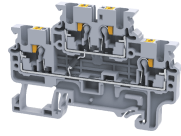


# CPDL4(E)D1



4 sq.mm Terminal Blocks with diode circuit - D1 configuration

Double Level Terminal Block are available with arc suppression circuits for contractors and solenoid valves-D.C

### TECHNICAL DATA

|                        |  |
|------------------------|--|
| Rated Voltage          | 500 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.                                   | 4 mm <sup>2</sup>   |
| Conductor Cross Section AWG/Kcmil min                                   | 24 AWG              |
| Conductor Cross Section AWG/Kcmil max                                   | 10 AWG              |
| Conductor Cross Section Stranded with Ferrule/Lug min                   | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Stranded with Ferrule/Lug max                   | 4 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                        | 2.5 mm <sup>2</sup> |
| Conductor Cross Section Solid min                                       | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Solid max                                       | 6 mm <sup>2</sup>   |
| 2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min | 0.2 mm <sup>2</sup> |
| 2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max  | 0.5 mm <sup>2</sup> |
| Stripping Length  | 11 mm               |
| Internal Cylindrical Gauge  | B3                  |

### DIMENSIONS

|                                  |         |
|----------------------------------|---------|
| Height with DIN 35 x 15 mm rail  | 57 mm   |
| Height with DIN 35 x 7.5 mm rail | 49.6 mm |
| Length                           | 81.6 mm |
| Width (Thickness)                | 6 mm    |

### DIODE SPECIFICATIONS

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

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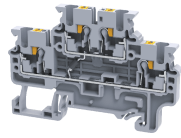
### ORDERING INFORMATION

| CAT. NO.   | DESCRIPTION   | STD. PACK |
|------------|---|-----------|
| CPDL4(E)D1 | 4 sq.mm Terminal Block with electronic components 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        |
|        | JX4/2                          | Shorting Link for 6 mm wide TB                            | 100       |
|        | JX4/3                          | Shorting Link for 6 mm wide TB                            | 50        |
|        | JX4/4                          | Shorting Link for 6 mm wide TB                            | 50        |
|        | JX4/5                          | Shorting Link for 6 mm wide TB                            | 50        |
|        | JX4/8                          | Shorting Link for 6 mm wide TB                            | 10        |
|        | JX4/10                         | Shorting Link for 6 mm wide TB                            | 10        |
| JX4/16 | Shorting Link for 6 mm wide TB | 10  |           |

CPDL4(E)D1



**connectwell**  
THE RIGHT CONNECTION

**ACCESSORIES**

| IMAGES   | CAT. NO. | DESCRIPTION                                 | STD. PACK |
|--|----------|---|-----------|
|  | CA509/K6 | Blank Marking Tag                           | 100       |
|  | SCS0.5/3 | Electricians Screwdriver for slotted screws | 10        |
|  | EPCPD4   | End Plate in Grey Colour                    | 50        |

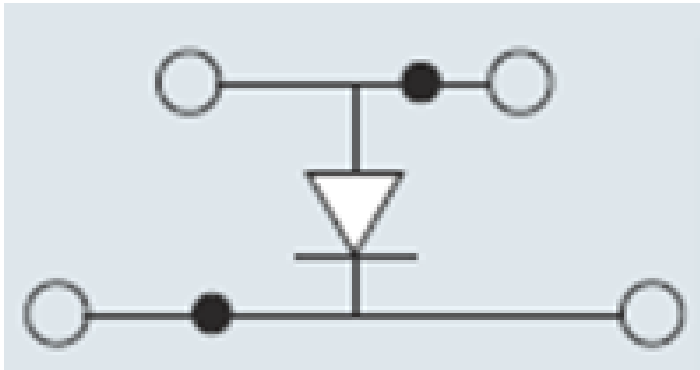
**APPROVALS**



**NOTES**

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

**CIRCUIT DIAGRAM**



**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. | 10 AWG  | 4 mm <sup>2</sup>   |
| Rated Voltage                         | 300 V   | 500 V               |
| Rated Current                         | 1 A     | 1 A                 |