND |
| ● Blue | | DM20-BU-ND |
| ● Black | | DM20-LK-ND |
| 2-pole | | CSC-2-502PS |
| 3-pole | | CSC-2-503PS |
| 4-pole | | CSC-2-504PS |
| 10-pole | | CSC-2-510PS |
| | | TM20CB |
| | | DRL15MM |



| Approval | | |
|--|-----------------|------------|
| CE C _{RU} US | | |
| Technical Data | UL | IEC |
| Rated voltage | 300V | 500V |
| Rated current | 30A | 32A |
| Conductor cross-section, solid (AWG/mm ²) | 22~10 / 0.5~4 | |
| Conductor cross-section, flexible (AWG/mm ²) | 22~10 / 0.5~4 | |
| Rated impulse withstand voltage | 5kV | |
| Torque (N•m) | 0.6 | |
| Torque (lb-in) | 5.3 | |
| Screw | M3 | |
| Wire strip length (mm) | 7~9 | |
| W x H x D (mm) | 6.1 x 31.5 x 22 | |
| Colours | | Cat. No |
| ● Grey | | DM30-GY |
| ● Blue | | DM30-BU |
| ● Black | | DM30-LK |
| Accessories | | Cat. No |
| ● Grey | | DM30-GY-ND |
| ● Blue | | DM30-BU-ND |
| ● Black | | DM30-LK-ND |
| 2-pole | | CSC-402PS |
| 3-pole | | CSC-403PS |
| 4-pole | | CSC-404PS |
| 10-pole | | CSC-410PS |
| | | TM21CB |
| | | DRL15MM |



| Approval | | |
|--|---------------|------------|
| CE C _{RU} US | | |
| Technical Data | UL | IEC |
| Rated voltage | 300V | 500V |
| Rated current | 50A | 41A |
| Conductor cross-section, solid (AWG/mm ²) | 20~8 / 0.5~6 | |
| Conductor cross-section, flexible (AWG/mm ²) | 20~8 / 0.5~6 | |
| Rated impulse withstand voltage | 6kV | |
| Torque (N•m) | 1.2 | |
| Torque (lb-in) | 10.6 | |
| Screw | M4 | |
| Wire strip length (mm) | 9~11 | |
| W x H x D (mm) | 8 x 37.4 x 30 | |
| Colours | | Cat. No |
| ● Grey | | DM50-GY |
| ● Blue | | DM50-BU |
| ● Black | | DM50-LK |
| Accessories | | Cat. No |
| ● Grey | | DM50-GY-ND |
| ● Blue | | DM50-BU-ND |
| ● Black | | DM50-LK-ND |
| 2-pole | | CSC-602PS |
| 3-pole | | CSC-603PS |
| 4-pole | | CSC-604PS |
| 10-pole | | CSC-610PS |
| | | TM22CB |
| | | DRL15MM |

Block



End Cover



Side Insertion Bridge

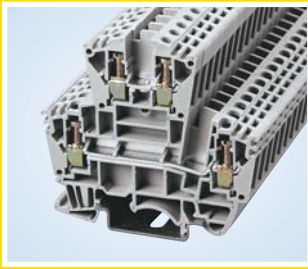


Marking Label



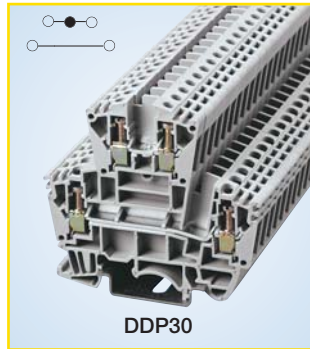
Mounting Rail





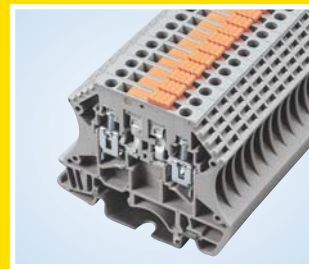
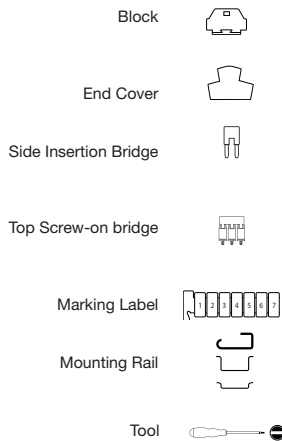
DDP Series

The DDP30 is a two-tier feed through terminal block for space constrained applications with two independent circuits (IEC 60947-7 and UL 1059 compliant). Marking system, side insertion bridge and top screw-on bridge are standard.



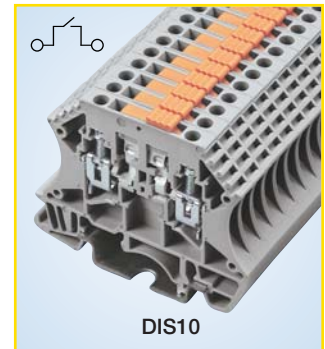
DDP30

| Approval | CE C _{UL} US | |
|--|------------------------------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 300V | 400V |
| Rated current | 30A | 32A |
| Conductor cross-section, solid (AWG/mm ²) | 22~10 / 0.5~4 | |
| Conductor cross-section, flexible (AWG/mm ²) | 22~10 / 0.5~4 | |
| Rated impulse withstand voltage | 6kV | |
| Torque (N•m) | 0.5 | |
| Torque (lb-in) | 4.4 | |
| Screw | M2.5 | |
| Wire strip length (mm) | 6 | |
| W x H x D (mm) | 6.1 x 62.8 x 69.4 | |
| Colours | Cat. No | |
| ● Grey | DDP30-GY | |
| Accessories | Cat. No | |
| ● Grey | DDP30-GY-ND | |
| 2-pole | CSC-402P | |
| 3-pole | CSC-403P | |
| 4-pole | CSC-404P | |
| 10-pole | CSC-410P | |
| 2-pole | DS4-02P | |
| 3-pole | DS4-03P | |
| 4-pole | DS4-04P | |
| 10-pole | DS4-10P | |
| | TM21CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 0.4 x 2.5mm | |



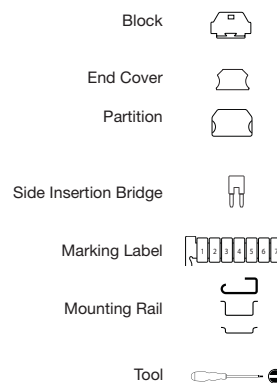
DIS Series

The DIS10 is a disconnect* terminal block. Disconnect terminal blocks offer easy circuit disconnection with just a flick of a screwdriver. IEC 60947-7 and UL 1059 compliant.

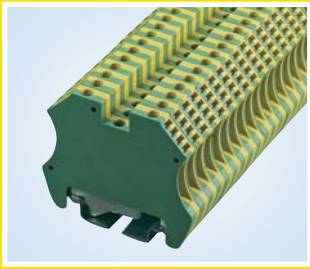


DIS10

| Approval | CE C _{UL} US | |
|--|------------------------------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 300V | 800V |
| Rated current | 10A | 16A |
| Conductor cross-section, solid (AWG/mm ²) | 26~14 / 0.5~2.5 | |
| Conductor cross-section, flexible (AWG/mm ²) | 26~14 / 0.5~2.5 | |
| Rated impulse withstand voltage | 6kV | |
| Torque (N•m) | 0.8 | |
| Torque (lb-in) | 7.1 | |
| Screw | M3 | |
| Wire strip length (mm) | 9~10 | |
| W x H x D (mm) | 5.1 x 46.7 x 59 | |
| Colours | Cat. No | |
| ● Grey | DIS10-GY | |
| Accessories | Cat. No | |
| ● Grey | DP25-GY-ND | |
| | DKSPS-002 | |
| 2-pole | CSC-2-502P | |
| 3-pole | CSC-2-503P | |
| 4-pole | CSC-2-504P | |
| 10-pole | CSC-2-510P | |
| | TM26CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 0.5 x 3mm | |

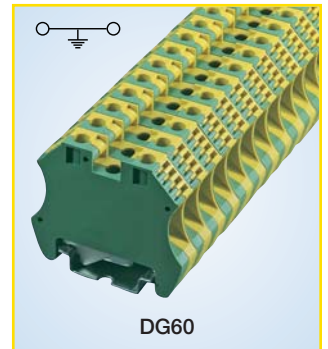
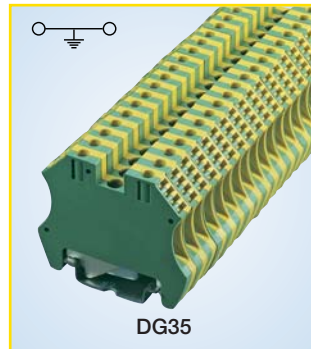
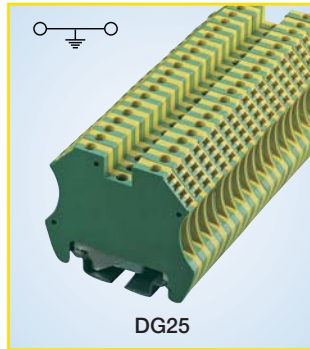


* Not for use as a load break disconnect.



DG Series

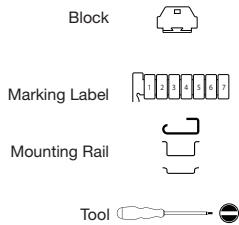
The DG Series grounding DIN-Rail Terminal blocks fit both standard 35mm DIN-Rail and 32mm G-Type rails. Compliant with IEC 60947-7 and UL 1059 standards for worldwide acceptance. These have the same general shape as the DP Series.



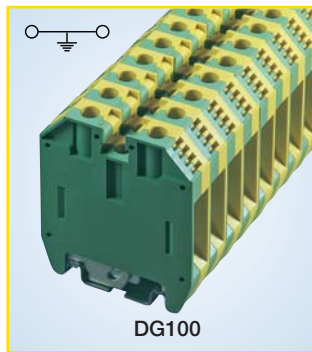
| Approval | CE C _{RU} US | |
|--|------------------------------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 630V |
| Rated current | 24A | |
| Conductor cross-section, solid (AWG/mm ²) | 26~12 / 0.5~2.5 | |
| Conductor cross-section, flexible (AWG/mm ²) | 26~12 / 0.5~2.5 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 0.8 | |
| Torque (lb-in) | 7.1 | |
| Screw | M3 | |
| Wire strip length (mm) | 10~14 | |
| W x H x D (mm) | 5.7 x 46.4 x 56 | |
| Colours | Cat. No | |
| ● Yellow/Green | DG25-YG | |
| Accessories | Cat. No | |
| | TM26CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 0.5 x 3mm | |

| Approval | CE C _{RU} US | |
|--|------------------------------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 630V |
| Rated current | 32A | |
| Conductor cross-section, solid (AWG/mm ²) | 26~10 / 0.5~4 | |
| Conductor cross-section, flexible (AWG/mm ²) | 26~10 / 0.5~4 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 0.8 | |
| Torque (lb-in) | 7.1 | |
| Screw | M3 | |
| Wire strip length (mm) | 12~16 | |
| W x H x D (mm) | 6.6 x 46.4 x 56 | |
| Colours | Cat. No | |
| ● Yellow/Green | DG35-YG | |
| Accessories | Cat. No | |
| | TM27CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 0.5 x 3mm | |

