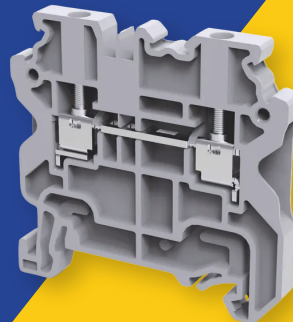
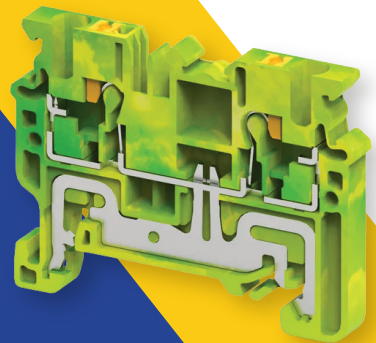
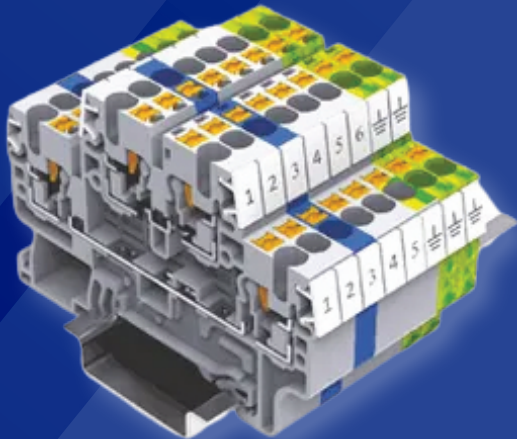
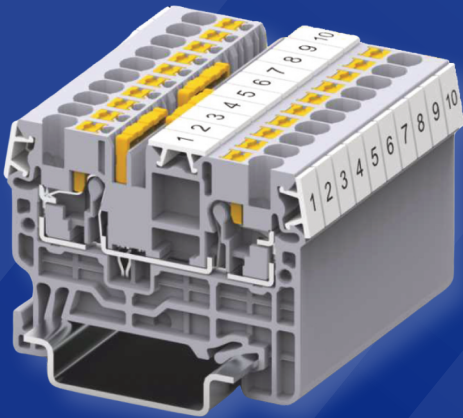




# ELECTRICAL COMPONENTS

## CP & CY Series Terminal Blocks

- Screw Clamp & Push-In
- Feed-Through & Ground
- Multi-Level



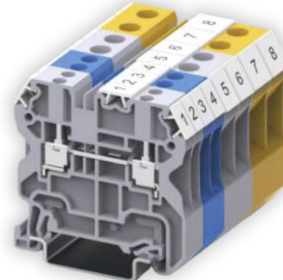
## CP & CY series terminal blocks

ITC's CP and CY series feed-through terminal blocks offer push-in and screw clamp connections for control panels, machinery and industrial automation. Choose CY for the same profile terminal blocks, with screw connections, or CP for direct, tool-free insertion.

The CP and CY series of terminal blocks share a unified and minimal accessory requirement.



CP Series - Push-In



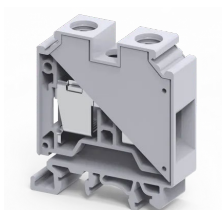
CY Series - Screw Clamp

### Features & Specifications

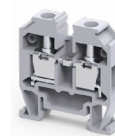
- DIN Rail Mounted
- **CP Push-In:** Quick wiring with vibration-resistant spring clamps
- **CY Screw Clamp:** Secure, gas-tight connections -
- **Terminal types:** Feed-through, ground, multiple-connection, multi-level, fuse and disconnect
- **Easy bridging:** Pluggable jumpers with two independent jumper rows
- **Accessories:** Jumpers, end plates, partition plates, end clamps, marking tags and test plugs
  
- **Rated voltage:** 600 V UL/CSA\*
- **Rated current:** Up to 65 A UL/CSA\*
- **Wire sizes:** 0.2-10 mm<sup>2</sup>, depending on model and conductor type\*
- **Mounting:** DIN 35×7.5 mm or 35×15 mm rail
- **Insulation material:** Polyamide 6,6
- **Approvals:** cULus; cCSAus

\* Specifications shown apply to listed models only. See individual product tables below for details.

For larger sizes, 25mm<sup>2</sup> to 95mm<sup>2</sup>, and miniature 4mm<sup>2</sup>, check ITC's classic terminal block selection.



CTS35UN - 35mm<sup>2</sup>



CMT4 - Miniature 4mm<sup>2</sup>



## CP Series Terminal Blocks - High-Performance, Time-Saving Push-In Technology

The CP Series Push-In Terminal Blocks offer an advanced tool-less wire connection system that ensures secure, vibration-resistant, and gas-tight connections. Utilizing specialised high-grade stainless steel spring clamps, the CP series terminals allow users to effortlessly connect solid wires and flexible wires with crimped ferrules. The pre-stressed spring design ensures a reliable connection even under harsh environmental conditions.

### CP series push-in terminal blocks - Features

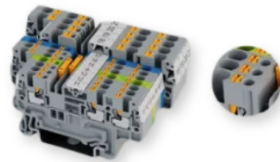
- **Connection method:** Stainless steel spring clamp - vibration-resistant, gas-tight spring connections
- **Circuit bridging:** Pluggable jumpers with two independent jumper rows
- **Ground blocks:** Available to match most types of CP terminal blocks



**Faster connections  
with tool free wiring**



**2 Independents  
jumper rows**



**Test points for easy  
testing and measurement**

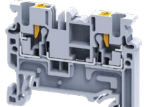
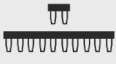
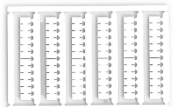


