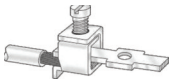


# OVERVIEW

## SCREW TERMINAL BLOCKS

## INTRODUCTION

### SCREW CLAMP CONNECTION TECHNOLOGY

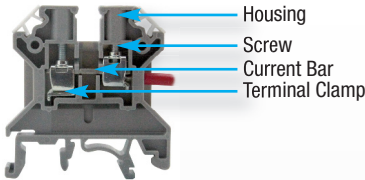


- Maximum wiring efficiency and reliability
- Supplied with open clamps ready to accept wires
- No wire preparation necessary (with/ without ferrule)
- Vibration resistant/ Gas-tight connection
- For very larger wire sizes (up to 250 kcmil)
- Designed for most stringent requirements
- Simple connection with standard flat head screwdriver



60947-7-1

### MATERIAL SPECIFICATIONS



#### Current Carrying Metal *Corrosion free material*

- Clamp: zinc chromate passivated steel
- Screw: zinc chromate passivated steel
- Current Bar: nickel plated copper alloy / tin plated copper

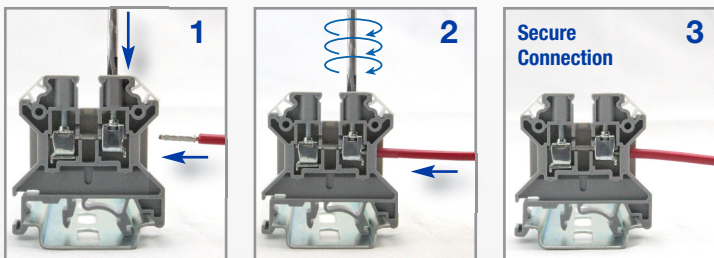
#### Terminal Block Housing

- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

#### Polyamide 66 Specifications

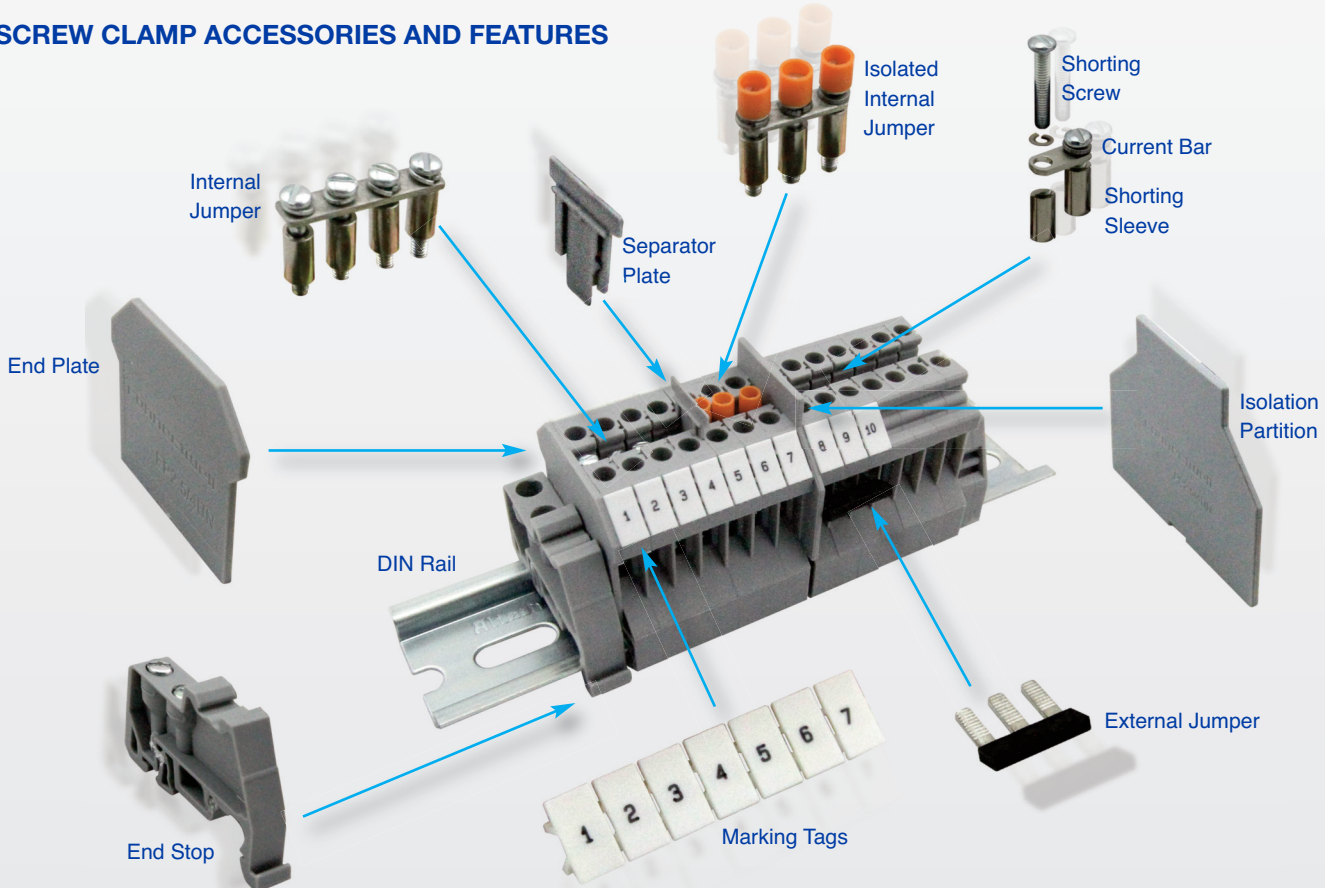
- Upper Temperature Limit: 105°C
- Lower Temperature Limit: -50°C
- Flammability UL94: V2/ V0
- Volume Resistivity: 10<sup>12</sup> Ω cm
- Surface Resistivity: 10<sup>10</sup> Ω

