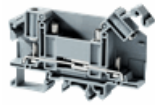


STH4DT



Stud Type Terminal Block

These Terminal Blocks are preferred for applications where the connections are subjected to severe vibrations. The wire is crimped to ring /fork type Lug (Ferrule) and is screwed on to flat current bar on the Terminal Block. The fastening nut always remains captive in the hinged plastic carrier. The Hinged Carrier should be lifted to insert the lugs and then snapped back into position. The nut can then be fastened to complete the connection. By the virtue of the hinged design the Terminal Blocks apart from shrouding the live parts, providing IP20 protection, saves considerable time in wiring. STH4DT Disconnect & Test Terminal Block is used for measuring, control and regulatory circuits. They provide a clear functional advantage for devices having utility instruments and associated transformers. Separate testing points facilitate insertion of test probes. Disconnection is achieved by means of slide link operated with a screwdriver.

TECHNICAL DATA

| | |
|----------------------------|------------------------------|
| Rated Voltage | 1000 V |
| Rated Current | 41 A |
| Tightening Torque | 1.2 Nm |
| Housing Material | Polyamide |
| Comparative Tracking Index | 1 |
| Standard Colour | Grey |
| Type of Connection | Stud / Busbar / Bolt |
| Product Function | Feed Through |
| Wire Entry Orientation | Side Entry |
| Mounting Possibility | DIN 32/DIN 35/DIN 35-15 Rail |
| Stud Size | M4 |
| Operated by | Screwdriver |
| Rated Surge Voltage | 8 KV |
| Pollution Degree | 3 |

CONNECTION DATA

| | |
|---|---------------------|
| Conductor Cross Section Stranded min. | 1.5 mm ² |
| Conductor Cross Section Stranded max. | 6 mm ² |
| Conductor Cross Section AWG/Kcmil min | 22 AWG |
| Conductor Cross Section AWG/Kcmil max | 8 AWG |
| 2 Conductors with same Cross Section Stranded min | 1.5 mm ² |
| 2 Conductor with same Cross Section Stranded max | 6 mm ² |
| Conductor Cross Section Solid min | 1.5 mm ² |
| Conductor Cross Section Solid max | 10 mm ² |
| Stripping Length | 10 mm |

DIMENSIONS

| | |
|----------------------------------|---------|
| Height with DIN 32 rail | 56.4 mm |
| Height with DIN 35 x 15 mm rail | 59 mm |
| Height with DIN 35 x 7.5 mm rail | 52.2 mm |
| Length | 86 mm |
| Width (Thickness) | 11 mm |

APPROVALS



ORDERING INFORMATION

| CAT. NO. | DESCRIPTION | STD. PACK |
|----------|--|-----------|
| STH4DT | 6 Sq.mm Hinge Type Disconnect and Test Terminal Block in Grey Colour | 50 |
| STH4DTBU | 6 Sq.mm Hinge Type Disconnect and Test Terminal Block in Blue 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 |

ACCESSORIES....

| IMAGES | CAT. NO. | DESCRIPTION | STD. PACK |
|--------|---------------|---|-----------|
| | 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 |
| | EPSTH4DT | End Plate in Grey colour suitable for STH4DT / STH4DTSH Terminal Block | 50 |
| | CA514/13-2 | Insulated Removable Shorting Link available in 2 Pole | 100 |
| | CA514/13-3 | Insulated Removable Shorting Link available in 3 Pole | 50 |
| | CA514/13-4 | Insulated Removable Shorting Link available in 4 Pole | 50 |
| | QJ11/2 | 2 Pole shorting Plug for STH4DT Terminal Block | 25 |
| | CA512/13-2 | Removable Shorting link available in 2 Pole | 100 |
| | CA512/13-3 | Removable Shorting link available in 3 Pole | 50 |
| | CA512/13-4 | Removable Shorting link available in 4 Pole | 50 |
| | CA512/14-2 | Uninsulated removable Type Shorting link 2 Pole | 100 |
| | CA512/14-3 | Uninsulated removable Type Shorting link 3 Pole | 100 |
| | CA512/14-4 | Uninsulated removable Type Shorting link 4 Pole | 100 |
| | CA509/K10 | Marking Tag Blank suitable for CTS10U / CGT10U / CGT10N / CHV10U / CTS10USC / STH4 / STH4DT / STH4DTSH / CSC10T Terminal Blocks | 100 |
| | LCSTH4DT | Lock Out Cap for STH4DT Terminal Block | 50 |
| | CA512/14-2 | Ring Type Shorting Link for 2 way Shorting | 100 |
| | CA512/14-3 | Ring Type Shorting Link for 3 way Shorting | 50 |
| | CA512/14-4 | Ring Type Shorting Link for 4 way Shorting | 50 |
| | CA514/14-2 | Insulated Ring Type Shorting Link for 2 way Shorting | 100 |
| | CA514/14-3 | Insulated Ring Type Shorting Link for 3 way Shorting | 50 |
| | CA514/14-4 | Insulated Ring Type Shorting Link for 4 way Shorting | 50 |

ACCESSORIES.....

| IMAGES | CAT. NO. | DESCRIPTION | STD. PACK |
|--|----------|---|-----------|
|  | SCS1/5.5 | Electricians Screwdriver for slotted screws | 10 |

RATINGS AS PER STANDARDS

| STANDARDS | IEC/EN60947-7-1 | UL 1059 | CSA C.22.2 No:158 |
|---------------------------------------|---------------------|----------|-------------------|
| Approvals | CE | UL | CSA |
| Conductor Cross Section Stranded min. | 1.5 mm ² | 22 AWG | 22 AWG |
| Conductor Cross Section Stranded max. | 6 mm ² | 8 AWG | 8 AWG |
| Rated Voltage | 1000 V | 600 V | 600 V |
| Rated Current | 41 A | 35 A | 35 A |
| Tightening Torque | 1.2 Nm | 14 lb-in | 14 lb-in |