**3 Wire marker positions**

|                                                                         |                                                                  |                                                                       |                                                                                      |
|-------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                                                                         |                                                                  |                                                                       |                                                                                      |
| <b>Standard</b><br>Push-in block for 1 connection                       | <b>Multiple connection</b><br>more than one wire to be connected | <b>Multiple levels</b><br>Higher density wiring, with various options | <b>Fuse terminal</b><br>Single or multiple level blocks with integrated fuse carrier |
|                                                                         |                                                                  |                                                                       |                                                                                      |
| <b>Disconnect / Test terminal</b><br>Easily disconnect or test circuits | <b>Marshalling</b><br>4 and 8 level                              | <b>Sensor &amp; actuator</b><br>Simple wiring for sensors             | <b>Ground blocks</b><br>With the same profile as that of respective terminals        |

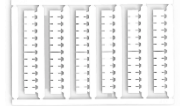


## CP series push-in feed-through terminal blocks (Order by Part No.)

| CP Series<br>Push-in<br>Terminal Blocks                                                                                     |                                                                                                                 |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Description:                                                                                                                |                                                                                                                 | 1.5mm²<br>Terminal Block                                                          | 2.5mm²<br>Terminal Block                                                          | 4mm²<br>Terminal Block                                                             | 6-10mm²<br>Terminal Block                                                           | 16mm²<br>Terminal Block                                                             |
| Part No.:                                                                                                                   |                                                                                                                 | 710-CP1.5                                                                         | 710-CP2.5                                                                         | 710-CP4                                                                            | 710-CP6/10                                                                          | 710-CP16                                                                            |
| Model:                                                                                                                      |                                                                                                                 | CP1.5                                                                             | CP2.5                                                                             | CP4                                                                                | CP6/10                                                                              | CP16                                                                                |
| Pitch (Thickness):                                                                                                          |                                                                                                                 | 3.5mm                                                                             | 5mm                                                                               | 6mm                                                                                | 8mm                                                                                 | 12mm                                                                                |
| H with 7.5mm DIN rail x L:                                                                                                  |                                                                                                                 | 34.1 x 45.3mm                                                                     | 38.3 x 48.0mm                                                                     | 48.3 x 54.8mm                                                                      | 43 x 62.8mm                                                                         | 51.7 x 74.5                                                                         |
| Approvals:                                                                                                                  |                                                                                                                 |  |  |  |  |  |
| Voltage:                                                                                                                    |                                                                                                                 | 600V                                                                              | 600V                                                                              | 600V                                                                               | 600V                                                                                | 600V                                                                                |
| Current:                                                                                                                    |                                                                                                                 | 15A                                                                               | 20A                                                                               | 30A                                                                                | 44A                                                                                 | 85A                                                                                 |
| Wire Size:                                                                                                                  |                                                                                                                 | 24-14 AWG    0.2-2.5 mm²                                                          | 20-10 AWG    0.2-4.0 mm²                                                          | 24-10 AWG    0.2-6.0 mm²                                                           | 20-8 AWG    0.5-10.0 mm²                                                            | 16-4 AWG    1.5-16.0 mm²                                                            |
| Package Qty:                                                                                                                |                                                                                                                 | 100                                                                               | 100                                                                               | 100                                                                                | 100                                                                                 | 100                                                                                 |
| End Plate:                                 |                                                                                                                 | 710-EPCP1.5                                                                       | 710-EPCX2.5                                                                       | 710-EPCX4                                                                          | 710-EPCX6                                                                           | 710-EPCP16                                                                          |
| Partition Plate:                           |                                                                                                                 | 710-PPCX4                                                                         | 710-PPCX4                                                                         | 710-PPCX4                                                                          | 710-PPCX10                                                                          | -                                                                                   |
| Insulated,<br>pluggable<br>Jumper bars:  | 2 Pole                                                                                                          | 710-JX1.5/2                                                                       | 710-JX2.5/2                                                                       | 710-JX4/2                                                                          | 710-JX6/2                                                                           | 710-JY16/2                                                                          |
|                                                                                                                             | 3 Pole                                                                                                          | 710-JX1.5/3                                                                       | 710-JX2.5/3                                                                       | 710-JX4/3                                                                          | 710-JX6/3                                                                           | -                                                                                   |
|                                                                                                                             | 4 Pole                                                                                                          | 710-JX1.5/4                                                                       | 710-JX2.5/4                                                                       | 710-JX4/4                                                                          | 710-JX6/4                                                                           | -                                                                                   |
|                                                                                                                             | 5 Pole                                                                                                          | -                                                                                 | 710-JX2.5/5                                                                       | 710-JX4/5                                                                          | 710-JX6/5                                                                           | -                                                                                   |
|                                                                                                                             | 6 Pole                                                                                                          | -                                                                                 | 710-JX2.5/6                                                                       | 710-JX4/6                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                             | 7 Pole                                                                                                          | -                                                                                 | 710-JX2.5/7                                                                       | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                             | 10 Pole                                                                                                         | 710-JX1.5/10                                                                      | 710-JX2.5/10                                                                      | 710-JX4/10                                                                         | 710-JX6/10                                                                          | -                                                                                   |
|                                                                                                                             | 20 Pole                                                                                                         | -                                                                                 | 710-JX2.5/20                                                                      | -                                                                                  | -                                                                                   | -                                                                                   |
| Step down<br>Jumpers:                                                                                                       | 6 - 2.5mm²                                                                                                      | -                                                                                 | 710-JXS6/2.5                                                                      | -                                                                                  | 710-JXS6/2.5                                                                        | -                                                                                   |
|                                                                                                                             | 16 - 2.5mm²                                                                                                     | -                                                                                 | 710-JXS16/2.5                                                                     | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                             | 6 - 4mm²                                                                                                        | -                                                                                 | -                                                                                 | 710-JXS6/4                                                                         | 710-JXS6/4                                                                          | 710-JYS16/2.5                                                                       |
| Test plug                                                                                                                   |                                                                                                                 | -                                                                                 | TX2.5                                                                             | -                                                                                  | -                                                                                   | -                                                                                   |
| GROUND Terminal block, Yellow / Green                                                                                       |                                                                                                                 | 710-CPG1.5                                                                        | 710-CPG2.5                                                                        | 710-CPG4                                                                           | 710-CPG6/10                                                                         | 710-CPG16                                                                           |
| Other<br>colours:                        | Blue                                                                                                            | 710-CP1.5BU                                                                       | 710-CP2.5BU                                                                       | 710-CP4BU                                                                          |                                                                                     | 710-CP16BU                                                                          |
|                                                                                                                             | Red                                                                                                             | 710-CP1.5BU                                                                       | 710-CP2.5BU                                                                       | 710-CP4BU                                                                          |                                                                                     | 710-CP16BU                                                                          |
|                                                                                                                             | Black                                                                                                           | 710-CP1.5BK                                                                       | 710-CP2.5BK                                                                       | 710-CP4BK                                                                          |                                                                                     | 710-CP16BK                                                                          |
|                                                                                                                             | Yellow                                                                                                          | 710-CP1.5Y                                                                        | 710-CP2.5Y                                                                        | 710-CP4Y                                                                           |                                                                                     | 710-CP16Y                                                                           |
|                                                                                                                             | Green                                                                                                           | 710-CP1.5GN                                                                       | 710-CP2.5GN                                                                       | 710-CP4GN                                                                          |                                                                                     | 710-CP16GN                                                                          |
| Marking Tags in<br>card:                 |                                                                                                                 | 710-MC3.5                                                                         | 710-MC5                                                                           | 710-MC6                                                                            | 710-MC8                                                                             | 710-MC12                                                                            |
| DIN Rail:                                                                                                                   | TS35x7.5                     | 111.013 & 111.020                                                                 |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                                                                                                                             | TS35x15                                                                                                         | 111.025                                                                           |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| End Stop:                                                                                                                   | End Stop for<br>TS32 & TS35  | 710.097                                                                           |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                                                                                                                             | End Stop for<br>TS35 Only    | 710-CA103                                                                         |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

