

CTS35UN



35 sq.mm Feed Through Terminal Blocks with Slotted Screws

35 sq.mm Feed Through Terminal Blocks are the most Versatile terminals for control, Automation, Instrumentation and Power Distribution applications. A specially designed flexible foot enable easy mounting and dismounting from the Din rail with the help of screw driver. These Terminal Blocks have marker holding recesses to accept marking tags for circuit identification. Cross connection can be achieved with the aid of shorting links / sleeves & screws.

TECHNICAL DATA

| | |
|----------------------------|-------------------------------|
| Rated Voltage | 1000 V |
| Rated Current | 125 A |
| Tightening Torque | 2.5 Nm |
| Housing Material | #Polymide |
| Comparative Tracking Index | 1 |
| Standard Colour | Grey |
| Type of Connection | #Screw Clamp |
| Product Function | #Feed Through |
| Wire Entry Orientation | Side Entry |
| Mounting Possibility | #DIN 32/DIN 35/DIN 35-15 Rail |
| Screw Size | M6 |
| Operated by | Screwdriver |
| Rated Surge Voltage | 8 KV |
| Pollution Degree | 3 |

CONNECTION DATA

| | |
|---|--------------------|
| Conductor Cross Section Stranded min. | 4 mm ² |
| Conductor Cross Section Stranded max. | 35 mm ² |
| Conductor Cross Section AWG/Kcmil min | 12 AWG |
| Conductor Cross Section AWG/Kcmil max | 2 AWG |
| Conductor Cross Section Stranded with Ferrule/Lug min | 4 mm ² |
| Conductor Cross Section Stranded with Ferrule/Lug max | 35 mm ² |
| 2 Conductors with same Cross Section Stranded min | 4 mm ² |
| 2 Conductor with same Cross Section Stranded max | 16 mm ² |
| 2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min | 4 mm ² |
| 2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max | 16 mm ² |
| Stripping Length | 15 mm |
| Internal Cylindrical Guage | A9 |

Dimensions

| | |
|----------------------------------|---------|
| Height with DIN 32 rail | 64.3 mm |
| Height with DIN 35 x 15 mm rail | 66.7 mm |
| Height with DIN 35 x 7.5 mm rail | 59.2 mm |
| Length | 50.5 mm |
| Width (Thickness) | 16 mm |

APPROVALS



ORDERING INFORMATION

| CAT. NO. | DESCRIPTION | STD. PACK |
|-----------|---|-----------|
| CTS35UN | 35 sq.mm Feed Through Terminal Block in Grey colour | 50 |
| CTS35UNBK | 35 sq.mm Feed Through Terminal Block in Black colour | 50 |
| CTS35UNBU | 35 sq.mm Feed Through Terminal Block in Blue colour | 50 |
| CTS35UNGN | 35 sq.mm Feed Through Terminal Block in Green colour | 50 |
| CTS35UNR | 35 sq.mm Feed Through Terminal Block in Red colour | 50 |
| CTS35UNY | 35 sq.mm Feed Through Terminal Block in Yellow colour | 50 |

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 |

| ACCESSORIES..... | | | |
|---|-------------|--|-----------|
| IMAGES | CAT. NO. | DESCRIPTION | STD. PACK |
|  | PP35UN | Partition Plate in Grey colour suitable for CTS35UN Terminal Block | 50 |
|  | CA771/2 | Pre assembled Shorting Link for 2 way shorting | 50 |
| | CA771/3 | Pre assembled Shorting Link for 3 way shorting | 20 |
| | CA771/4 | Pre assembled Shorting Link for 4 way shorting | 20 |
| | CA771/10 | Pre assembled Shorting Link for 10 way shorting | 10 |
|  | CA781/2 | Insulated Pre assembled Shorting Link for 2 way shorting | 50 |
| | CA781/3 | Insulated Pre assembled Shorting Link for 3 way shorting | 20 |
| | CA781/4 | Insulated Pre assembled Shorting Link for 4 way shorting | 20 |
| | CA781/10 | Insulated Pre assembled Shorting Link for 10 way shorting | 10 |
|  | CA703/10 | Permanent Shorting Links for 2 way shorting | 100 |
| | CA704/10 | Permanent Shorting Links for 3 way shorting | 100 |
| | CA705/10 | Permanent Shorting Links for 4 way shorting | 100 |
| | CA770/10 | Permanent Shorting Links for 10 way shorting | 100 |
|  | CA707/S/Q/2 | Shorting Sleeve and Screw suitable for CTS25UN / CTS35UN / CTS35UNA Terminal Blocks. | 100 |
|  | CA509/K16 | Marking Tag Blank suitable for CTS35UNA / CGT35U Terminal Blocks | 100 |
|  | CA707/TS/06 | Test Socket Suitable for CTS25UN / CTS35UN / CTS35UNA Terminal Blocks | 100 |
|  | SCS1/5.5I | Insulated Electricians Screwdriver for slotted screws | 10 |

| RATINGS AS PER STANDARDS | | | |
|---------------------------------------|--------------------|--------------------|--------------------|
| STANDARDS | UL 1059 | CSA C.22.2 No:158 | IEC/EN60947-7-1 |
| Approvals | UL | CSA | CE |
| Conductor Cross Section Stranded min. | 12 AWG | 12 AWG | 4 mm ² |
| Conductor Cross Section Stranded max. | 2 AWG | 2 AWG | 35 mm ² |
| Rated Voltage | 600 V | 600 V | 1000 V |
| Rated Current | 130 A | 130 A | 125 A |
| Tightening Torque | 25 lb-in | 25 lb-in | 2.5 Nm |
| STANDARDS | EN60079-7 | EN60079-7 | |
| Approvals | ATEX | ATEX-IECex | |
| Conductor Cross Section Stranded min. | 10 mm ² | 10 mm ² | |
| Conductor Cross Section Stranded max. | 35 mm ² | 35 mm ² | |
| Rated Voltage | 800 V | 800 V | |
| Rated Current | 109 A | 109 A | |
| Tightening Torque | 2.5 Nm | 2.5 Nm | |

RATINGS AS PER STANDARDS....

Operating Temperature Range

-40 to +85 °C