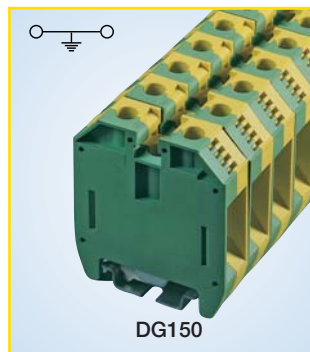
| Approval | CE C _{RU} US | |
|--|------------------------------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 500V |
| Rated current | 57A | |
| Conductor cross-section, solid (AWG/mm ²) | 16~8 / 1.5~10 | |
| Conductor cross-section, flexible (AWG/mm ²) | 16~8 / 1.5~10 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 1.8 | |
| Torque (lb-in) | 15.9 | |
| Screw | M4 | |
| Wire strip length (mm) | 12~16 | |
| W x H x D (mm) | 10.4 x 46.4 x 56 | |
| Colours | Cat. No | |
| ● Yellow/Green | DG60-YG | |
| Accessories | Cat. No | |
| | TM28CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 0.8 x 4mm | |



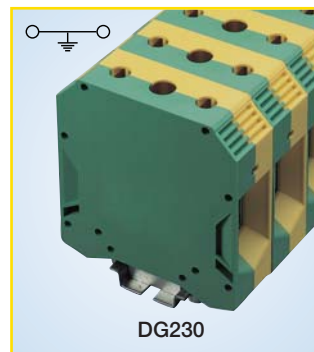
Grounding Blocks - DG Series



DG100



DG150



DG230

| Approval | CE cRU [®] US | |
|--|------------------------------------|-------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 1000V |
| Rated current | 76A | |
| Conductor cross-section, solid (AWG/mm ²) | 14~6 / 2.5~16 | |
| Conductor cross-section, flexible (AWG/mm ²) | 14~6 / 2.5~16 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 3.4 | |
| Torque (lb-in) | 30.1 | |
| Screw | M5 | |
| Wire strip length (mm) | 14~18 | |
| W x H x D (mm) | 12 x 62.4 x 56 | |
| Colours | Cat. No | |
| ● Yellow/Green | DG100-YG | |
| Accessories | Cat. No | |
| | TM28CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 1 x 5.5mm | |

| Approval | CE cRU [®] US | |
|--|------------------------------------|-------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 1000V |
| Rated current | 125A | |
| Conductor cross-section, solid (AWG/mm ²) | 12~2 / 4~35 | |
| Conductor cross-section, flexible (AWG/mm ²) | 12~2 / 4~35 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 5.6 | |
| Torque (lb-in) | 49.6 | |
| Screw | M6 | |
| Wire strip length (mm) | 14~18 | |
| W x H x D (mm) | 16 x 62.4 x 56 | |
| Colours | Cat. No | |
| ● Yellow/Green | DG150-YG | |
| Accessories | Cat. No | |
| | TM28CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 1 x 5.5mm | |

| Approval | CE cRU [®] US | |
|--|------------------------------------|-------|
| Technical Data | UL | IEC |
| Rated voltage | 600V | 1000V |
| Rated current | 232A | |
| Conductor cross-section, solid (AWG/mm ²) | 2 / 35 | |
| Conductor cross-section, flexible (AWG/mm ²) | 2~4/0 / 35~95 | |
| Rated impulse withstand voltage | 8kV | |
| Torque (N•m) | 18 | |
| Torque (lb-in) | 159.3 | |
| Screw | M8 | |
| Wire strip length (mm) | 20~25 | |
| W x H x D (mm) | 25 x 82.93 x 80 | |
| Colours | Cat. No | |
| ● Yellow/Green | DG230-YG | |
| Accessories | Cat. No | |
| | TM28CB | |
| | DRL32MMG DRL35MMHI DRL35MML0 | |
| | 1 x 5.5mm | |

Block



Marking Label

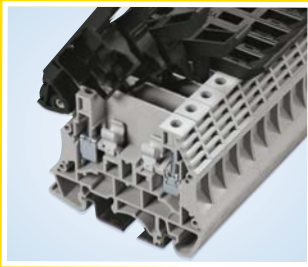


Mounting Rail



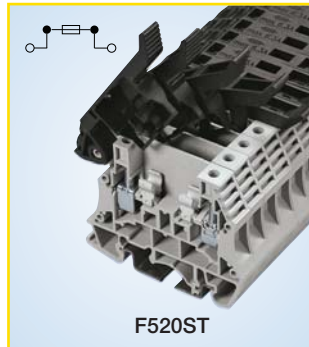
Tool



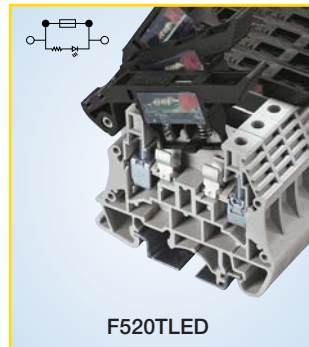


F520 Series

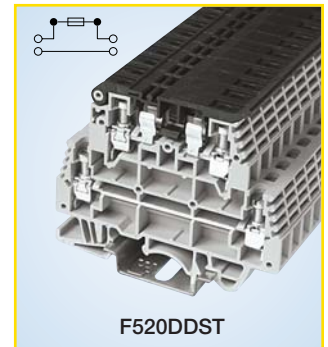
Fuse terminal blocks protect your sensors and relays. Available in lever and screw-cap style, with and without LED indication. Uses standard Cooper Bussmann 5x20mm fuse links.



F520ST



F520TLED



F520DDST

| Approval | CE C RU US | |
|--|---------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 300V | 300V |
| Rated current | 6.3A | 6.3A |
| Conductor cross-section, solid (AWG/mm ²) | 24~12 / 0.5~4 | |
| Conductor cross-section, flexible (AWG/mm ²) | 24~12 / 0.5~4 | |
| Rated impulse withstand voltage | 6kV | |
| Torque (N•m) | 0.8 | |
| Torque (lb-in) | 7.1 | |
| Screw | M3 | |
| Wire strip length (mm) | 10~12 | |
| W x H x D (mm) | 8 x 55.7 x 56 | |

| Colours | Cat. No |
|---------|-----------|
| ● Grey | F520ST-GY |

| Accessories | Cat. No |
|------------------|------------------------------------|
| ● Grey End Cover | F520-GY-ND |
| 2-pole | CSC-602PN |
| 3-pole | CSC-603PN |
| 4-pole | CSC-604PN |
| 10-pole | CSC-610PN |
| | TM28CB |
| | DRL32MMG DRL35MMHI DRL35MML0 |
| | 0.5 x 3mm |

| Approval | CE C RU US | |
|--|---------------|------|
| Technical Data | UL | IEC |
| Rated voltage | 300V | 300V |
| Rated current | 6.3A | 6.3A |
| Conductor cross-section, solid (AWG/mm ²) | 24~12 / 0.5~4 | |
| Conductor cross-section, flexible (AWG/mm ²) | 24~12 / 0.5~4 | |
| Rated impulse withstand voltage | 6kV | |
| Torque (N•m) | 0.8 | |
| Torque (lb-in) | 7.1 | |
| Screw | M3 | |
| Wire strip length (mm) | 10~12 | |
| W x H x D (mm) | 8 x 55.7 x 56 | |

| Colours | Voltage | Cat. No |
|---------|---------|-----------------|
| ● Grey | 5V | F520STLED5-GY |
| ● Grey | 12V | F520STLED12-GY |
| ● Grey | 24V | F520STLED24-GY |
| ● Grey | 48V | F520STLED48-GY |
| ● Grey | 110V | F520STLED110-GY |
| ● Grey | 220V | F520STLED220-GY |
| ● Grey | 300V | F520STLED300-GY |

| Accessories | Cat. No |
|------------------|------------------------------------|
| ● Grey End Cover | F520-GY-ND |
| 2-pole | CSC-602PN |
| 3-pole | CSC-603PN |
| 4-pole | CSC-604PN |
| 10-pole | CSC-610PN |
| | TM28CB |
| | DRL32MMG DRL35MMHI DRL35MML0 |
| | 0.5 x 3mm |

| Approval | CE C RU US | |
|--|--|--|
| Technical Data | UL | IEC |
| Rated voltage | 300V ⁽¹⁾ | 300V |
| Rated current | 16A ⁽²⁾ 30A ⁽³⁾ | 16A ⁽²⁾ 30A ⁽³⁾ |
| Conductor cross-section, solid (AWG/mm ²) | 22~10 / 0.5~4 | |
| Conductor cross-section, flexible (AWG/mm ²) | 22~10 / 0.5~4 | |
| Rated impulse withstand voltage | 6kV | |
| Torque (N•m) | 0.67 | |
| Torque (lb-in) | 5.9 | |
| Screw | M3.5 | |
| Wire strip length (mm) | 10~12 | |
| W x H x D (mm) | 8 x 60.5 x 72.5 | |

| Colours | Cat. No |
|---------|-------------|
| ● Grey | F520DDST-GY |

| Accessories | Cat. No |
|-------------|------------------------------------|
| ● Grey | F520DD-GY-ND |
| | TM28CB |
| | DRL32MMG DRL35MMHI DRL35MML0 |
| | 0.5 x 3mm |

Block



End Cover



Side Insertion Bridge



Marking Label



Mounting Rail

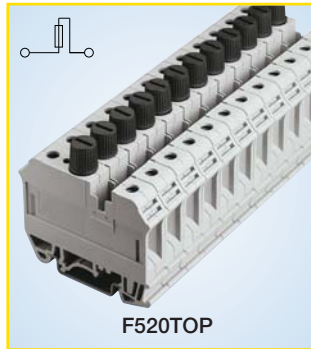


Tool



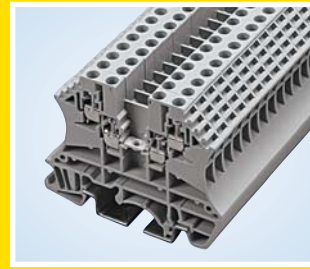
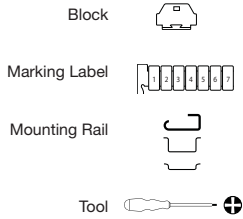
1) UL 600V/5A
2) Upper Level
3) Lower Level

Fuse Holder Blocks - F520 Series Internally Jumpered Blocks



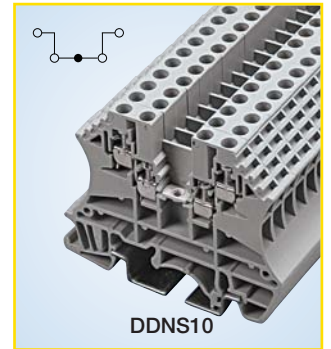
F520TOP

| Approval | | CE | UL | US |
|--|--|------------------------------------|------|----|
| Technical Data | | UL | IEC | |
| Rated voltage | | 600V | 660V | |
| Rated current | | 6.3A | 6.3A | |
| Conductor cross-section, solid (AWG/mm ²) | | 22~6 / 1.5~10 | | |
| Conductor cross-section, flexible (AWG/mm ²) | | 22~6 / 1.5~10 | | |
| Rated impulse withstand voltage | | 6kV | | |
| Torque (N•m) | | 1.8 | | |
| Torque (lb-in) | | 15.9 | | |
| Screw | | M4 | | |
| Wire strip length (mm) | | 12~16 | | |
| W x H x D (mm) | | 12 x 47.2 x 61.6 | | |
| Colours | | Cat. No | | |
| ● Grey | | F520TOP-GY | | |
| Accessories | | Cat. No | | |
| | | TM20CB | | |
| | | DRL32MMG DRL35MMHI DRL35MML0 | | |
| | | 0.6 x 3.5mm | | |



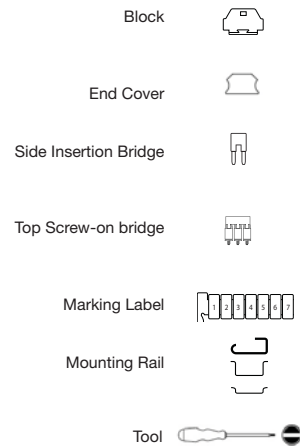
DDNS Series

The DDNS10 is an internally jumpered terminal block. Internally jumpered double-level terminal blocks provide high-density power distribution in 3-in/1-out or 2-in/2-out or 1-in/3-out options with a single block. Add top and side insertion bridges to achieve any connection topology. IEC 60947-7 and UL 1059 compliant.



