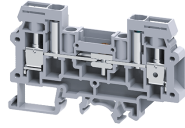


# CDS6U



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## 6 sq.mm Disconnect & Test Terminal Blocks

The CDS6U 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.

### 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 <sup>2</sup> |
| Conductor Cross Section Stranded max.                                   | 6 mm <sup>2</sup>   |
| 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 <sup>2</sup> |
| Conductor Cross Section Stranded with Ferrule/Lug max                   | 6 mm <sup>2</sup>   |
| 2 Conductors with same Cross Section Stranded min                       | 0.2 mm <sup>2</sup> |
| 2 Conductor with same Cross Section Stranded max                        | 4 mm <sup>2</sup>   |
| Conductor Cross Section Solid min                                       | 0.2 mm <sup>2</sup> |
| Conductor Cross Section Solid max                                       | 10 mm <sup>2</sup>  |
| 2 Conductors with same Cross Section Stranded with TWIN Ferrule/Lug min | 0.2 mm <sup>2</sup> |
| 2 Conductor with same Cross Section Stranded with TWIN Ferrule/Lug max  | 4 mm <sup>2</sup>   |
| Stripping Length  | 10 mm               |
| Internal Cylindrical Gauge  | 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   |
| Length                           | 82 mm   |
| Width (Thickness)                | 8 mm    |

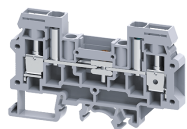
### ORDERING INFORMATION

| CAT. NO. | DESCRIPTION  | STD. PACK |
|----------|--|-----------|
| CDS6U    | 6 sq.mm Disconnect & Test Terminal Block in Grey colour. | 50        |
| CDS6UBU  | 6 sq.mm Disconnect & 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        |
|        | 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        |
|        | 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        |

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## ACCESSORIES

| IMAGES | CAT. NO. | DESCRIPTION   | STD. PACK |
|--------|----------|---|-----------|
|        | SLS2     | 2 Pole Slide shorting Link for CDS6U Terminal Block   | 50        |
|        | SLS10    | 10 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       |
|        | 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       |
|        | SCS0.8/4 | Electricians Screwdriver for slotted screws           | 10        |
|        | LCCDS    | Lock Out Cap for CDS6U Terminal Block                 | 50        |

## APPROVALS



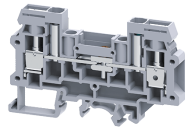
## NOTES

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

## RATINGS AS PER STANDARDS

| STANDARDS | UL 1059 | IEC/EN60947-7-1 | CSA C.22.2 No:158 |
|-----------|---------|-----------------|-------------------|
| Approvals | UL      | CE              | CSA               |

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**RATINGS AS PER STANDARDS**

|                                       |          |                     |          |
|---------------------------------------|----------|---------------------|----------|
| Conductor Cross Section Stranded min. | 22 AWG   | 0.2 mm <sup>2</sup> | 22 AWG   |
| Conductor Cross Section Stranded max. | 8 AWG    | 6 mm <sup>2</sup>   | 8 AWG    |
| Rated Voltage                         | 600 V    | 800 V               | 600 V    |
| Rated Current                         | 45 A     | 41 A                | 45 A     |
| Tightening Torque                     | 14 lb-in | 0.8 Nm              | 14 lb-in |