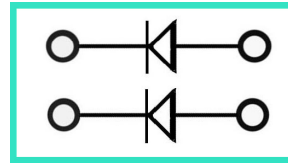
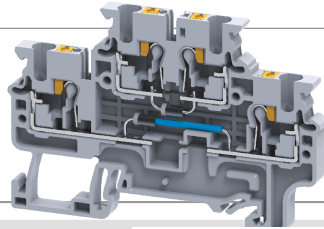


# CPDL2.5(E)DD6



2.5 sq.mm Terminal Blocks in push-in connection with diode circuit - DD6 configuration Double Level Terminal Block are available with Diode circuit for lamp testing with LED series resistance

## TECHNICAL DATA

|                        |                                            |
|------------------------|--------------------------------------------|
| Rated Voltage          | 600 V                                      |
| Rated Current          | 1 A                                        |
| Housing Material       | Polymide                                   |
| Standard Colour        | Grey                                       |
| Product Function       | With Electronic Components: Diode/Resistor |
| Wire Entry Orientation | Top Entry                                  |
| 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 Conductor with same Cross Section Stranded max                       | 0.5 mm <sup>2</sup> |
| Conductor Cross Section Solid min                                      | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Solid max                                      | 2.5 mm <sup>2</sup> |
| 2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max | 0.5 mm <sup>2</sup> |
| Stripping Length                                                       | 10 mm               |

## DIMENSIONS

|                                  |          |
|----------------------------------|----------|
| Height with DIN 15 x 5 mm rail   | mm       |
| Height with DIN 32 rail          | mm       |
| 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     |

## DIODE SPECIFICATIONS

|                       |        |
|-----------------------|--------|
| Diode Type            | 1N4007 |
| Diode Forward Current | 1 A    |
| Diode Maximum Voltage | 1000 V |
| Diode Type            | 1N4007 |

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| Diode Forward Current | 1 A    |
| Diode Maximum Voltage | 1000 V |

## ORDERING INFORMATION

| CAT. NO.      | DESCRIPTION                                                                               | STD. PACK |
|---------------|-------------------------------------------------------------------------------------------|-----------|
| CPDL2.5(E)DD5 | 2.5 sq.mm Terminal Block with electronic components in push-in connection in Grey 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        |
|        | 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        |

# CPDL2.5(E)D D6

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THE RIGHT CONNECTION

## ACCESSORIES

| IMAGES                                                                           | CAT. NO.  | DESCRIPTION                                             | STD. PACK |
|----------------------------------------------------------------------------------|-----------|---------------------------------------------------------|-----------|
|  | CA509/K5  | Blank Marking Tag                                       | 100       |
|  | SCS0.5/3  | Electricians Screwdriver for slotted screws             | 10        |
|  | TM5       | Flexible Marker Carrier for double level Terminal Block | 50        |
|  | TX2.5     | 2.5mm² TEST PLUG                                        | 20        |
|  | EPCXDL2.5 | End Plate in Grey Colour                                | 50        |

## APPROVALS



## CIRCUIT DIAGRAM

## RATINGS AS PER STANDARDS

| STANDARDS                             | UL 1059 | IEC/EN60947-7-1 |
|---------------------------------------|---------|-----------------|
| Conductor Cross Section Stranded min. | 24 AWG  | 0.2 mm²         |
| Conductor Cross Section Stranded max. | 12 AWG  | 2.5 mm²         |
| Rated Voltage                         | 600 V   | 1000 V          |
| Rated Current                         | 1 A     | 1 A             |