Information subject to change without notice; consult ITC for complete accessory list

## CP series push-in ground terminal blocks (Order by Part No.)

| CP Push-in Ground Terminal Blocks                                                                                     |                                                                                                              |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Description:                                                                                                          |                                                                                                              | 1.5mm² Push-In Ground Terminal Block                                              | 2.5mm² Push-In Ground Terminal Block                                              | 4mm² Push-In Ground Terminal Block                                                 | 6-10mm² Push-In Ground Terminal Block                                               | 16mm² Push-In Ground Terminal Block                                                 |
| Part No.:                                                                                                             |                                                                                                              | 710-CPG1.5                                                                        | 710-CPG2.5                                                                        | 710-CPG4                                                                           | 710-CPG6/10                                                                         | 710-CPG16                                                                           |
| Model:                                                                                                                |                                                                                                              | CPG1.5                                                                            | CPG2.5                                                                            | CPG4                                                                               | CPG6/10                                                                             | CPG16                                                                               |
| Pitch (Thickness):                                                                                                    |                                                                                                              | 3.5mm                                                                             | 5mm                                                                               | 6mm                                                                                | 8mm                                                                                 | 12mm                                                                                |
| H with 7.5mm DIN rail x L:                                                                                            |                                                                                                              | 34.1 x 45.3mm                                                                     | 38.3 x 49.7 mm                                                                    | 38.3 x 54.8mm                                                                      | 43 x 62.8 mm                                                                        | 51.7 x 74.5mm                                                                       |
| Approvals:                                                                                                            |                                                                                                              |  |  |  |  |  |
| Wire Size:                                                                                                            |                                                                                                              | 24-14 AWG 0.2-2.5mm²                                                              | 24-10 AWG 0.2-4.0mm²                                                              | 24-10 AWG 0.2-6.0 mm²                                                              | 24-8 AWG 0.5-10.0 mm²                                                               | 16-4 AWG 1.5-16.0 mm²                                                               |
| Package Qty:                                                                                                          |                                                                                                              | 100                                                                               | 100                                                                               | 100                                                                                | 100                                                                                 | 100                                                                                 |
| End Plate:                           |                                                                                                              | 710-EPCP1.5                                                                       | 710-EPCX2.5                                                                       | 710-EPCX4                                                                          | 710-EPCX6                                                                           | 710-EPCP16                                                                          |
| Partition Plate:                     |                                                                                                              | 710-PPCX4                                                                         | 710-PPCX2.5                                                                       | 710-PPCX4                                                                          | 710-PPCX10                                                                          | 710-PPCX4                                                                           |
| Insulated, pluggable Jumper bars:  | 2 Pole                                                                                                       | 710-JX1.5/2                                                                       | 710-JX2.5/2                                                                       | 710-JX4/2                                                                          | 710-JX6/2                                                                           | 710-JY16/2                                                                          |
|                                                                                                                       | 3 Pole                                                                                                       | 710-JX1.5/3                                                                       | 710-JX2.5/3                                                                       | 710-JX4/3                                                                          | 710-JX6/3                                                                           | -                                                                                   |
|                                                                                                                       | 4 Pole                                                                                                       | 710-JX1.5/4                                                                       | 710-JX2.5/4                                                                       | 710-JX4/4                                                                          | 710-JX6/4                                                                           | -                                                                                   |
|                                                                                                                       | 5 Pole                                                                                                       | -                                                                                 | 710-JX2.5/5                                                                       | 710-JX4/5                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                       | 6 Pole                                                                                                       | -                                                                                 | 710-JX2.5/6                                                                       | 710-JX4/6                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                       | 7 Pole                                                                                                       | -                                                                                 | 710-JX2.5/7                                                                       | -                                                                                  | -                                                                                   | -                                                                                   |
|                                                                                                                       | 8 Pole                                                                                                       | -                                                                                 | 710-JX2.5/8                                                                       | 710-JX4/8                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                       | 10 Pole                                                                                                      | 710-JX1.5/10                                                                      | 710-JX2.5/10                                                                      | 710-JX4/10                                                                         | 710-JX6/10                                                                          | -                                                                                   |
|                                                                                                                       | 16 Pole                                                                                                      | -                                                                                 | -                                                                                 | 710-JX4/16                                                                         | -                                                                                   | -                                                                                   |
|                                                                                                                       | 20 Pole                                                                                                      | -                                                                                 | 710-JX2.5/20                                                                      | -                                                                                  | -                                                                                   | -                                                                                   |
| Step down Jumpers:                                                                                                    | 6 - 2.5mm²                                                                                                   | -                                                                                 | 710-JXS6/2.5                                                                      | -                                                                                  | 710-JXS6/2.5                                                                        | -                                                                                   |
|                                                                                                                       | 16 - 2.5mm²                                                                                                  | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | 710-JYS16/2.5                                                                       |
|                                                                                                                       | 6 - 4mm²                                                                                                     | -                                                                                 | -                                                                                 | 710-JXS6/4                                                                         | 710-JXS6/4                                                                          | -                                                                                   |
| Test plug                                                                                                             |                                                                                                              | -                                                                                 | 710-TX2.5                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
| For use with Terminal blocks series:                                                                                  |                                                                                                              | CP1.5                                                                             | CP2.5                                                                             | CP4                                                                                | CP6/10                                                                              | CP16                                                                                |
| Marking Tags in card:              |                                                                                                              | 710-MC3.5                                                                         | 710-MC5                                                                           | 710-MC6                                                                            | 710-MC8                                                                             | 710-MC12                                                                            |
| DIN Rail:                                                                                                             | TS35x7.5                  | 111.013 & 111.020<br>111.025                                                      |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                                                                                                                       | TS35x15                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| End Stop:                                                                                                             | End Stop for TS32 & TS35  | 710.097                                                                           |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                                                                                                                       | End Stop for TS35 Only    | 710-CA103                                                                         |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

