

# CPDL2.5(I.S)



2.5 sq.mm Multiple Connection Internally Shorted Terminal Blocks with 4 connection points.

These blocks are used to connect multiple wires in single Terminal Block, thereby eliminating reliability problems encountered when connecting multiple wires in a single clamp.

### TECHNICAL DATA

|                        |                       |
|------------------------|-----------------------|
| Rated Voltage          | 600 V                 |
| Rated Current          | 20 A                  |
| Housing Material       | Polymide              |
| Standard Colour        | Grey                  |
| Product Function       | Double Level          |
| Wire Entry Orientation | Top                   |
| Mounting Possibility   | DIN 35/DIN 35-15 Rail |
| Rated Surge Voltage    | 8 KV                  |
| Pollution Degree       | 3                     |

### CONNECTION DATA

|   |                     |
|---|---------------------|
| Conductor Cross Section Stranded min.                 | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Stranded max.                 | 2.5 mm <sup>2</sup> |
| Conductor Cross Section AWG/Kcmil min                 | 24 AWG              |
| Conductor Cross Section AWG/Kcmil max                 | 12 AWG              |
| Conductor Cross Section Stranded with Ferrule/Lug min | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Stranded with Ferrule/Lug max | 2.5 mm <sup>2</sup> |
| 2 Conductors with same Cross Section Stranded min     | 0.2 mm <sup>2</sup> |
| 2 Conductor with same Cross Section Stranded max      | 1 mm <sup>2</sup>   |
| Conductor Cross Section Solid min                     | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Solid max                     | 4 mm <sup>2</sup>   |
| Stripping Length                                      | 10 mm               |

### DIMENSIONS

|                                  |          |
|----------------------------------|----------|
| Height with DIN 35 x 15 mm rail  | 57 mm    |
| Height with DIN 35 x 7.5 mm rail | 49.55 mm |
| Length                           | 72.7 mm  |
| Width (Thickness)                | 5 mm     |

### ORDERING INFORMATION

| CAT. NO.       | DESCRIPTION  | STD. PACK |
|----------------|--|-----------|
| CPDL2.5(I.S)   | 2.5 sq.mm 2 level Internally shorted Terminal Block                | 50        |
| CPDL2.5(I.S)BU | 2.5 sq.mm 2 level Internally Shorted Terminal Block in Blue Colour | 50        |

### ACCESSORIES

| IMAGES   | CAT. NO.                           | DESCRIPTION   | STD. PACK |
|----------|------------------------------------|---|-----------|
|          | CA701-1M                           | Din 35 Rail unslotted 1 meter                             | 50        |
|          | CA701-2M                           | Din 35 Rail unslotted 2 meter                             | 50        |
|          | CA701-2M-S                         | Din 35 Rail slotted 2 meter                               | 50        |
|          | CA701-1M-S                         | Din 35 Rail slotted 1 meter                               | 50        |
|          | CA701-15-1M                        | Din 35 Rail 15 deep unslotted 1 meter                     | 50        |
|          | CA701-15-1M-S                      | Din 35 Rail 15 deep slotted 1 meter                       | 50        |
|          | CA701-15-2M                        | Din 35 Rail 15 deep unslotted 2 meter                     | 50        |
|          | CA701-15-2M-S                      | Din 35 Rail 15 deep slotted 2 meter                       | 50        |
|          | CA103                              | EndClamp in Polyamide suitable for Din 35/Din 35-15 rails | 50        |
|          | CA104                              | EndClamp in Polyamide suitable for Din 35/Din 35-15 rails | 50        |
|          | CA509/K5                           | Blank Marking Tag   | 100       |
|          | EPCXDL2.5                          | End Plate in Grey Colour                                  | 50        |
|          | TM5                                | Flexible Marker Carrier for double level Terminal Block   | 50        |
|          | SCS0.5/3                           | Electricians Screwdriver for slotted screws               | 10        |
|          | JX2.5/2                            | Shorting Link for 2.5 sq mm series                        | 100       |
|          | JX2.5/3                            | Shorting Link for 2.5 sq mm series                        | 50        |
|          | JX2.5/4                            | Shorting Link for 2.5 sq mm series                        | 50        |
|          | JX2.5/5                            | Shorting Link for 2.5 sq mm series                        | 50        |
|          | JX2.5/6                            | Shorting Link for 2.5 sq mm series                        | 50        |
|          | JX2.5/7                            | Shorting Link for 2.5 sq mm series                        | 10        |
|          | JX2.5/8                            | Shorting Link for 2.5 sq mm series                        | 10        |
|          | JX2.5/10                           | Shorting Link for 2.5 sq mm series                        | 10        |
| JX2.5/20 | Shorting Link for 2.5 sq.mm series | 10  |           |
|          | TX2.5                              | TEST PLUG   | 20        |

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THE RIGHT CONNECTION

**ACCESSORIES**

| IMAGES   | CAT. NO. | DESCRIPTION                        | STD. PACK |
|--|----------|------------------------------------|-----------|
|  | MC5      | MARKER CARD 5MM PITCH WITH 84 TAGS | 10        |

**APPROVALS**



**NOTES**

The Rated current is with the use of copper (Cu) conductor/Wire

**RATINGS AS PER STANDARDS**

| STANDARDS                             | UL 1059 | IEC/EN60947-7-1     |
|---------------------------------------|---------|---------------------|
| Conductor Cross Section Stranded min. | 24 AWG  | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Stranded max. | 12 AWG  | 2.5 mm <sup>2</sup> |
| Rated Voltage                         | 600 V   | 1000 V              |
| Rated Current                         | 20 A    | 24 A                |