DDNS10

| Approval | | CE | UL | US |
|--|--|------------------------------------|-------|----|
| Technical Data | | UL | IEC | |
| Rated voltage | | 300V | 630V | |
| Rated current | | 10A | 17.5A | |
| Conductor cross-section, solid (AWG/mm ²) | | 22~14 / 0.5~1.5 | | |
| Conductor cross-section, flexible (AWG/mm ²) | | 22~14 / 0.5~1.5 | | |
| Rated impulse withstand voltage | | 8kV | | |
| Torque (N•m) | | 0.4 | | |
| Torque (lb-in) | | 3.5 | | |
| Screw | | M2.5 | | |
| Wire strip length (mm) | | 6~7 | | |
| W x H x D (mm) | | 5.1 x 46.8 x 58.9 | | |
| Colors | | Cat. No | | |
| ● Grey | | DDNS10-GY | | |
| Accessories | | Cat. No | | |
| ● Grey | | DDNS10-GY-ND | | |
| 2-pole | | CSC-2-502P | | |
| 3-pole | | CSC-2-503P | | |
| 4-pole | | CSC-2-504P | | |
| 10-pole | | CSC-2-510P | | |
| 2-pole | | DS2-5-02P | | |
| 3-pole | | DS2-5-03P | | |
| 4-pole | | DS2-5-04P | | |
| 10-pole | | DS2-5-10P | | |
| | | TM26CB | | |
| | | DRL32MMG DRL35MMHI DRL35MML0 | | |
| | | 0.4 x 2.5mm | | |

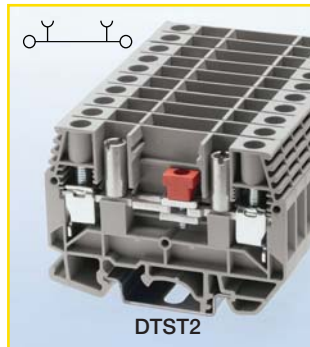




DTST2 Series

Test Terminal Blocks

Test terminal blocks with convenient test sockets, plugs, jumpers and accessories to make your circuit troubleshooting easy.



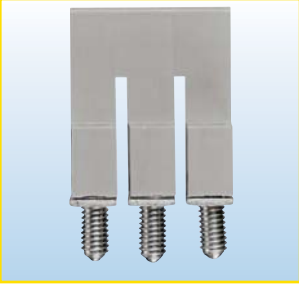
| Approval | | CE | C | UL | US |
|--|--|------------------|------|----|----|
| Technical Data | | UL | IEC | | |
| Rated voltage | | 300/600V | 660V | | |
| Rated current | | 48A/5A | 41A | | |
| Conductor cross-section, solid (AWG/mm ²) | | 20~8 / 0.5~6 | | | |
| Conductor cross-section, flexible (AWG/mm ²) | | 20~8 / 0.5~6 | | | |
| Rated impulse withstand voltage | | 6kV | | | |
| Torque (N•m) | | 2 | | | |
| Torque (lb-in) | | 17.7 | | | |
| Screw | | M4 | | | |
| Wire strip length (mm) | | 8 | | | |
| W x H x D (mm) | | 8 x 65.6 x 47.5 | | | |
| Colors | | Cat. No | | | |
| ● Grey | | DTST2-GY | | | |
| Accessories | | | | | |
| ● Grey | | DTST-GY-ND | | | |
| | | DKSPS-006 | | | |
| | | 2-pole DS6A02 | | | |
| | | 3-pole DS6A03 | | | |
| | | C002-0101-BK | | | |
| | | C002-0101-RD | | | |
| | | DS6S1-BK | | | |
| | | DS6S1-OR | | | |
| | | DS6S1-YW | | | |
| | | DS6S1-RD | | | |
| | | C002-0201 | | | |
| | | C002-0301 | | | |
| | | 2-pole CSC-602P | | | |
| | | 3-pole CSC-603P | | | |
| | | 4-pole CSC-604P | | | |
| | | 10-pole CSC-610P | | | |
| | | 2-pole DS6-02P | | | |
| | | 3-pole DS6-03P | | | |
| | | 4-pole DS6-04P | | | |
| | | 10-pole DS6-10P | | | |
| | | TM28CB | | | |
| | | DRL32MMG | | | |
| | | DRL35MMHI | | | |
| | | DRL35MML0 | | | |
| | | 0.6 x 3.5mm | | | |

- Block
- Partition
- Jumper Slide
- Test Plug
- Screw
- Connection Sleeve
- Connection Socket
- Side insertion bridge
- Top screw-on bridge
- Marking Label
- Mounting Rail
- Tool



Top Screw-On Bridges

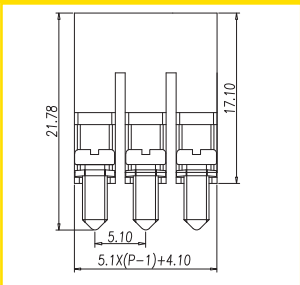
DS2-5-XXP



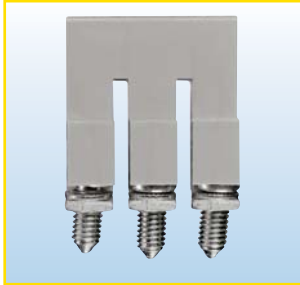
Use with DP25 DG25
DDNS10

Poles (XX) 02,03,04,10

Dimensions - mm



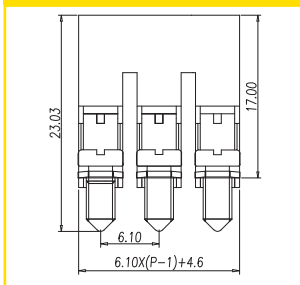
DS4-XXP



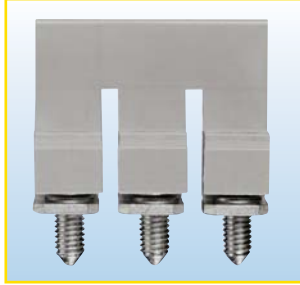
Use with DP35 DDP30

Poles (XX) 02,03,04,10

Dimensions - mm



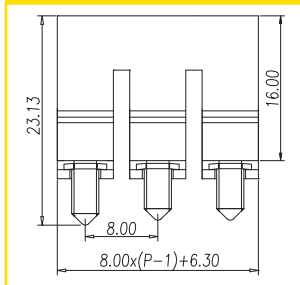
DS6-XXP



Use with DP45 DTST2

Poles (XX) 02,03,04,10

Dimensions - mm



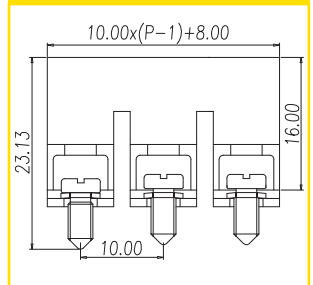
DS10-XXP



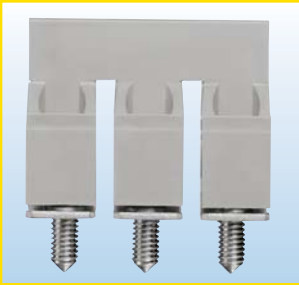
Use with DP60

Poles (XX) 02,03,04,10

Dimensions - mm



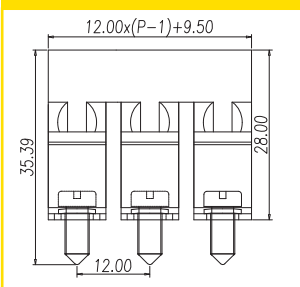
DS16-XXP



Use with DP100

Poles (XX) 02,03,04,10

Dimensions - mm



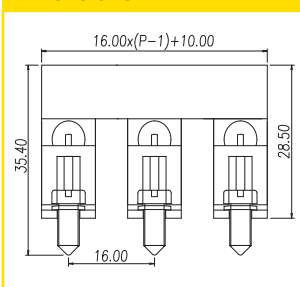
DS35-XXP



Use with DP150

Poles (XX) 02,03,04,10

Dimensions - mm



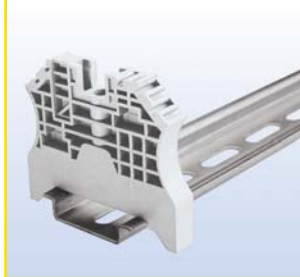
End Brackets

BRKT-ND



Use with DRL35MMHI
DRL35MML0

BRKT-NDSCRW



Use with DRL35MMHI
DRL35MML0

| | |
|----------------|-----|
| Torque (N•m) | 0.5 |
| Torque (lb-in) | 4.4 |
| Screw | M3 |

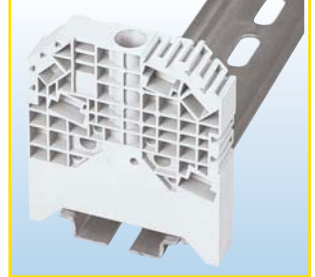
BRKT-NDSCRW2



Use with DRL35MMHI
DRL35MML0

| | |
|----------------|------|
| Torque (N•m) | 0.78 |
| Torque (lb-in) | 6.9 |
| Screw | M3 |

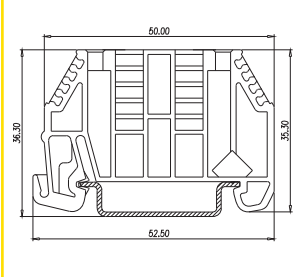
BRKT-NDSCRW3



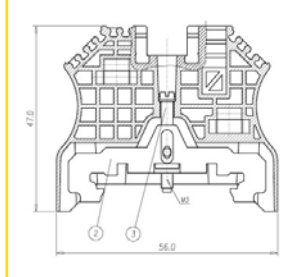
Use with DRL35MMHI
DRL35MML0

| | |
|----------------|------|
| Torque (N•m) | 1.8 |
| Torque (lb-in) | 15.9 |
| Screw | M4 |