Information subject to change without notice; consult ITC for complete accessory list



## CY Series - High-Performance Screw-Clamp Terminal Blocks

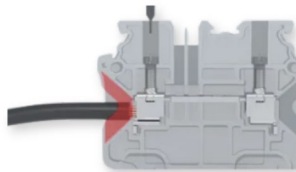
The High-Performance CY Series Screw-Clamp Terminal Blocks have a very reliable high-torque clamping system, ensuring secure, gas-tight connections. These blocks are ideal for applications requiring a reliable connection for wires with or without ferrules. The CY series terminals have a pluggable jumper system for enabling cross-connections and they also have an industry first 3 way marking system, facilitating easy circuit identification.

### CY Series Terminal Blocks - Features

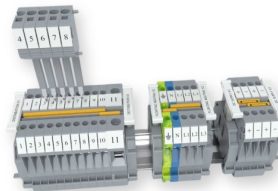
- **Connection method:** Screw-operated clamp - high-torque clamping for gas-tight connections
- **Circuit bridging:** Pluggable jumpers with two independent jumper rows
- **Ground blocks:** Available to match all types of CY terminal blocks



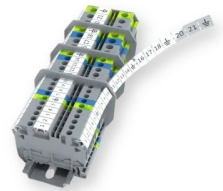
Same profile through the series of terminal blocks (standard)



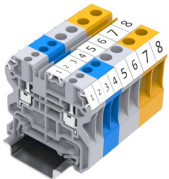
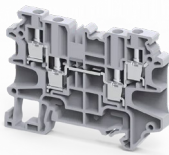
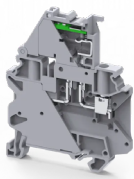
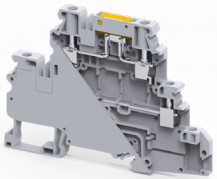
Guided wire entry



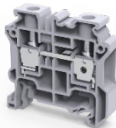
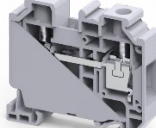
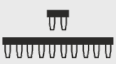
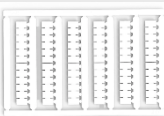
Versatile pluggable jumper system



3 wire marker positions

|                                                                                     |                                                                                     |                                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |                  |  |  |
| <b>Standard</b>                                                                     | <b>Multiple connections</b>                                                         | <b>Multiple levels:</b>                                                                             | <b>Fuse terminal:</b>                                                                 | <b>Disconnect / Test terminal</b>                                                     |
| Compact block for 1 connection                                                      | More than one wire to be connected - space saving, 3 and 4 wires                    | Higher density wiring, with various options<br>2 and 3 levels<br>Internal shorted and Fuse carriers | Single or multiple level blocks with integrated fuse carrier<br>LED option            | Easily disconnect or test circuits                                                    |

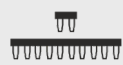
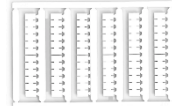
## CY series screw-clamp feed-through terminal blocks (Order by Part No.)

