

CDL4UELA



4 sq.mm Surge Suppression Terminal Blocks with Lightning Arrestor.

These Terminal Blocks are designed to protect a single line against a longitudinal (line/earth) surge, thereby protecting distribution and input.

TECHNICAL DATA

| | |
|----------------------------|-----------------------------------|
| Rated Voltage | 500 V |
| Rated Current | 32 A |
| Tightening Torque | 0.5 Nm |
| Housing Material | Polyamide |
| Comparative Tracking Index | 1 |
| Standard Colour | Grey |
| Type of Connection | Screw Clamp |
| Product Function | With Surge Suppressing Components |
| Wire Entry Orientation | Side Entry |
| Mounting Possibility | DIN 32/DIN 35/DIN 35-15 Rail |
| Screw Size | M3 |
| Operated by | Screwdriver |

CONNECTION DATA

| | |
|---|---------------------|
| Conductor Cross Section Stranded min. | 0.2 mm ² |
| Conductor Cross Section Stranded max. | 4 mm ² |
| Conductor Cross Section AWG/Kcmil min | 22 AWG |
| Conductor Cross Section AWG/Kcmil max | 10 AWG |
| Conductor Cross Section Stranded with Ferrule/Lug min | 0.2 mm ² |
| Conductor Cross Section Stranded with Ferrule/Lug max | 4 mm ² |
| 2 Conductors with same Cross Section Stranded min | 0.2 mm ² |
| 2 Conductor with same Cross Section Stranded max | 2.5 mm ² |
| Conductor Cross Section Solid min | 0.2 mm ² |
| Conductor Cross Section Solid max | 6 mm ² |
| 2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min | 0.2 mm ² |
| 2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max | 2.5 mm ² |
| Stripping Length | 9 mm |
| Internal Cylindrical Gauge | A4 |

DIMENSIONS

| | |
|----------------------------------|---------|
| Height with DIN 32 rail | 60.3 mm |
| Height with DIN 35 x 15 mm rail | 63.1 mm |
| Height with DIN 35 x 7.5 mm rail | 55.7 mm |
| Length | 55.5 mm |
| Width (Thickness) | 18 mm |

SURGE SUPPRESSOR SPECIFICATIONS

| | |
|---------------------------------------|----------|
| Impulse Discharge Current | 20 KA |
| Alternating Discharge Current at 50Hz | 20 A |
| Response Time | 100 msec |
| Normal Current | 10 A |
| Capacitance | <1.5 F |

APPROVALS



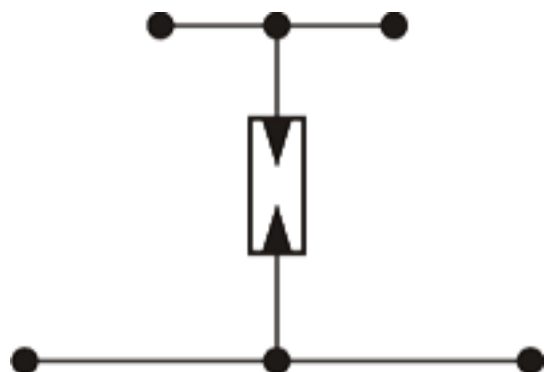
ORDERING INFORMATION

| CAT. NO. | DESCRIPTION | STD. PACK |
|-----------------|--|-----------|
| CDL4U(E)LA75V | 4 sq.mm Surge Suppression Terminal Block in Grey colour suitable for 75V | 20 |
| CDL4UELA(90V) | 4 sq.mm Surge Suppression Terminal Block in Grey colour suitable for 90V | 20 |
| CDL4UELA(240V) | 4 sq.mm Surge Suppression Terminal Block in Grey colour suitable for 230V | 20 |
| CDL4UELA(600V) | 4 sq.mm Surge Suppression Terminal Block in Grey colour suitable for 600V | 20 |
| CDL4UELA(1000V) | 4 sq.mm Surge Suppression Terminal Block in Grey colour suitable for 1000V | 20 |

ACCESSORIES

| IMAGES | CAT. NO. | DESCRIPTION | STD. PACK |
|--------|---------------|--|-----------|
| | CA501-1M | Din 32 Rail unslotted 1 meter | 50 |
| | CA501-1M-S | Din 32 Rail slotted 1 meter | 50 |
| | CA501-2M | Din 32 Rail unslotted 2 meter | 50 |
| | CA501-2M-S | Din 32 Rail slotted 2 meter | 50 |
| | 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 |
| | | | |
| | CA702 | End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails | 50 |
| | CA802 | End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails | 50 |
| | EPCDL4U | End Plate in Grey colour suitable for CDL4U / CDL4U(I,S) / CDL4U(E) Terminal Block | 50 |
| | CA509/K2 | Marking Tag Blank suitable for CDL4U / CDL4U(I,S) / CTL2.5U / CTL2.5UH / CTL2.5UL / CTL2.5HUL / CTL2.5U(I,S) / CTL2.5U(I,S)D2 / CGMT4 / CSFL4U / CSFL4U(L) / CMT4 / CMB4 / ASF4 / ASF4(L) / CTS2.5() | 100 |
| | CDL4USP | Spacer for Double Level Terminal Block | 10 |
| | SCS0.6/3.5 | Electricians Screwdriver for slotted screws | 10 |

CIRCUIT DIAGRAM



RATINGS AS PER STANDARDS

| STANDARDS | IEC/EN60947-7-1 |
|---------------------------------------|---------------------|
| Approvals | CE |
| Conductor Cross Section Stranded min. | 0.2 mm ² |
| Conductor Cross Section Stranded max. | 4 mm ² |
| Rated Voltage | 500 V |
| Rated Current | 32 A |
| Tightening Torque | 0.5 Nm |