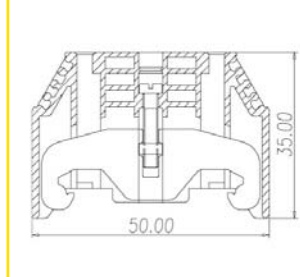
Dimensions - mm



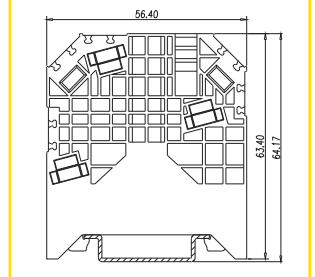
Dimensions - mm



Dimensions - mm



Dimensions - mm



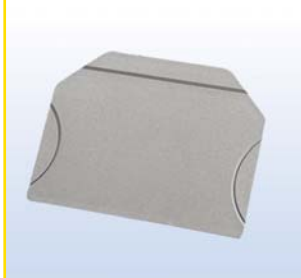
Partition Plates

DKSPS-001



Use with DP25 DP35
DP45 DP60

DKSPS-002



Use with DP25 DP35
DP45 DP60
DIS10

DKSPS-006



Use with DTST2

DKNSPS-001



Use with DS20 DS30

DKNSPS-002



Use with DS50

DKNSPS-003



Use with DP100

DKNSPS-004



Use with DP150

Accessories

Jumper Slides

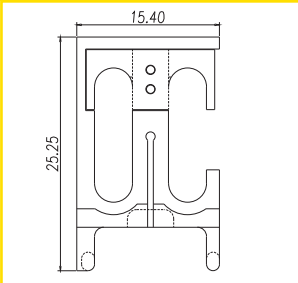
DS6A02



Use with DTST2

Poles 02

Dimensions - mm



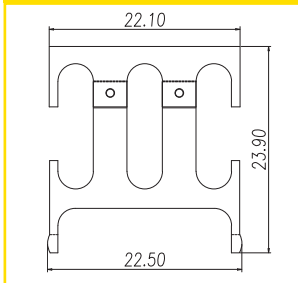
DS6A03



Use with DTST2

Poles 03

Dimensions - mm



Top Insertion Bridges

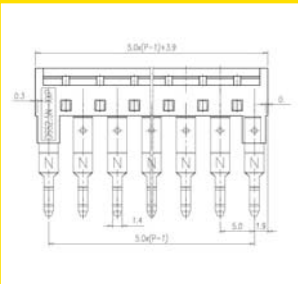
DSS2-5N-XXP



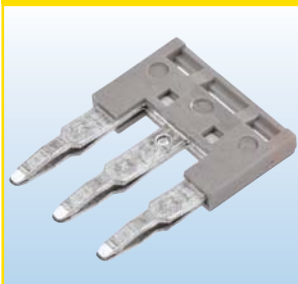
Use with DS20

Poles (XX) 02,03,04,10

Dimensions - mm



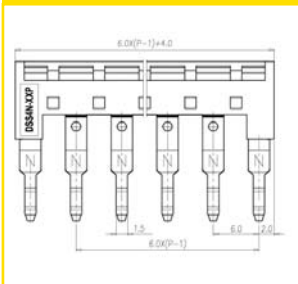
DSS4N-XXP



Use with DS30

Poles (XX) 02,03,04,10

Dimensions - mm



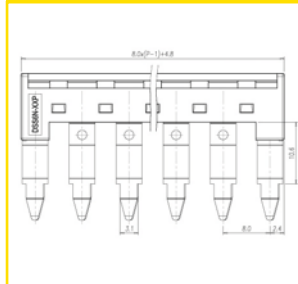
DSS6N-XXP



Use with DS50

Poles (XX) 02,03,04,10

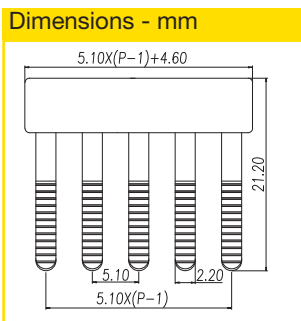
Dimensions - mm



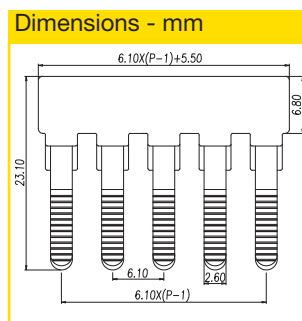
Side Insertion Bridges



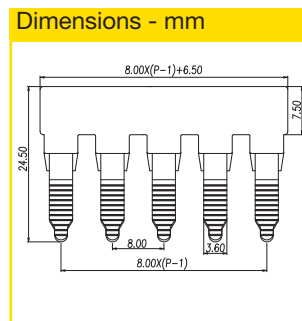
Use with DP25 DIS10
DDNS10
Poles (XX) 02, 03, 04, 10



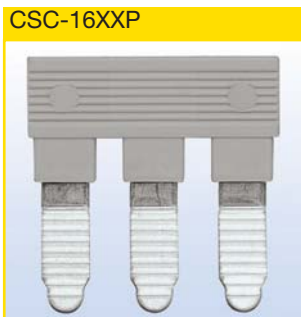
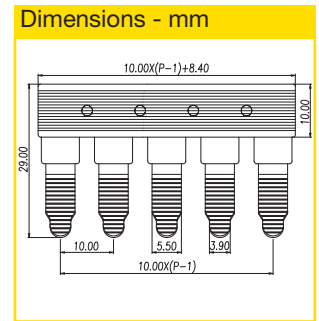
Use with DP35 DDP30
Poles (XX) 02, 03, 04, 10



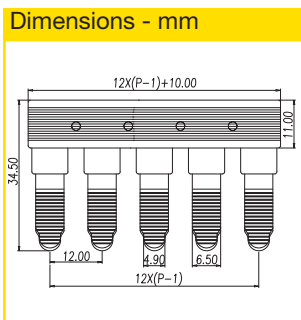
Use with DTST2 DP45
Poles (XX) 02, 03, 04, 10



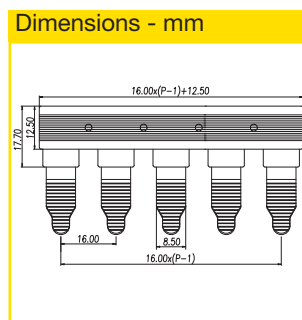
Use with DP60
Poles (XX) 02, 03, 04, 10



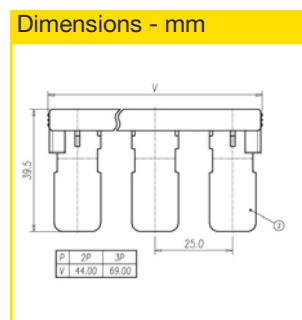
Use with DP100
Poles (XX) 02, 03, 04, 10



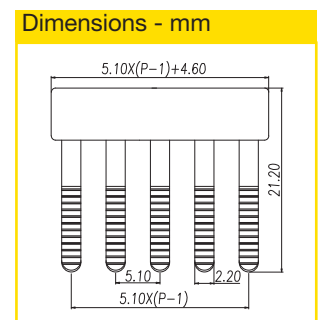
Use with DP150
Poles (XX) 02, 03, 04, 10



Use with DP230
Poles (XX) 02,03,04,10

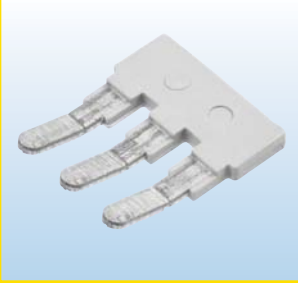


Use with DS20
Poles (XX) 02, 03, 04, 10



Side Insertion Bridges

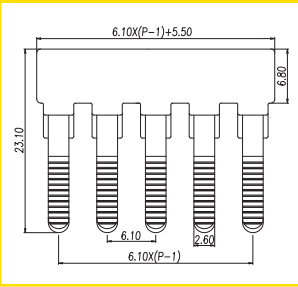
CSC-4XXPN



Use with DS30

Poles (XX) 02, 03, 04, 10

Dimensions - mm



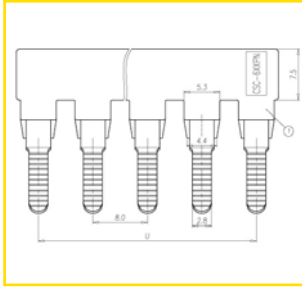
CSC-6XXPN



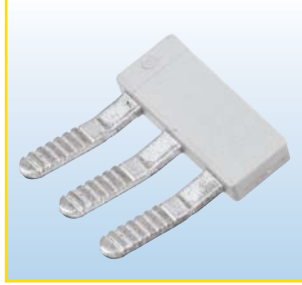
Use with DS50

Poles (XX) 02, 03, 04, 10

Dimensions - mm



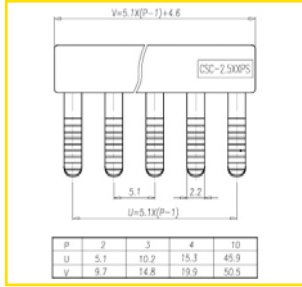
CSC-2-5XXPS



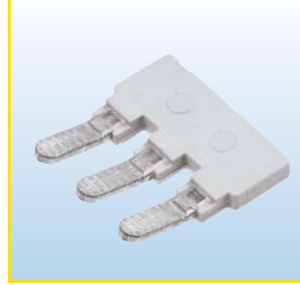
Use with DM20

Poles (XX) 02, 03, 04, 10

Dimensions - mm



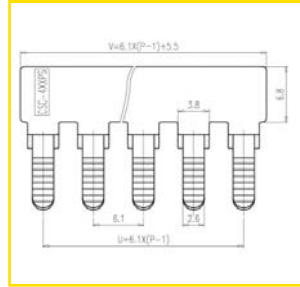
CSC-4XXPS



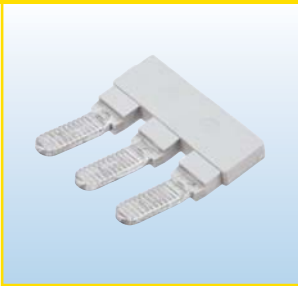
Use with DM30

Poles (XX) 02, 03, 04, 10

Dimensions - mm



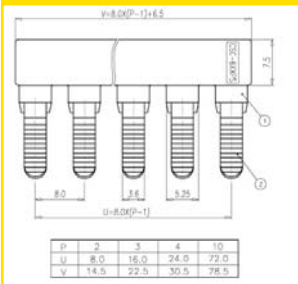
CSC-6XXPS



Use with DM50

Poles (XX) 02, 03, 04, 10

Dimensions - mm

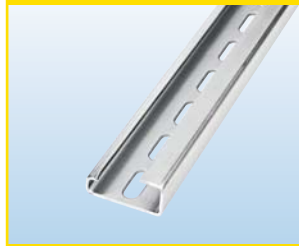


Mounting Rails

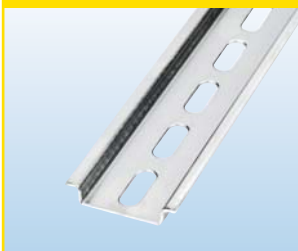
DRL15MM*
(15MM DIN-Rail)



DRL32MMG*
(32MM Type G)



DRL35MML0*
(35MM DIN-Rail - Low-Profile)



DRL35MMHI*
(35MM DIN-Rail - High Profile)



* Available in 1 Metre lengths only



BussScribe MARKING SYSTEM

DPLT-001SET PLOTTER SET



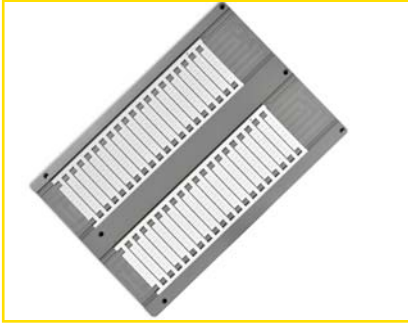
Description

- Pen is installed manually
- USB interface to PC
- 110-240Vac power supply
- WINDOWS® Operation system

System Kit Includes

- Plotter Pens
- Support Plate
- Software
- Plotter
- Power Supplies
- USB Cable

DPLT-SPLT SUPPORT PLATE



Description

Support plate adjustable to accommodate various sizes of marking labels. The support plate is universal and suitable for TM2xCB marking label series.

Each plotter set includes one support plate, additional plates are available separately.