| CY Series<br>Screw-Clamp<br>Terminal Blocks                                                                                 |                          |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Description:                                                                                                                |                          | 2.5mm²<br>Terminal Block                                                          | 4mm²<br>Terminal Block                                                            | 6mm²<br>Terminal Block                                                             | 10mm²<br>Terminal Block                                                             | 16mm²<br>Terminal Block                                                             |
| Part No.:                                                                                                                   |                          | 710-CY2.5                                                                         | 710-CY4                                                                           | 710-CY6                                                                            | 710-CY10                                                                            | 710-CY16                                                                            |
| Model:                                                                                                                      |                          | CY2.5                                                                             | CY4                                                                               | CY6                                                                                | CY10                                                                                | CY16                                                                                |
| Pitch (Thickness):                                                                                                          |                          | 5mm                                                                               | 6mm                                                                               | 8mm                                                                                | 10mm                                                                                | 12mm                                                                                |
| H with 7.5mm DIN rail x L:                                                                                                  |                          | 49 x 50mm                                                                         | 49 x 50mm                                                                         | 49 x 50mm                                                                          | 49 x 50mm                                                                           | 50.8 x 58.9mm                                                                       |
| Approvals:                                                                                                                  |                          |  |  |  |  |  |
| Voltage:                                                                                                                    |                          | 600V                                                                              | 600V                                                                              | 600V                                                                               | 600V                                                                                | 600V                                                                                |
| Current:                                                                                                                    |                          | 20A                                                                               | 30A                                                                               | 50A                                                                                | 65A                                                                                 | 85V                                                                                 |
| Wire Size:                                                                                                                  |                          | 35-25 AWG 0.2-4.0mm²                                                              | 24-10 AWG 0.2-6.0mm²                                                              | 24-8 AWG 0.2-6.0mm²                                                                | 24-6 AWG 0.2-10.0mm²                                                                | 16-4 AWG 1.5-6.0mm²                                                                 |
| Package Qty:                                                                                                                |                          | 100                                                                               | 100                                                                               | 100                                                                                | 50                                                                                  | 50                                                                                  |
| End Plate:                                 |                          | 710-EPCY2.5/10                                                                    | 710-EPCY2.5/10                                                                    | 710-EPCY2.5/10                                                                     | 710-EPCY2.5/10                                                                      | -                                                                                   |
| Partition Plate:                           |                          | 710-PPCY2.5/10                                                                    | 710-PPCY2.5/10                                                                    | 710-PPCY2.5/10                                                                     | 710-PPCY2.5/10                                                                      | -                                                                                   |
| Insulated,<br>pluggable<br>Jumper bars:  | 2 Pole                   | 710-JX2.5/2                                                                       | 710-JX4/2                                                                         | 710-JY6/2                                                                          | 710-JY10/2                                                                          | 710-JY16/2                                                                          |
|                                                                                                                             | 3 Pole                   | 710-JX2.5/3                                                                       | 710-JX4/3                                                                         | 710-JY6/3                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                             | 4 Pole                   | 710-JX2.5/4                                                                       | 710-JX4/4                                                                         | 710-JY6/4                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                             | 5 Pole                   | 710-JX2.5/5                                                                       | 710-JX4/5                                                                         | 710-JY6/5                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                             | 6 Pole                   | 710-JX2.5/6                                                                       | 710-JX4/6                                                                         | 710-JY6/6                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                             | 7 Pole                   | 710-JX2.5/7                                                                       | -                                                                                 | 710-JY6/7                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                             | 10 Pole                  | JX2.5/10                                                                          | 710-JX4/10                                                                        | 710-JY6/10                                                                         | -                                                                                   | -                                                                                   |
|                                                                                                                             | 20 Pole                  | JX2.5/20                                                                          | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| Step down Jumpers: 6 - 2.5mm²                                                                                               |                          | JYS6/2.5                                                                          | -                                                                                 | 710-JYS6/2.5                                                                       | -                                                                                   | -                                                                                   |
| Test plug                                                                                                                   |                          | TX2.5                                                                             | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| GROUND Terminal block, Yellow / Green                                                                                       |                          | 710-CYG2.5                                                                        | 710-CYG4                                                                          | 710-CYG6                                                                           | 710-CYG10                                                                           | 710-CYG16                                                                           |
| Other colours                            | Blue                     | 710-CY2.5BU                                                                       | 710-CY4BU                                                                         | 710-CY6BU                                                                          | 710-CY10BU                                                                          | -                                                                                   |
|                                                                                                                             | Red                      | 710-CY2.5R                                                                        | 710-CY4R                                                                          | 710-CY6R                                                                           | 710-CY10R                                                                           | -                                                                                   |
|                                                                                                                             | Black                    | 710-CY2.5BK                                                                       | 710-CY4BK                                                                         | 710-CY6BK                                                                          | 710-CY10BK                                                                          | -                                                                                   |
|                                                                                                                             | Yellow                   | 710-CY2.5Y                                                                        | 710-CY4Y                                                                          | 710-CY6Y                                                                           | 710-CY10Y                                                                           | -                                                                                   |
|                                                                                                                             | Green                    | 710-CY2.5GN                                                                       | 710-CY4GN                                                                         | 710-CY6GN                                                                          | 710-CY10GN                                                                          | -                                                                                   |
| Marking Tags in card:                    |                          | 710-MC5                                                                           | 710-MC6                                                                           | 710-MC8                                                                            | 710-MC10                                                                            | 710-MC12                                                                            |
| DIN Rail:                                | TS35x7.5                 | 111.013 & 111.020<br>111.025                                                      |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                                                                                                                             | TS35x15                  |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| End Stop:                                | End Stop for TS32 & TS35 | 710.099                                                                           |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|                                                                                                                             | End Stop for TS35 Only   | 710.097                                                                           |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

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## CY series screw-clamp ground terminal blocks (Order by Part No.)

