

CDS6U/SCA



connectwell
THE RIGHT CONNECTION

6 sq.mm Disconnect & Test Terminal Blocks

The CDS6U/SCA 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 a slide link operated with a screw driver.

In the CDS6U/SCA Disconnect & Test Terminal Block, an additional safety spring is provided underneath the screw clamp. These Terminal Blocks are preferred for connections that involve safety requirements of the Electric Supply Industry (ESI) standards, British CEBG regulations and NTPC applications.

The SLS2 and SLS4 slide shorting link can be used in combination with either the supplied screw or the TPSLS Test point screw system.

Lock out cap LCCDS can be used to lock the center shorting screw, to prevent accidental opening of circuits.

TECHNICAL DATA

| | |
|------------------------|----------------------------------|
| Rated Voltage | 800 V |
| Rated Current | 41 A |
| Tightening Torque | 0.8 Nm |
| Housing Material | Polymide |
| Product Function | Sliding Type Disconnect and Test |
| Wire Entry Orientation | Side Entry |
| Mounting Possibility | DIN 32/DIN 35/DIN 35-15 Rail |
| Screw Size | M3.5 |
| 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. | 6 mm ² |
| Conductor Cross Section AWG/Kcmil min | 22 AWG |
| Conductor Cross Section AWG/Kcmil max | 8 AWG |
| Conductor Cross Section Stranded with Ferrule/Lug min | 0.2 mm ² |
| Conductor Cross Section Stranded with Ferrule/Lug max | 6 mm ² |
| 2 Conductors with same Cross Section Stranded min | 0.2 mm ² |
| 2 Conductor with same Cross Section Stranded max | 4 mm ² |
| Conductor Cross Section Solid min | 0.2 mm ² |
| Conductor Cross Section Solid max | 10 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 | 4 mm ² |
| Internal Cylindrical Guage | A5 |

DIMENSIONS

| | |
|----------------------------------|---------|
| Height with DIN 32 rail | 56.7 mm |
| Height with DIN 35 x 15 mm rail | 59.2 mm |
| Height with DIN 35 x 7.5 mm rail | 51 mm |

DIMENSIONS

| | |
|-------------------|-------|
| Length | 82 mm |
| Width (Thickness) | 8 mm |

ORDERING INFORMATION

| CAT. NO. | DESCRIPTION | STD. PACK |
|-----------|---|-----------|
| CDS6U/SCA | 6 sq.mm Disconnect & Test spring loaded Terminal Block in Grey 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 |
| | EPCDS6U | End Plate in Grey colour | 50 |



ACCESSORIES

| IMAGES | CAT. NO. | DESCRIPTION | STD. PACK |
|--------|----------|---|-----------|
| | CA723/2 | Pre Assembled Shorting Link assemblies with 2 poles | 100 |
| | CA723/3 | Pre Assembled Shorting Links assemblies with 3 poles | 50 |
| | CA723/4 | Pre assembled Shorting Link assemblies with 4 poles | 50 |
| | CA723/5 | Pre assembled Shorting Link assemblies with 5 poles | 50 |
| | CA723/6 | Pre assembled Shorting Link assemblies with 6 poles | 10 |
| | CA723/7 | Pre assembled Shorting Link assemblies with 7 poles | 10 |
| | CA723/10 | Pre Assembled Shorting Links assemblies with 10 poles | 10 |
| | SLS2 | 2 Pole Slide shorting Link for CDS6U Terminal Block | 50 |
| | SLS4 | 4 Pole Slide shorting Link for CDS6U Terminal Block | 25 |
| | SWCDS | Switchable Link Assembly for CDS6U Terminal Block | 50 |
| | SLS3 | 3 Pole Slide shorting Link for CDS6U Terminal Block | 50 |
| | QJ8/2 | 2 Pole shorting Plug for CDS6U Terminal Block | 25 |
| | QJ8/4 | 4 Pole shorting Plug for CDS6U Terminal Block | 25 |
| | CA509/K8 | Marking Tag with Vertical printing. | 100 |
| | MC8 | MARKER CARD 8MM PITCH WITH 48 TAGS | 10 |
| | TPSLS | Insulated Test Socket for CDS6U Terminal Block | 100 |
| | TPSLSBK | Insulated Test Socket for CDS6U Terminal Block Black | 100 |
| | TPSLSBU | Insulated Test Socket for CDS6U Terminal Block Blue | 100 |
| | TPSLSR | Insulated Test Socket for CDS6U Terminal Block Red | 100 |
| | TPSLSY | Insulated Test Socket for CDS6U Terminal Block Yellow | 100 |
| | TPSLSGN | Insulated Test Socket for CDS6U Terminal Block Green | 100 |

ACCESSORIES

| IMAGES | CAT. NO. | DESCRIPTION | STD. PACK |
|--------|----------|--|-----------|
| | LCCDS | Lock Out Cap for CDS6U Terminal Block | 50 |
| | CA604/1 | Hook Type Lug / Ferrule (Insulated) suitable for 1.5 sq.mm wire size | 100 |
| | CA604/2 | Hook Type Lug / Ferrule (Non-Insulated) suitable for 2.5 sq.mm wire size | 100 |
| | 601320 | Hook Type Lug / Ferrule (Insulated) suitable for 2.5 sq.mm wire size | 100 |
| | CA604/5 | Hook Type Lug / Ferrule (Insulated) suitable for 4 sq.mm wire size | 100 |
| | SCS0.8/4 | Electricians Screwdriver for slotted screws | 10 |

APPROVALS



NOTES

These disconnecting Terminal Blocks are not suitable for interrupting load. The supply must be switched off before operating the disconnecting Link.