PLOTTER PEN

DPLT-PEN (Tip 0.25mm) / DPLT-PEN2 (Tip 0.35mm)



Description

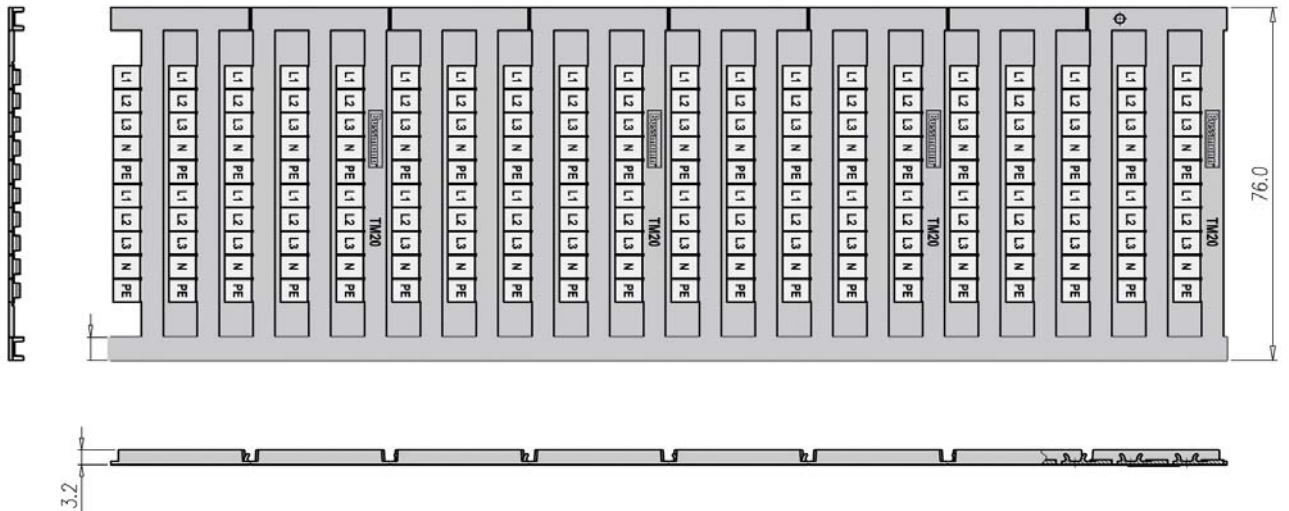
Disposable black ink pen.
Single pen per pack.

Marking Label Selection Chart

| Part Number | Length (mm) | Width (mm) | Line x Row | Number of Tags | Applicable Block Part Numbers |
|-------------|-------------|------------|------------|----------------|--|
| TM20CB | 5.8 | 5.1 | 20 x 10 | 200 | F20T0P, DM20 |
| TM21CB | 5.8 | 6.1 | 20 x 10 | 200 | DDP30, DM30 |
| TM22CB | 5.8 | 8 | 20 x 8 | 160 | DM50 |
| TM26CB | 12 | 5.1 | 12 x 12 | 144 | DS20, DP25, DG25, DDNS10, DIS10 |
| TM27CB | 12 | 6.1 | 12 x 10 | 120 | DS30, DP35, DG35 |
| TM28CB | 12 | 8 | 12 x 7 | 84 | DS50, DP45, DP60, DP100, DP150, DP230, DG60, DG100, DG150, DG230, F520ST, F520STLED, F520DDST, DTST2 |

Example: TM20CB-DH01, Horizontal Marking - L1, L2, L3, N, PE

TM20CB Series - mm



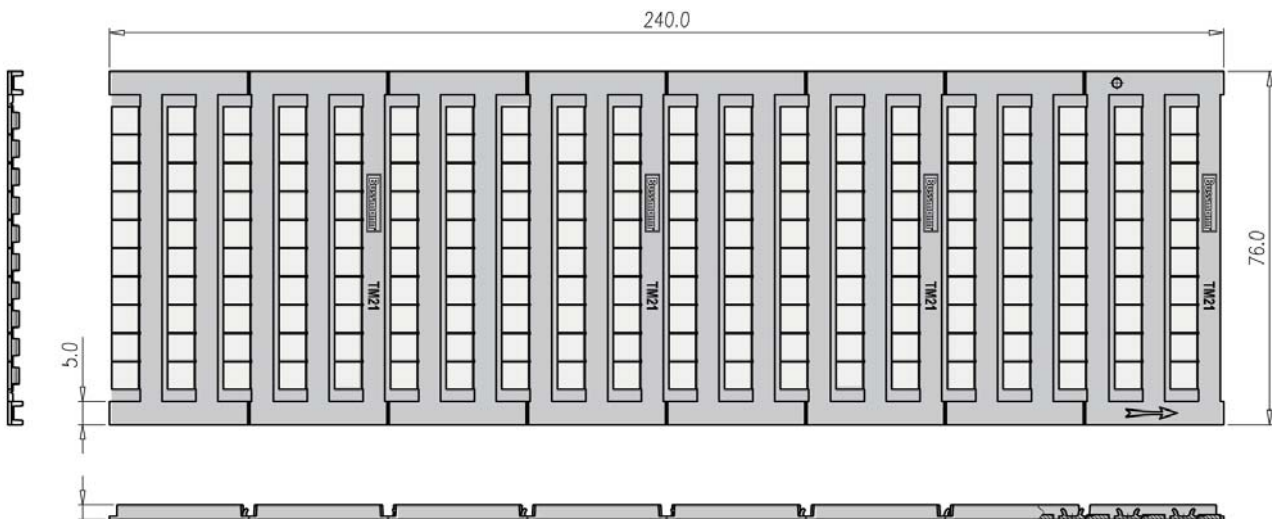
TM20CB

| Part Numbers | Descriptions |
|--------------|---|
| TM20CB | Marking label, blank |
| TM20CB-DH01 | Marking label, horizontal (L1, L2, L3, N, PE repeated 40 times) |
| TM20CB-DH02 | Marking label, horizontal (L1, L2, L3,N) repeated 40 times |
| TM20CB-FH01 | Marking label, horizontal, 1 to 10, repeated in 20 lines |
| TM20CB-FH02 | Marking label, horizontal, 11 to 20, repeated in 20 lines |
| TM20CB-FH03 | Marking label, horizontal, 21 to 30, repeated in 20 lines |
| TM20CB-FH04 | Marking label, horizontal, 31 to 40, repeated in 20 lines |
| TM20CB-FH05 | Marking label, horizontal, 41 to 50, repeated in 20 lines |
| TM20CB-EH01 | Marking label, horizontal, 1 to 50, repeated in 4 sets |
| TM20CB-EH02 | Marking label, horizontal, 51 to 100, repeated in 4 sets |
| TM20CB-DV01 | Marking label, vertical (L1, L2, L3, N, PE) repeated 40 times |
| TM20CB-DV02 | Marking label, vertical, (L1, L2, L3, N) repeated 40 times |
| TM20CB-FV01 | Marking label, vertical, 1 to 10, repeated in 20 lines |
| TM20CB-FV02 | Marking label, vertical, 11 to 20, repeated in 20 lines |
| TM20CB-EV01 | Marking label, vertical, 1 to 50, repeated in 4 sets |

TM21CB

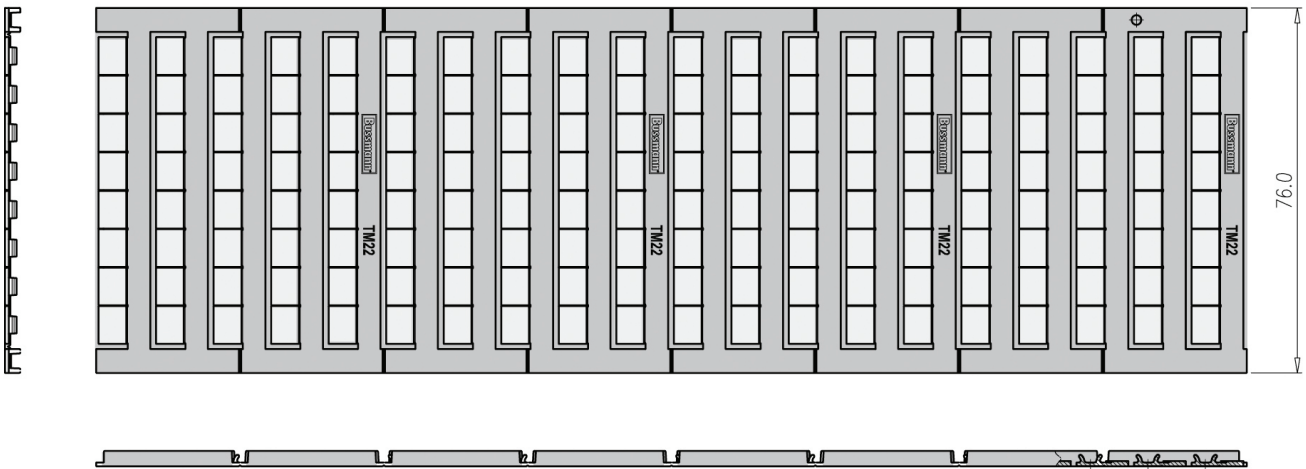
| Part Numbers | Descriptions |
|--------------|---|
| TM21CB | Marking label, blank |
| TM21CB-DH01 | Marking label, horizontal (L1, L2, L3, N, PE repeated 40 times) |
| TM21CB-DH02 | Marking label, horizontal (L1, L2, L3,N) repeated 40 times |
| TM21CB-FH01 | Marking label, horizontal, 1 to 10, repeated in 20 lines |
| TM21CB-FH02 | Marking label, horizontal, 11 to 20, repeated in 20 lines |
| TM21CB-FH03 | Marking label, horizontal, 21 to 30, repeated in 20 lines |
| TM21CB-FH04 | Marking label, horizontal, 31 to 40, repeated in 20 lines |
| TM21CB-FH05 | Marking label, horizontal, 41 to 50, repeated in 20 lines |
| TM21CB-EH01 | Marking label, horizontal, 1 to 50, repeated in 4 sets |
| TM21CB-EH02 | Marking label, horizontal, 51 to 100, repeated in 4 sets |
| TM21CB-DV01 | Marking label, vertical (L1, L2, L3, N, PE) repeated 40 times |
| TM21CB-DV02 | Marking label, vertical, (L1, L2, L3, N) repeated 40 times |
| TM21CB-FV01 | Marking label, vertical, 1 to 10, repeated in 20 lines |
| TM21CB-FV02 | Marking label, vertical, 11 to 20, repeated in 20 lines |
| TM21CB-EV01 | Marking label, vertical, 1 to 50, repeated in 4 sets |

TM21CB Series - mm



Marking Label Ordering Method (typical)

TM22CB Series - mm



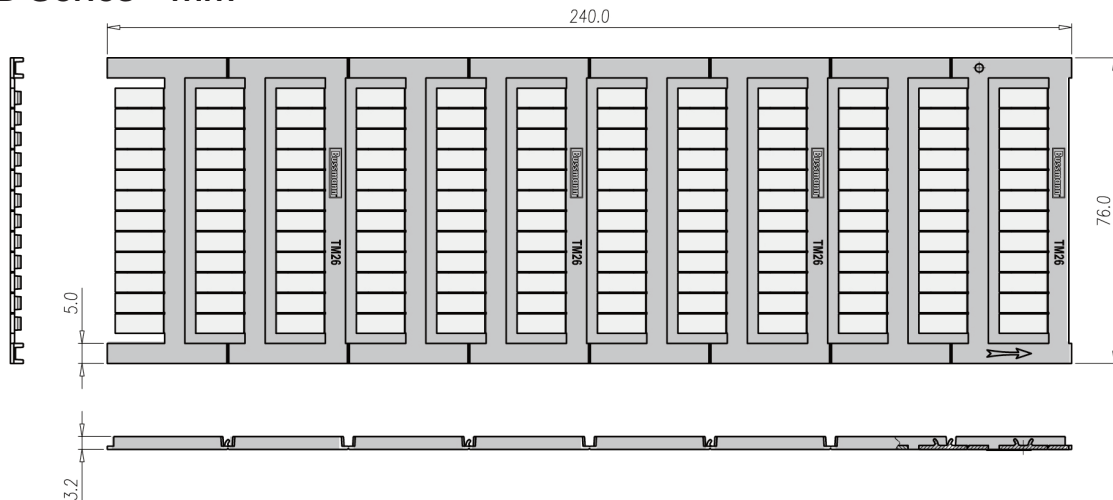
TM22CB

| Part Numbers | Descriptions |
|--------------|---|
| TM22CB | Marking label, blank |
| TM22CB-DH01 | Marking label, horizontal (L1, L2, L3, N, PE repeated 30 times) |
| TM22CB-DH02 | Marking label, horizontal (L1, L2, L3,N) repeated 40 times |
| TM22CB-FH01 | Marking label, horizontal, 1 to 10, repeated in 16 lines |
| TM22CB-FH02 | Marking label, horizontal, 11 to 20, repeated in 16 lines |
| TM22CB-FH03 | Marking label, horizontal, 21 to 30, repeated in 16 lines |
| TM22CB-FH04 | Marking label, horizontal, 31 to 40, repeated in 16 lines |
| TM22CB-FH05 | Marking label, horizontal, 41 to 50, repeated in 16 lines |
| TM22CB-EH01 | Marking label, horizontal, 1 to 50, repeated in 3 sets |
| TM22CB-EH02 | Marking label, horizontal, 51 to 100, repeated in 3 sets |
| TM22CB-DV01 | Marking label, vertical (L1, L2, L3, N, PE) repeated 30 times |
| TM22CB-DV02 | Marking label, vertical, (L1, L2, L3, N) repeated 40 times |
| TM22CB-FV01 | Marking label, vertical, 1 to 10, repeated in 16 lines |
| TM22CB-FV02 | Marking label, vertical, 11 to 20, repeated in 16 lines |
| TM22CB-EV01 | Marking label, vertical, 1 to 50, repeated in 3 sets |