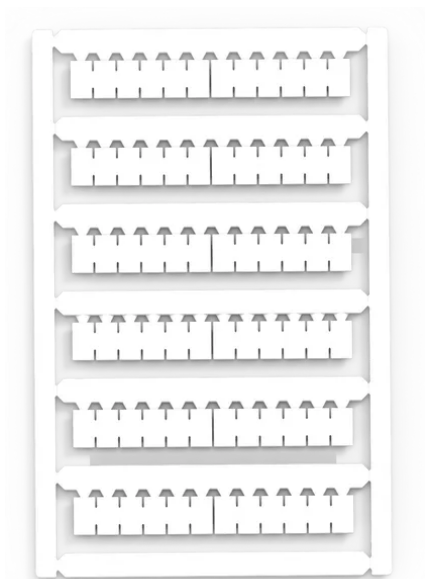
| CY Screw-clamp Ground Terminal Blocks                                                                                  |             |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Description:                                                                                                           |             | 2.5mm² Screw-Clamp Ground Terminal Block                                          | 4mm² Screw-Clamp Ground Terminal Block                                            | 6mm² Screw-Clamp Ground Terminal Block                                             | 10mm² Screw-Clamp Ground Terminal Block                                             | 16mm² Screw-Clamp Ground Terminal Block                                             |
| Part No.:                                                                                                              |             | 710-CYG2.5                                                                        | 710-CYG4                                                                          | 710-CYG6                                                                           | 710-CYG10                                                                           | 710-CYG16                                                                           |
| Model:                                                                                                                 |             | CYG2.5                                                                            | CYG4                                                                              | CYG6                                                                               | CYG10                                                                               | CYG16                                                                               |
| Pitch (Thickness):                                                                                                     |             | 5mm                                                                               | 6mm                                                                               | 8mm                                                                                | 10mm                                                                                | 12mm                                                                                |
| H with 7.5mm DIN rail x L:                                                                                             |             | 49 x 50mm                                                                         | 49 x 50mm                                                                         | 49 x 50mm                                                                          | 49 x 50mm                                                                           | 50.8 x 58.9mm                                                                       |
| Approvals:                                                                                                             |             |  |  |  |  |  |
| Wire Size:                                                                                                             |             | 24-12 AWG 0.2-4.0mm²                                                              | 24-10 AWG 0.2-6.0mm²                                                              | 24-8 AWG 0.2-10.0mm²                                                               | 24-6 AWG 0.2-10.0mm²                                                                | 16-4 AWG 1.5-16.0mm²                                                                |
| Package Qty:                                                                                                           |             | 100                                                                               | 100                                                                               | 100                                                                                | 50                                                                                  | 50                                                                                  |
| End Plate:                            |             | 710-EPCY2.5/10                                                                    | 710-EPCY2.5/10                                                                    | 710-EPCY2.5/10                                                                     | 710-EPCY2.5/10                                                                      | -                                                                                   |
| Partition Plate:                      |             | 710-PPCY2.5/10                                                                    | 710-PPCY2.5/10                                                                    | 710-PPCY2.5/10                                                                     | 710-PPCY2.5/10                                                                      | -                                                                                   |
| Insulated, pluggable Jumper bars:   | 2 Pole      | 710-JX2.5/2                                                                       | 710-JX4/2                                                                         | 710-JY6/2                                                                          | 710-JY10/2                                                                          | 710-JY16/2                                                                          |
|                                                                                                                        | 3 Pole      | 710-JX2.5/3                                                                       | 710-JX4/3                                                                         | 710-JY6/3                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                        | 4 Pole      | 710-JX2.5/4                                                                       | 710-JX4/4                                                                         | 710-JY6/4                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                        | 5 Pole      | 710-JX2.5/5                                                                       | 710-JX4/5                                                                         | 710-JY6/5                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                        | 6 Pole      | 710-JX2.5/6                                                                       | 710-JX4/6                                                                         | 710-JY6/6                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                        | 7 Pole      | 710-JX2.5/7                                                                       | -                                                                                 | 710-JY6/7                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                        | 8 Pole      | 710-JX2.5/8                                                                       | 710-JX4/8                                                                         | 710-JY6/8                                                                          | -                                                                                   | -                                                                                   |
|                                                                                                                        | 10 Pole     | 710-JX2.5/10                                                                      | 710-JX4/10                                                                        | 710-JY6/10                                                                         | -                                                                                   | -                                                                                   |
| Step down Jumpers:                                                                                                     | 6 - 2.5mm²  | 710-JYS6/2.5                                                                      | -                                                                                 | 710-JYS6/2.5                                                                       | -                                                                                   | -                                                                                   |
|                                                                                                                        | 10 - 2.5mm² | 710-JYS10/2.5                                                                     | -                                                                                 | -                                                                                  | 710-JYS10/2.5                                                                       | 710-JYS16/2.5                                                                       |
| Test plug                                                                                                              |             | 710-TX2.5                                                                         | 710-TX2.5                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
| For use with Terminal blocks series:                                                                                   |             | CY2.5                                                                             | CY4                                                                               | CY6                                                                                | CY10                                                                                | CY16                                                                                |
| Marking Tags in card:               |             | 710-MC5                                                                           | 710-MC6                                                                           | 710-MC8                                                                            | 710-MC8                                                                             | 710-MC12                                                                            |
| DIN Rail: TS35x7.5                  |             | 111.013 & 111.020<br>111.025                                                      |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| DIN Rail: TS35x15                   |             |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| End Stop: End Stop for TS32 & TS35  |             | 710.097                                                                           |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| End Stop: End Stop for TS35 Only    |             | 710-CA702                                                                         |                                                                                   |                                                                                    |                                                                                     |                                                                                     |

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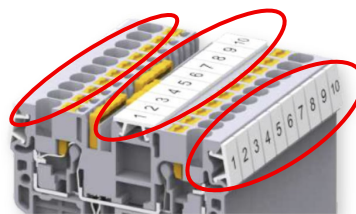


## Marker Cards - Terminal Identification & Marking

MC Series blank marker cards provide space for identifying individual terminal blocks, helping users trace wiring during installation and maintenance. Made from polycarbonate and supplied in card format for convenient handling, they are available in different widths to suit the compatible CY and CP terminal block models listed below.



