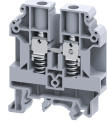


CTS10USC



connectwell
THE RIGHT CONNECTION

10 sq.mm Spring Loaded Terminal Blocks

These Terminal Block are preferred for connections that involves safety requirements of the electric supply industry (ESI) standards, in addition to the high torque screws, these blocks have a built-in spring loading features

TECHNICAL DATA

| | |
|------------------------|------------------------------|
| Rated Voltage | 1000 V |
| Rated Current | 57 A |
| Tightening Torque | 1.2 Nm |
| Housing Material | Polymide |
| Product Function | Feed Through |
| Wire Entry Orientation | Side Entry |
| Mounting Possibility | DIN 32/DIN 35/DIN 35-15 Rail |
| Screw Size | M4 |
| Operated by | Screwdriver |
| Rated Surge Voltage | 8 KV |
| Pollution Degree | 3 |

CONNECTION DATA

| | |
|---|---------------------|
| Conductor Cross Section Stranded min. | 0.2 mm ² |
| Conductor Cross Section Stranded max. | 10 mm ² |
| Conductor Cross Section AWG/Kcmil min | 20 AWG |
| Conductor Cross Section AWG/Kcmil max | 6 AWG |
| Conductor Cross Section Stranded with Ferrule/Lug min | 0.2 mm ² |
| Conductor Cross Section Stranded with Ferrule/Lug max | 10 mm ² |
| 2 Conductors with same Cross Section Stranded min | 0.2 mm ² |
| 2 Conductor with same Cross Section Stranded 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 | 6 mm ² |
| Stripping Length | 14 mm |

DIMENSIONS

| | |
|----------------------------------|---------|
| Height with DIN 32 rail | 68.2 mm |
| Height with DIN 35 x 15 mm rail | 70.8 mm |
| Height with DIN 35 x 7.5 mm rail | 63.4 mm |
| Length | 52 mm |
| Width (Thickness) | 10 mm |

ORDERING INFORMATION

| CAT. NO. | DESCRIPTION | STD. PACK |
|------------|---|-----------|
| CTS10USC | 10 sqmm Spring loaded Terminal Block in Grey colour | 50 |
| CTS10USCBU | 10 sqmm Spring loaded Terminal Block in Blue colour | 50 |

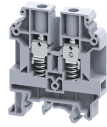
APPROVALS



NOTES

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

CTS10USC



connectwell
THE RIGHT CONNECTION

RATINGS AS PER STANDARDS

| STANDARDS | UL 1059 | IEC/EN60947-7-1 | CSA C.22.2 No:158 |
|---------------------------------------|----------------|------------------------|--------------------------|
| Approvals | UL | CE | CSA |
| Conductor Cross Section Stranded min. | 20 AWG | 0.2 mm ² | 20 AWG |
| Conductor Cross Section Stranded max. | 6 AWG | 10 mm ² | 6 AWG |
| Rated Voltage | 1000 V | 1000 V | 1000 V |
| Rated Current | 65 A | 57 A | 65 A |
| Tightening Torque | 14 lb-in | 1.2 Nm | 14 lb-in |