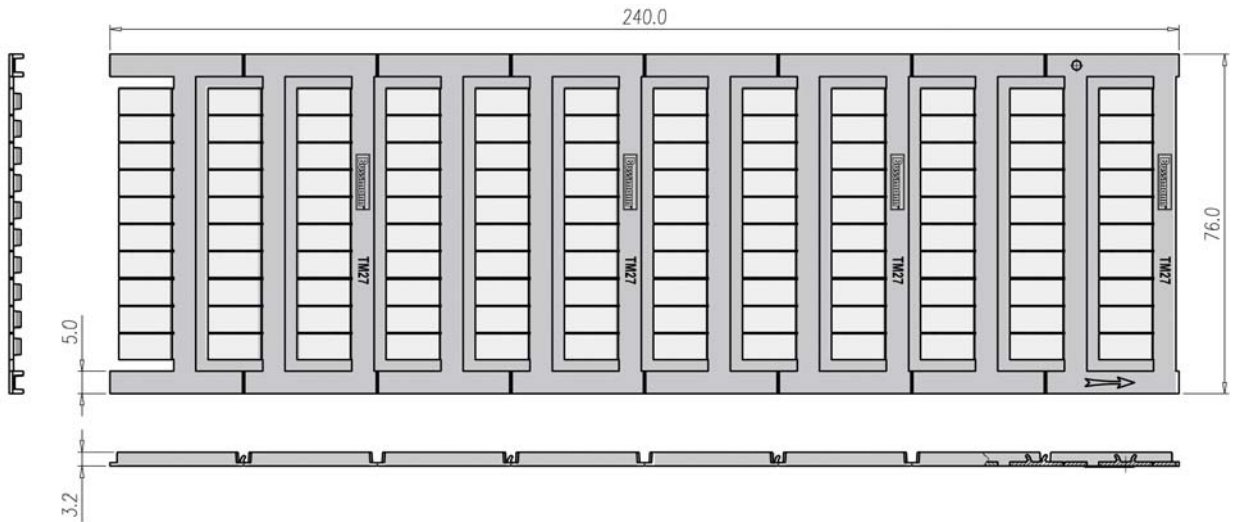
TM26CB

| Part Numbers | Descriptions |
|--------------|---|
| TM26CB | Marking label, blank |
| TM26CB-DH01 | Marking label, horizontal (L1, L2, L3, N, PE) repeated 24 times |
| TM26CB-DH02 | Marking label, horizontal (L1, L2, L3,N) repeated 36 times |
| TM26CB-FH01 | Marking label, horizontal, 1 to 10, repeated in 12 lines |
| TM26CB-FH02 | Marking label, horizontal, 11 to 20, repeated in 12 lines |
| TM26CB-FH03 | Marking label, horizontal, 21 to 30, repeated in 12 lines |
| TM26CB-FH04 | Marking label, horizontal, 31 to 40, repeated in 12 lines |
| TM26CB-FH05 | Marking label, horizontal, 41 to 50, repeated in 12 lines |
| TM26CB-EH01 | Marking label, horizontal, 1 to 50, repeated in 2 sets |
| TM26CB-EH02 | Marking label, horizontal, 51 to 100, repeated in 2 sets |
| TM26CB-DV01 | Marking label, vertical (L1, L2, L3, N, PE) repeated 24 times |
| TM26CB-DV02 | Marking label, vertical, (L1, L2, L3, N) repeated 36 times |
| TM26CB-FV01 | Marking label, vertical, 1 to 10, repeated in 12 lines |
| TM26CB-FV02 | Marking label, vertical, 11 to 20, repeated in 12 lines |
| TM26CB-EV01 | Marking label, vertical, 1 to 50, repeated in 2 sets |

TM26CB Series - mm



TM27CB Series - mm



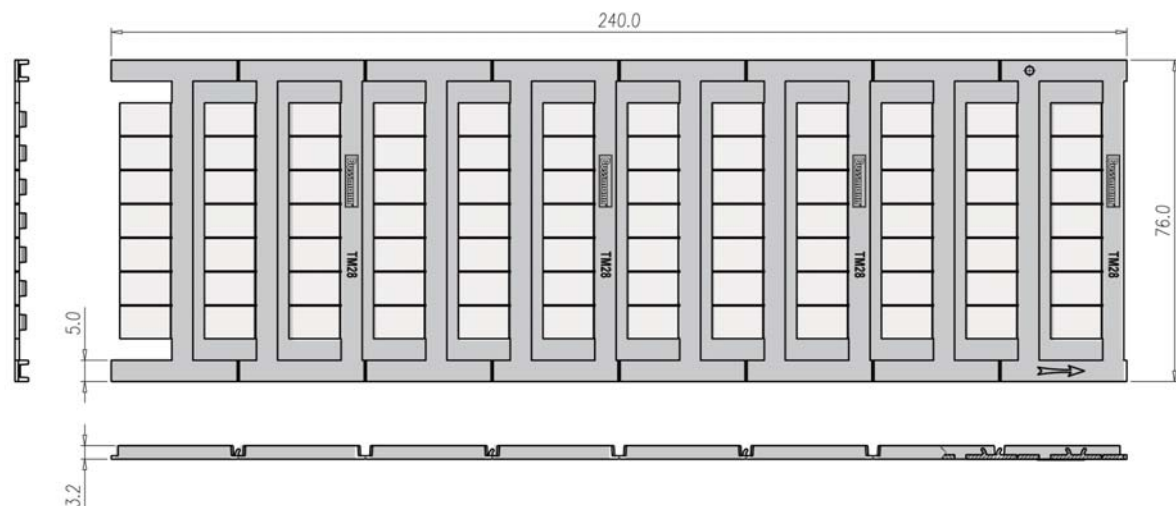
TM27CB

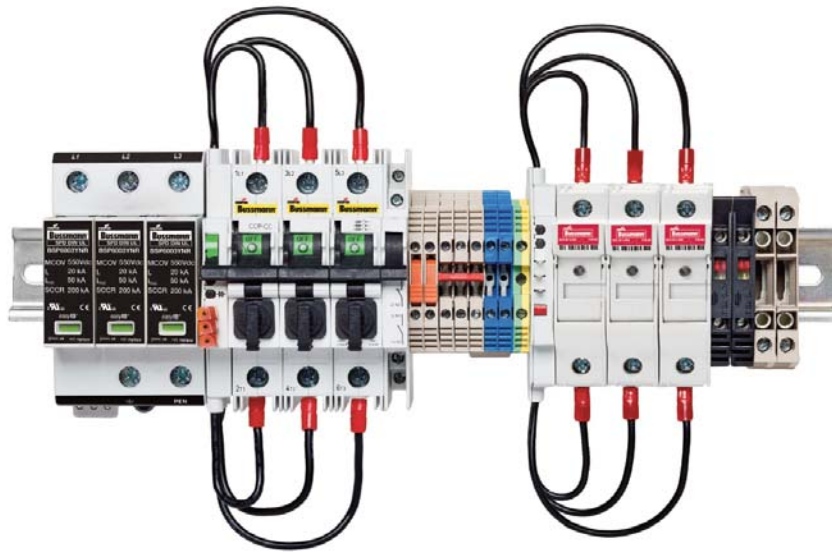
| Part Numbers | Descriptions |
|--------------|---|
| TM27CB | Marking label, blank |
| TM27CB-DH01 | Marking label, horizontal (L1, L2, L3, N, PE repeated 24 times) |
| TM27CB-DH02 | Marking label, horizontal (L1, L2, L3, N) repeated 24 times |
| TM27CB-FH01 | Marking label, horizontal, 1 to 10, repeated in 12 lines |
| TM27CB-FH02 | Marking label, horizontal, 11 to 20, repeated in 12 lines |
| TM27CB-FH03 | Marking label, horizontal, 21 to 30, repeated in 12 lines |
| TM27CB-FH04 | Marking label, horizontal, 31 to 40, repeated in 12 lines |
| TM27CB-FH05 | Marking label, horizontal, 41 to 50, repeated in 12 lines |
| TM27CB-EH01 | Marking label, horizontal, 1 to 50, repeated in 2 sets |
| TM27CB-EH02 | Marking label, horizontal, 51 to 100, repeated in 2 sets |
| TM27CB-DV01 | Marking label, vertical (L1, L2, L3, N, PE) repeated 24 times |
| TM27CB-DV02 | Marking label, vertical, (L1, L2, L3, N) repeated 24 times |
| TM27CB-FV01 | Marking label, vertical, 1 to 10, repeated in 12 lines |
| TM27CB-FV02 | Marking label, vertical, 11 to 20, repeated in 12 lines |
| TM27CB-EV01 | Marking label, vertical, 1 to 50, repeated in 2 sets |

TM28CB

| Part Numbers | Descriptions |
|--------------|---|
| TM28CB | Marking label, blank |
| TM28CB-DH01 | Marking label, horizontal (L1, L2, L3, N, PE) repeated 12 times |
| TM28CB-DH02 | Marking label, horizontal (L1, L2, L3, N) repeated 20 times |
| TM28CB-FH01 | Marking label, horizontal, 1 to 10, repeated in 8 lines |
| TM28CB-FH02 | Marking label, horizontal, 11 to 20, repeated in 8 lines |
| TM28CB-FH03 | Marking label, horizontal, 21 to 30, repeated in 8 lines |
| TM28CB-FH04 | Marking label, horizontal, 31 to 40, repeated in 8 lines |
| TM28CB-FH05 | Marking label, horizontal, 41 to 50, repeated in 8 lines |
| TM28CB-EH01 | Marking label, horizontal, 1 to 50, repeated in 1 set |
| TM28CB-EH02 | Marking label, horizontal, 51 to 100, repeated in 1 set |
| TM28CB-DV01 | Marking label, vertical (L1, L2, L3, N, PE) repeated 12 times |
| TM28CB-DV02 | Marking label, vertical, (L1, L2, L3, N) repeated 20 times |
| TM28CB-FV01 | Marking label, vertical, 1 to 10, repeated in 8 lines |
| TM28CB-FV02 | Marking label, vertical, 11 to 20, repeated in 8 lines |
| TM28CB-EV01 | Marking label, vertical, 1 to 50, repeated in 1 set |

TM28CB Series - mm





Modular Fuse Holders



Modular fuse holders for Class CC, 10x38 and Class J fuse links for remote PLC indication. Also available in size 14x51 and 22x58mm.