Blank Marker Card



**CP Series**  
(Terminal identification Example)



**CY Series**  
(Terminal identification Example)

### Blank Marker Cards (Order by Part No.)

| Blank Marker Cards    | MC 3.5       | MC 5         | MC 6       | MC 8          | MC 10       | MC 12       | MC 2    |
|-----------------------|--------------|--------------|------------|---------------|-------------|-------------|---------|
| Part No.:             | 710-MC3.5    | 710-MC5      | 710-MC6    | 710-MC8       | 710-MC10    | 710-MC12    | 710-MC2 |
| Marker Width (mm):    | 3.5mm        | 5mm          | 6mm        | 8mm           | 10mm        | 12mm        | 6mm     |
| Marker Height (mm):   | 1.2mm        |              |            |               |             |             |         |
| Rows per Card:        | 6            |              |            |               |             |             |         |
| Tags per Card:        | 120          | 84           | 72         | 48            | 42          | 36          | 72      |
| Cards per Packet:     | 10           |              |            |               |             |             |         |
| Compatible CP Models: | CP1.5 series | CP2.5 series | CP4 series | CP6/10 series | -           | CP16 series | CPSF4   |
| Compatible CY Models: | -            | CY2.5 series | CY4 series | CY6/10 series | CY10 series | CY16 series | -       |

Information subject to change without notice



## Pluggable Jumper Bars

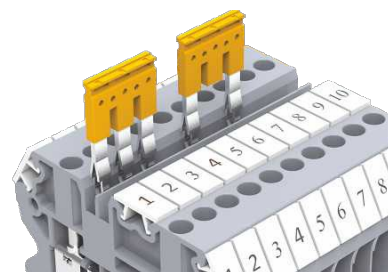
Jumpers are used for creating cross connections between two or more terminals allowing easy circuit distribution.

|                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| JX4/10                                                                            | JX4/4                                                                             | JX4/2                                                                              | JX10/2                                                                              |

### Insulated, pluggable jumper bars (Order by Part No.)

| Terminal Block               | Part No.     | Poles | Max current | Std. Pack. |
|------------------------------|--------------|-------|-------------|------------|
| CP1.5 series                 | 710-JX1.5/2  | 2     | 16 A        | 100        |
|                              | 710-JX1.5/3  | 3     | 16 A        | 50         |
|                              | 710-JX1.5/4  | 4     | 16 A        | 50         |
|                              | 710-JX1.5/10 | 10    | 16 A        | 10         |
| CP2.5 series<br>CY2.5 series | 710-JX2.5/2  | 2     | 24 A        | 100        |
|                              | 710-JX2.5/3  | 3     | 24 A        | 50         |
|                              | 710-JX2.5/4  | 4     | 24 A        | 50         |
|                              | 710-JX2.5/5  | 5     | 24 A        | 50         |
|                              | 710-JX2.5/6  | 6     | 24 A        | 10         |
|                              | 710-JX2.5/7  | 7     | 24 A        | 10         |
|                              | 710-JX2.5/8  | 8     | 24 A        | 10         |
|                              | 710-JX2.5/10 | 10    | 24 A        | 10         |
| CP4 series<br>CY4 series     | 710-JX4/2    | 2     | 32 A        | 100        |
|                              | 710-JX4/3    | 3     | 32 A        | 50         |
|                              | 710-JX4/4    | 4     | 32 A        | 50         |
|                              | 710-JX4/5    | 5     | 32 A        | 50         |
|                              | 710-JX4/6    | 6     | 32 A        | 50         |
|                              | 710-JX4/8    | 8     | 32 A        | 10         |
|                              | 710-JX4/10   | 10    | 32 A        | 10         |
|                              | 710-JX4/16   | 16    | 32 A        | 10         |
| CP6 series                   | 710-JX6/2    | 2     | 41 A        | 100        |
|                              | 710-JX6/3    | 3     | 41 A        | 50         |
|                              | 710-JX6/4    | 4     | 41 A        | 50         |
|                              | 710-JX6/10   | 10    | 41 A        | 10         |
| CY6 series<br>CYG6 series    | 710-JY6/2    | 2     | 41 A        | 100        |
|                              | 710-JY6/3    | 3     | 41 A        | 50         |
|                              | 710-JY6/4    | 4     | 41 A        | 50         |
|                              | 710-JY6/5    | 5     | 41 A        | 50         |
|                              | 710-JY6/6    | 6     | 41 A        | 50         |
|                              | 710-JY6/7    | 7     | 41 A        | 10         |
|                              | 710-JY6/8    | 8     | 41 A        | 10         |
|                              | 710-JY6/10   | 10    | 41 A        | 10         |
| CY10, CYG10 series           | 710-JY10/2   | 2     | 76 A        | 20         |
| CY16, CYG16 series           | 710-JY16/2   | 2     | 76 A        | 20         |

Information subject to change without notice



Individual terminal blocks in an assembly can be skipped from getting shorted with the adjacent terminal.

This is achieved by breaking intermediate contacts from the standard jumpers.



## DIN Rails for CP & CY Series Terminal Blocks

DIN rails provide a common mounting base for CP and CY Series terminal blocks in control panels and electrical enclosures. ITC offers punched, zinc-plated steel rails in standard and heavy-duty versions, with selected models available in 1 m and 2 m lengths to suit different panel layouts.

| Part No. | Model    | Description                                                                        | Length (m) | Differentiator | Standard Pack (m) |
|----------|----------|------------------------------------------------------------------------------------|------------|----------------|-------------------|
| 111.013  | TS35/F6  | Steel rail, punched 6.3x18mm pitch 25mm, zinc plated (RoHS compliant)              | 2m         | Length - 2m    | 40m               |
| 111.020  | TS35/F6m | Steel rail, punched 6.3x18mm pitch 25mm, zinc plated (RoHS compliant)              | 1m         | Length - 1m    | 10m               |
| 111.025  | TS35C/F6 | Heavy-duty steel rail, punched 6.3 x 18mm pitch 25mm, zinc plated (RoHS compliant) | 2m         | Punched        | 20m               |

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## Ferrules for CP & CY Series Terminal Blocks

Ferrules hold stranded wire ends together for insertion into compatible CP and CY Series terminal blocks, helping prevent loose strands during installation. ITC offers insulated ferrules in various wire sizes, sleeve lengths and colour codes. Select the ferrule size and length to match the conductor and terminal requirements.