See page 27 - 31

NH Bases



Complete range of NH Bases to be used with 400, 500 and 690V NH gG and aM fuse links.

Available as DIN-Rail and/or screw mounting.

See page 33

Compact Circuit Protectors (CCP)



At 1/3 the space required by a molded case circuit breaker, the CCP saves space in your panel. High SCCR DIN-Rail mounted electrical disconnect.

See page 32

Surge Protective Devices



Full range of SPDs for Solar, IEC, UL high SCCR, Wind and Low Voltage AC/DC Power and Control applications.

Industry's only true, UL 1449 3rd Edition compliant overvoltages protectors.

See page 34 - 35



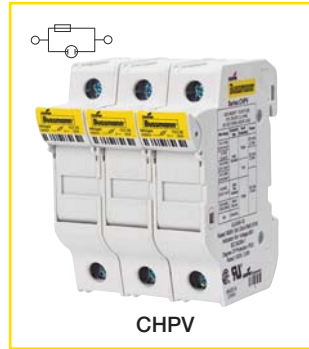
CH Series

With a wide wire range and industry leading ratings - up to 32A, 1000V, 200kA SCCR - the new CH Series provide worldwide acceptance and easy specification - including the latest PV fuse holder standard: IEC 60269-1, -2 and UL4248-18. Use with midget, 10x38, PV or Class CC fuse links. Also certified to CCC standard (China Compulsory Certificate).

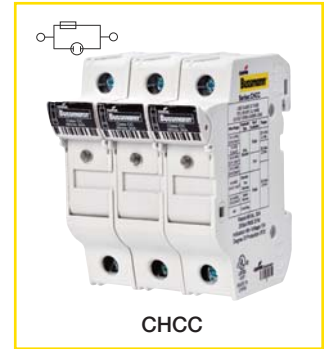
See brochure MFBRO0312



CHM



CHPV



CHCC

| | Approval | | Approval | | Approval | |
|--|--------------------------------------|--|--------------------------------------|----------------------------------|--------------------------------------|---|
| Technical Data | UL | IEC | UL | IEC | UL | UL |
| Rated Voltage | 600Vac | 690Vac | 1000Vdc | | 600Vac | |
| Rated Current | 30A | 32A | 30A | 32A | 30A | |
| Conductor cross-section, solid (mm ²) | 1 to 25 | | 1 to 25 | | 1 to 25 | |
| Conductor cross-section, flexible (mm ²) | 1 to 25 | | 1 to 25 | | 1 to 25 | |
| Torque (N•m) | 3.4 | | 3.4 | | 3.4 | |
| SCCR | 120kA | | 33kA | | 200kA | |
| W x H x D (mm) | 17.5 x 73.9 x 61.8 | | 17.5 x 73.9 x 61.8 | | 17.5 x 73.9 x 61.8 | |
| Fuse | Midget | | PV 10 x 38 | | Class CC | |
| | 10 x 38 | | 10 x 38 | | | |
| Multi-pole with Indicator | 1-pole 2-pole 3-pole 4-pole | CHM1DIU CHM2DIU CHM3DIU CHM4DIU | 1-pole 2-pole 3-pole 4-pole | CHPV1IU CHPV2IU N/A N/A | 1-pole 2-pole 3-pole 4-pole | CHCC1DIU CHCC2DIU CHCC3DIU N/A |
| Multi-pole without Indicator | 1-pole 2-pole 3-pole 4-pole | CHM1DU CHM2DU CHM3DU CHM4DU | 1-pole 2-pole 3-pole 4-pole | CHPV1U CHPV2U N/A N/A | 1-pole 2-pole 3-pole 4-pole | CHCC1DU CHCC2DU CHCC3DU N/A |
| With Neutral Pole and Indicator | 1-pole + Neutral 3-pole + Neutral | CHM1DNIU CHM3DNIU | 1-pole + Neutral 3-pole + Neutral | N/A N/A | 2-pole 4-pole | N/A N/A |
| With Neutral Pole and no Indicator | 1-pole + Neutral 3-pole + Neutral | CHM1DNU CHM3DNU | 1-pole + Neutral 3-pole + Neutral | N/A N/A | 1-pole + Neutral 3-pole + Neutral | N/A N/A |
| Neutral only 48Vdc/30A | 1-pole 1-pole | CHM1DNXU CHM1DI-48U | 1-pole 1-pole | N/A N/A | 1-pole 1-pole | CHCC1DI-48U N/A |
| Mounting Rail | DRL35MMHI DRL35MML0 | | DRL35MMHI DRL35MML0 | | DRL35MMHI DRL35MML0 | |
| Tool | | | | | | |



Comb-Bus Bar

Easily distribute power in single-phase or three-phase configurations. Flexible cut-to-length solutions without compromising on the product's finger-safe features. Can be used with the CHM and CHCC Series.

See brochure MFBRO0312

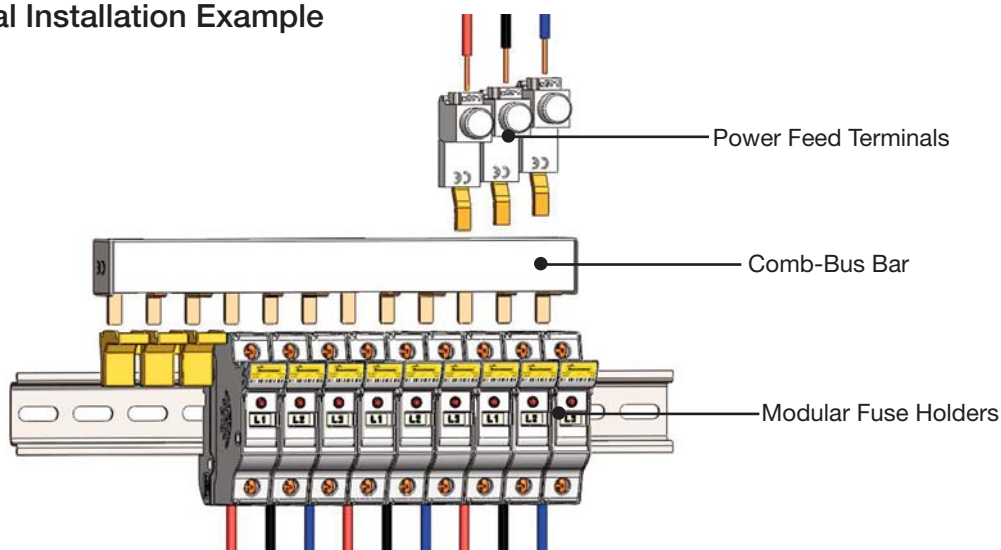
Specifications

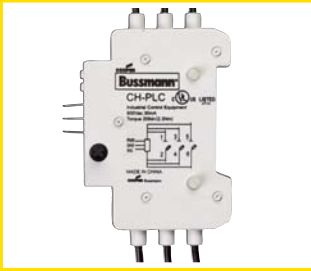
- Agency Information: UL 508. File E195399
- Pitch: 17.8mm
- SCCR: 10kA (default)
100kA (with upstream Class J 200A fuses)
- Max Current: 100A (power feed from end)
200A (power feed from center)
- Max Voltage: 600Vac/dc (three phase)
1000Vdc/600Vac (single phase)

Selection Guide

| Part Number | Description |
|-------------|---|
| BB1P100M3 | Single-phase 1000Vdc busbar, 100A, 3 pins, assembled endcap |
| BB1P100M6 | Single-phase 1000Vdc busbar, 100A, 6 pins, assembled endcap |
| BB1P100M9 | Single-phase 1000Vdc busbar, 100A, 9 pins, assembled endcap |
| BB1P100M12 | Single-phase 1000Vdc busbar, 100A, 12 pins, assembled endcap |
| BB1P100M15 | Single-phase 1000Vdc busbar, 100A, 15 pins, assembled endcap |
| BB1P100M57 | Single-phase 1000Vdc cuttable busbar, 100A, 57 pins, without endcap |
| BB3P100M6 | Three-phase 600V busbar, 100A, 6 pins, assembled endcap |
| BB3P100M9 | Three-phase 600V busbar, 100A, 9 pins, assembled endcap |
| BB3P100M12 | Three-phase 600V busbar, 100A, 12 pins, assembled endcap |
| BB3P100M15 | Three-phase 600V busbar, 100A, 15 pins, assembled endcap |
| BB3P100M57 | Three-phase 600V cuttable busbar, 100A, 57 pins, without endcap |
| ECAP1P | Single-phase busbar endcap |
| ECAPMP | Three-phase busbar endcap |
| PWR35MM | 35mm ² feeder terminal for three-phase busbar (115A, 1000Vac/dc) |
| FSCVR | Spare contact safety protection covers |
| PWR1PLP | Single-phase low-profile feeder terminal (115A, 1000Vac/dc) |
| PWR50MM | 50mm ² direct feed terminal (1000Vac/dc) |

Typical Installation Example





CH-PLC

Make it Simple with Cooper Bussmann resettable three-phase remote fuse monitor that integrates with a Programmable Logic Controller (PLC) or other monitoring and control equipment. Can be used with the CHM and CHCC Series.

See brochure MFBRO0312

Specifications

- Power Input: 24Vdc / 5mA
- Sensing Voltage: 600V/30mA
- Output Signals: Digital 0Vdc (Low), 24Vdc (High)
 - 0Vdc Low – Fuse is good
 - 24Vdc High – Fuse has opened

When the fuse opens, the output signal is sent high and will remain high until the unit is reset

- Rated Impulse Voltage: 8kV
- Local Indication: Two distinct LEDs indicate unit power (green) and open fuse (red). Upon the replacement of the fuse, the actuation of the reset switch will reset the open fuse LED
- Flammability Rating: UL 94V0

Wiring:

- For power, signal and ground connections use 22-24AWG (0.25mm²) 300V rated wire

Electromagnetic Compatibility (EMC) Testing:

- Electrostatic Discharge Immunity IEC 61000-4-2
- Electrical Fast Transient/Burst Immunity IEC 61000-4-4
- Surge Immunity IEC 61000-4-5

Packaging:

- The CH-PLC is packaged individually
- A single unit monitors up to three phases
- Package includes 0.11" (2.8mm) quick connects for power, signal and ground connections

Minimum Circuit Voltage:

- Minimum circuit voltage required across the CH holder is 100Vac for the remote indication device to operate

Installation Technique:

- Mounts on the left side of the fuse holder and mechanically interlocks with the fuse holder switch handle with hardware provided

IP20 Rating: Yes

Environmental Data:

- Storage and Operating Temperature: -20°C to 75°C

Agency Information:

- UL 508
- cULus to CSA Standard 22.2 No.14

PLC Programming:

- The CH-PLC signal line is designed to provide a digital input to a PLC I/O card.
- Programmable Logic Control program must be written to properly interpret the input signal to the PLC.
- The PLC program should check for consecutive high signals before taking action on a critical process.

De-energise all circuits before installing or removing any CH-PLC devices and follow all prescribed safety procedures.

Modular Fuse Holders - 14x51mm

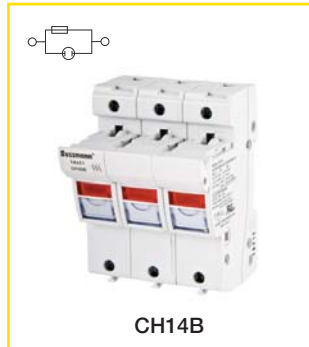


CH14B Series

With a wide wire range and industry leading ratings - up to 50A, 1500Vdc, 200kA SCCR - the CH14B Series provide worldwide acceptance and easy specification.

Use with 14x51mm cylindrical fuse links, PVA14F photovoltaic fuse links and FW ferrule fuse links.