| AWG | mm <sup>2</sup> | Part No.                                 |                                          |                                          | Drawing | L1                           | L2                  | d                        | D                        | Size               | Pack                     | Tool                                      |
|-----|-----------------|------------------------------------------|------------------------------------------|------------------------------------------|---------|------------------------------|---------------------|--------------------------|--------------------------|--------------------|--------------------------|-------------------------------------------|
|     |                 | DIN Colour Code                          | "W" Colour Code                          | "T" Colour Code                          |         |                              |                     |                          |                          |                    |                          |                                           |
| 24  | 0.25            | 100.256*<br>100.258*                     | 900.256*<br>900.258*                     | 800.256*<br>800.258*                     |         | 10.0<br>12.0                 | 6<br>8              | 0.8<br>0.8               | 2.0<br>2.0               | N<br>L             | 500<br>500               | 500.035<br>500.039<br>500.049<br>500.033K |
| 23  | 0.34            | -                                        | 900.306*<br>900.308*                     | 800.306*<br>-                            |         | 10.0<br>12.0                 | 6<br>8              | 0.8<br>0.8               | 2.0<br>2.0               | N<br>L             | 500<br>500               |                                           |
| 22  | 0.50            | 100.506<br>100.508<br>100.510            | 900.506<br>900.508<br>900.510            | 100.506<br>100.508<br>100.510            |         | 12.0<br>14.0<br>16.0         | 6<br>8<br>10        | 1.1<br>1.1<br>1.1        | 2.4<br>2.4<br>2.4        | S<br>N<br>L        | 500<br>500<br>500        |                                           |
| 20  | 0.75            | 107.506<br>107.508<br>107.510<br>107.512 | 907.506<br>907.508<br>907.510<br>907.512 | 807.506<br>807.508<br>807.510<br>807.512 |         | 12<br>14<br>16<br>18         | 6<br>8<br>10<br>12  | 1.3<br>1.3<br>1.3<br>1.3 | 2.7<br>2.7<br>2.7<br>2.7 | S<br>N<br>L<br>LL  | 500<br>500<br>500<br>500 |                                           |
| 18  | 1.00            | 101.006<br>101.008<br>101.010<br>101.012 | 901.006<br>901.008<br>901.010<br>901.012 | 101.006<br>101.008<br>101.010<br>101.012 |         | 12.0<br>14.0<br>16.0<br>18.0 | 6<br>8<br>10<br>12  | 1.5<br>1.5<br>1.5<br>1.5 | 3.0<br>3.0<br>3.0<br>3.0 | S<br>N<br>L<br>LL  | 500<br>500<br>500<br>500 |                                           |
| 16  | 1.50            | 101.508<br>101.510<br>101.512<br>101.518 | 901.508<br>901.510<br>901.512<br>901.518 | 101.508<br>101.510<br>101.512<br>101.518 |         | 14<br>16<br>18<br>24         | 8<br>10<br>12<br>18 | 1.8<br>1.8<br>1.8<br>1.8 | 3.4<br>3.4<br>3.4<br>3.4 | N<br>L<br>LL<br>XL | 500<br>500<br>500<br>500 |                                           |
| 14  | 2.50            | 102.508<br>102.512<br>102.518            | 102.508<br>102.512<br>102.518            | 802.508<br>802.512<br>802.518            |         | 15<br>17<br>25               | 8<br>12<br>18       | 2.3<br>2.3<br>2.3        | 4.2<br>4.2<br>4.2        | N<br>L<br>LL       | 500<br>500<br>500        |                                           |
| 12  | 4.00            | 104.009<br>104.012<br>104.018            | 104.009<br>104.012<br>104.018            | 804.009<br>804.012<br>804.018            |         | 17<br>19<br>26               | 10<br>12<br>18      | 2.9<br>2.9<br>2.9        | 5.2<br>5.2<br>5.2        | N<br>L<br>LL       | 100<br>100<br>100        |                                           |
| 10  | 6.00            | 106.012<br>106.018                       | 906.012<br>906.018                       | 806.012<br>806.018                       |         | 20<br>26                     | 12<br>18            | 3.6<br>3.6               | 6.2<br>6.2               | N<br>L             | 100<br>100               |                                           |
| 8   | 10.00           | 110.012<br>110.018                       | 910.012<br>910.018                       | 810.012<br>810.018                       |         | 21<br>27                     | 12<br>18            | 4.6<br>4.6               | 7.5<br>7.5               | N<br>L             | 100<br>100               |                                           |
| 6   | 16.00           | 116.012<br>116.018                       | 916.012<br>916.018                       | 816.012<br>816.018                       |         | 23<br>28                     | 12<br>18            | 5.6<br>5.6               | 8.8<br>8.8               | N<br>L             | 100<br>100               |                                           |
| 4   | 25.00           | 125.016<br>125.022                       | 925.016<br>925.022                       | 825.016<br>825.022                       |         | 30<br>35                     | 16<br>22            | 7.8<br>7.8               | 12.0<br>12.0             | N<br>L             | 50<br>50                 |                                           |

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# ELECTRICAL COMPONENTS



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Terminal Blocks



Terminal Strips &  
Parallel Connectors



Interface Connectors



Pushbuttons &  
Control Stations



Led Light bulbs  
& Pilot Lights



Limit Switches



Micro Limit Switches



Safety Switches



Foot Switches



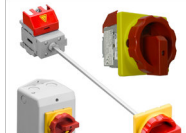
Circuit Breakers



Contactors &  
Starters



Variable Frequency  
Drives



Disconnect Switches



Fuses & Fuse Holders



Tower Lights &  
Signalling Devices



Power Continuity



Ferrules



Colour Coded Lugs



Crimp Terminals



Termination Kits



Cable Glands



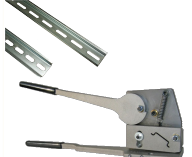
Thread Adapters



Cable Entry Systems



Wire Management



DIN Rail Cutters



Assembly Tables



Cutting & Stripping



Crimping Tools



Hole Cutting &  
Punching Tools

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**sontheimer**