See data sheet 720148

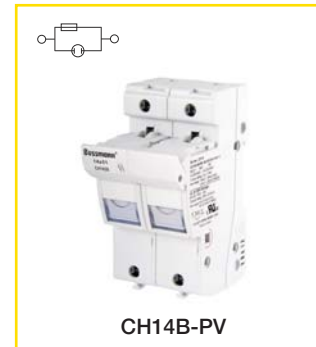


CH14B

Approval

| Technical Data | IEC | UL |
|--|-----------------------|--------|
| Rated Voltage | 690Vac | 750Vac |
| Rated Current | 50A | 50A |
| Conductor cross-section, solid (mm ²) | 1.5-35mm ² | |
| Conductor cross-section, flexible (mm ²) | 1.5-25mm ² | |
| Torque (N•m) | 3 | |
| SCCR | 200kA | |
| W x H x D (mm) | 26.5 x 110 x 76 | |

| | Fuse | |
|---|--------------------------------------|--|
| | | C14G and C14M |
| | | FW ferrule |
| Multi-pole with Indicator | 1-pole 2-pole 3-pole 4-pole | CH141BI CH142BI CH143BI CH144BI |
| Multi-pole without Indicator | 1-pole 2-pole 3-pole 4-pole | CH141B CH142B CH143B CH144B |
| With Neutral Pole and Indicator | 1-pole + Neutral 3-pole + Neutral | CH141BNI CH143BNI |
| With Neutral Pole and no Indicator | 1-pole + Neutral 3-pole + Neutral | CH141BN CH143BN |
| Neutral only | 1-pole | CH141BNX |
| With Microswitch fuse operation only | 1-pole 3-pole | CH141BMS CH143BMS |
| With Microswitch pre-breaking/fuse operation/presence | 1-pole 3-pole | CH141BMS-F CH143BMS-F |
| With Microswitch and Neutral | 4-pole 4-pole | CH143DNMS CH14BNMS-F* |
| Mounting Rail | | DRL35MMHI DRL35MML0 |
| Tool | | |



CH14B-PV

Approval

| Technical Data | IEC |
|--|-----------------------|
| Rated Voltage | 1500Vdc |
| Rated Current | 32A |
| Conductor cross-section, solid (mm ²) | 1.5-35mm ² |
| Conductor cross-section, flexible (mm ²) | 1.5-25mm ² |
| Torque (N•m) | 3 |
| SCCR | 200kA |
| W x H x D (mm) | 26.5 x 110 x 49.5 |

| | Fuse | |
|------------------------------|------------------|------------------------|
| | | PV-A14F |
| Multi-pole without Indicator | 1-pole 2-pole | CH141B-PV CH142B-PV |
| Mounting Rail | | DRL35MMHI DRL35MML0 |
| Tool | | |

* pre-breaking/fuse operation/presence microswitch



CH22B Series

With a wide wire range and industry leading ratings - up to 125A, 750Vac, 200kA SCCR - the CH22B Series provide worldwide acceptance and easy specification.

Use with 22x58mm cylindrical fuse links and FW ferrule fuse links.

See data sheet 720150



CH22B

Approval

| Technical Data | IEC | UL |
|--|--------------------------------------|--------------------------------------|
| Rated Voltage | 690Vac | 750Vac |
| Rated Current | 125A | 100A |
| Conductor cross-section, solid (mm ²) | 1.5-50mm ² | |
| Conductor cross-section, flexible (mm ²) | 1.5-35mm ² | |
| Torque (N•m) | 4 | |
| SCCR | 200kA | |
| W x H x D (mm) | 35 x 126.5 x 76 | |
| Fuse | C22G and C22M | |
| | FW ferrule | |
| Multi-pole without Indicator | 1-pole 2-pole 3-pole 4-pole | CH221B CH222B CH223B CH224B |
| With Neutral Pole | 1-pole + Neutral 3-pole + Neutral | CH221BN CH223BN |
| Neutral only | 1-pole | CH221BNX |
| With Microswitch (fuse operation) | 1-pole + Neutral 3-pole + Neutral | CH221BMS CH223BMS |
| Mounting Rail | DRL35MMHI DRL35MMLO | |
| Tool | | |

Compact Circuit Protectors (CCP) Series



CCP Series

The revolutionary Cooper Bussmann CCP is 1/3 the footprint of a molded base circuit breaker. The level of protection provided by the CCP is up to three times the Short-Circuit Current Rating (SCCR) at full voltage than a molded case circuit breaker while providing disconnecting means.

See data sheet 1157

Specifications

- Box Lug and Spade Terminal suitable for line, load or accessory connection
- Box Lug Connection:
 - 18-6 AWG (1 to 16mm²) single or dual rated, solid or stranded – 75°C or higher - Cu only
 - 4 AWG (25mm²) single – 75°C or higher - Cu only
- Spade Terminal Connection:
 - Max. 30A suitable for use with #8-32 UNC (M4) screw
- Torque:
 - 18-10 AWG 20 Lb-In (1-6mm²/3.4N•m)
 - 8-4 AWG 35 Lb-In (10-25mm²/5.8N•m)
- Lockout/tagout: 4mm shank lock or standard pin-out devices
- 35mm DIN-Rail mount
- Dimensionally compliant to DIN 43880
- Local indication minimum operating voltage:
 - 90Vac for AC version
 - 12Vdc for DC version

Agency Information

UL Class CC fuse version

- UL 98 Listed, File E302370, Guide WHTY
- cULus to CSA Standard 22.2 No. 4-04, File 302370, Guide WHTY7
- CE Compliant

UL Midget fuse version

- UL 508 Listed
- cULus Certified 22.2 No. 14-05
- CE Compliant

10x38 IEC Class aM and gG/gL fuse version

- IEC 60947-3 AC23A
- IEC 60947-3 DC23A
- CE Compliant

Shipping Weight

- 2.84 lbs (1.29kg) per carton



NH Bases

NH fuse bases with thermoplastic bodies, DIN-Rail and/or screw mounting (size 4 screw mounting only).

Range of accessories available including phase barriers, IP20 finger-safe protection kits and neutral links. Microswitch also available for remote signaling of fuse link operation.

See data sheet 720136

Specifications

Catalogue Symbol:

SD(size)-D, SD(size)-S: 1-pole
TD(size)-D, TD(size)-DI: 3-pole
Size 4: SD4-S and SD4-S1600

Technical Data:

Rated Voltage: 690Vac
Rated Current: 160 - 1600A
Rated for Fuse Links with Breaking Capacity: 120kA

Features

- Complies with IEC 60269-1 and 2 fuse system A (NH base), manufacturers' type test certificates of compliance available.
- 3-Pole integral NH00 base available with reduced width.
- Clip-in phase barriers, terminal shrouds and fuse covers available.
- Vibration tested to IEC 60068-2-6 for marine use.
- Full range of accessories available.

Agency Information

- IEC 60269-1 and 2
- VDE 0636-1 and 2

Surge Protective Devices



SPD Series

Surge Protection Made Simple™
High performance lightning and surge protection products for all photovoltaic, IEC, wind and power applications.

Modular 35mm DIN-Rail design with colour-coding and rejection features makes it easy to identify, install and maintain.



SPD PV

Patented, Fast-Acting and Safe Surge Protection Solutions for Global Photovoltaic Solutions

- Patented, fast-acting Short-Circuit Interrupting (SCI) technology responds efficiently to overvoltage conditions.
- Built-in overcurrent protection eliminates the need for any additional fuse installation and wiring.
- *easyID*™ Visual indication and optional remote contact signaling make status monitoring simple.
- Modular DIN-Rail design with color-coding and rejection feature makes it easy to identify, install and maintain.

For further details see data sheets:

- Class I
- Lightning Arrester One-Pole # 2148
- Class II
- Surge Arrester Two modules # 2145
- Surge Arrester Three Modules # 2055



SPD IEC

High Performance Lightning and Surge Protection Products for all IEC Applications

- Vibration and shock resistant according to EN 60068-2 standards.
- *easyID*™ Visual indication and optional remote contact signaling make status monitoring simple.
- High surge discharge capacity due to heavy-duty zinc oxide varistor and spark gap technology.
- Wide range of IEC Class I and Class II SPD covering all the major markets around the world.
- Modular DIN-Rail design with color-coding and rejection features makes it easy to identify, install and maintain.

For further details see data sheets:

- Class I:
- 2-Pole # 1163
- 3-Pole # 1164
- 4-Pole # 1165
- Class II:
- 1-Pole # 1166
- 2-Pole # 1167
- 3-Pole # 1168
- 4-Pole # 1169



SPD UL SCCR

Comprehensive High SCCR Surge Protection Solutions for North American UL 508A Applications

- UL 1449 3rd Edition Recognised SPD devices provide optimum surge protection for the United States and Canadian panel markets.
- Modular DIN-Rail design with color coding and rejection feature makes it easy to identify, install and maintain.
- *easyID*™ Visual indication and optional remote contact signaling make status monitoring simple.
- Vibration and shock resistant according to EN 60068-2 standards to withstand harsh environments.
- IP20 Finger-safe design improves electrical safety.

For further details see data sheets:

- 1-Pole # 2149
- 2-Pole # 2150
- 3-Pole # 2151
- 4-Pole # 2152



SPD Wind

Advanced, Easy-to-Use Surge & Lightning Protection Products for Wind Power Systems

- Modular DIN-Rail design with color-coding and rejection features makes it easy to identify, install and maintain.
- High surge discharge capacity due to heavy-duty zinc oxide varistor and spark-gap technology.
- easyID™ Visual indication and optional remote contact signaling make status monitoring simple.
- Vibration and shock resistant according to EN 60068-2 standards.
- Wide range of IEC Class I and Class II SPD covering all the major markets around the world.

For further details see data sheets:

- Class I:
 - 1-Pole # 2091
- Class II:
 - 1-Pole # 2092
 - 2-Pole # 2093
 - 3-Pole # 2094
 - 4-Pole # 2095



SPD Low Voltage AC/DC Power & Control

Efficient and reliable Network Protection for Low Voltage and Telecommunication Applications.

- Modular DIN-Rail design with color-coding and rejection feature makes it easy to identify, install and maintain.
- High surge discharge capacity provided by combination of spark-gap and heavy-duty zinc oxide varistor.
- easyID™ Visual indication and optional remote contact signaling make status monitoring simple.
- Vibration and shock resistant according to EN 60068-2 standards.
- Energy coordination with other Cooper Bussmann DIN-Rail surge protective devices

For further details see data sheets:

- Type 2:
 - 1-Pole Power # 2056
- Type 3:
 - 2-Pole Control # 2057

Customer Assistance

Customer Satisfaction Team

The Cooper Bussmann Customer Satisfaction Team is available to answer questions regarding Cooper Bussmann products.

Europe calls can be made between:

Monday - Thursday 7.30 a.m. - 5.30 p.m. GMT
Friday 7.30 a.m. - 5.00 p.m. GMT

The Customer Service Satisfaction Team can be reached via:

- Phone: 00 44 (0) 1509 882 600
- Fax: 00 44 (0) 1509 882 786
- Email: bulesales@cooperindustries.com

C³ Cooper Customer Center

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- Product cross reference
- Product profiles
- Online catalogues for the latest United States and European catalogues

Application Engineering

Application Engineering assistance is available to all customers. The Application Engineering team is staffed by university-qualified electrical engineers who are available with technical and application support.

Europe calls can be made between:

Monday - Thursday 8.30 a.m. - 4.30 p.m. GMT
Friday 8.30 a.m. - 4.00 p.m. GMT

Application Engineering can be reached via:

- Phone: 00 44 (0) 1509 882 699
- Fax: 00 44 (0) 1509 882 794
- Email: buletechnical@cooperindustries.com

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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

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- Подбор аналогов.
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- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Работу по проектам и поставку образцов.
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- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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