### INSTALLATION GUIDELINES



- 1 Insert Wire into open clamp
- 2 Tighten screw to specified torque
- 3 Remove Screwdriver, screw terminal is closed with locking feature for a reliable/ safe connection

### SCREW CLAMP ACCESSORIES AND FEATURES



**Feed Through Terminal Blocks**

- Up to 240A
- Multi-Connection Terminals
- Double Level Terminal
- Triple Level Terminals
- Ground Blocks
- Wide range of accessories
- All standard colors



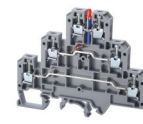
**Feed Through**  
page 6-8



**Multi-Connection**  
page 9



**Double Level**  
page 10-12



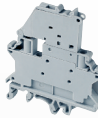
**Triple Level**  
page 14-15



**Ground / Earth**  
page 16-17

**Fuse Terminal Blocks**

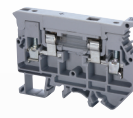
- 1/4" x 1" Fuse Terminal Blocks
- 5x20mm/ 5x25mm Fuse Terminal Blocks
- Double level versions
- Component Carrier for flexible requirements
- 10x38, CC, J-Type Fuse Holder



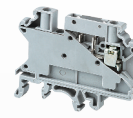
**5x20mm / 5x25mm  
CF4U / CF4SP**  
page 18-19



**Double Lever  
DDFL4U**  
page 20-21



**1/4"x1"  
CAFL4U**  
page 22



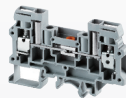
**Component Carrier  
CCC4U**  
page 23



**Fuse Holder**  
page 24-25

**Disconnect & Test Terminal Blocks**

- Slider Style
- Blade/ Knife Style
- Lever Style
- Accessories and matching Feed Through terminals



**Slider Style  
CDS6U**  
page 26-27



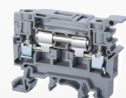
**Blade Style  
CKT4U**  
page 28



**Blade Style  
CKT4SP**  
page 29



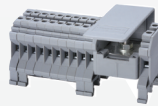
**Slider Style  
CDDTU**  
page 30



**Lever Style  
CSDL4U**  
page 31

**Power Distribution Terminal Blocks**

- Various I/O configurations
- Up to 150A
- Compact Hybrid Distribution Block



**CDB Series**  
page 32-33



**CMDB Series**  
page 34



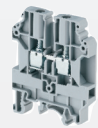
**Hybrid CXDB Series**  
page 35



**Distribution/Grounding**  
page 36

**Special Application Terminal Blocks**

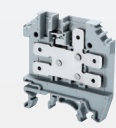
- Spring Loaded Terminals for high vibration applications
- 1000V High Voltage Terminals
- Thermocouple Terminals
- Tab Connection Terminals
- Electronic Components Terminals



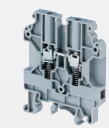
**1000V High Voltage  
CHV Series**  
page 37



**Thermocouple  
CTT2.5U Series**  
page 38



**Tab Connection  
CTC Series**  
page 39



**Spring Loaded  
USC Series**  
page 36-37



**Electronic  
Components**  
page 42-47

**Accessories**

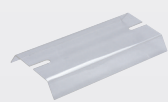
- Internal Jumpers (Uninsulated, Insulated)
- Endplates
- Partition/ Separator Plates
- Protective Covers
- End Stops



**Jumpers**  
page 48



**Endplates, Separators, End Stops, Covers, etc.**  
page 49



## HIGHLIGHTS

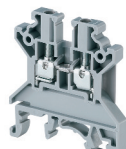
### FEATURES

- Altech CTS Series of Universal Screw Terminal Blocks featuring global standards
- Universal mounting foot for easy snap onto common DIN rail profiles
- Screw-type jumper system
- Current Ratings up to 240A

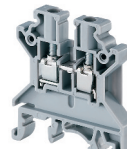
### APPLICATIONS

- Ex & IECEx approvals for use in potentially explosive areas
- Control, Automation applications
- Power Distribution

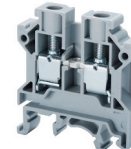
### CTS2.5U-N



### CTS4U-N



### CTS6U



### Dimensions & Weight

|                    | CTS2.5U-N                 | CTS4U-N            | CTS6U              |
|--------------------|---------------------------|--------------------|--------------------|
| Width              | 5 mm                      | 6 mm               | 8 mm               |
| Length             | 43 mm                     | 43 mm              | 43 mm              |
| Height w/ DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 46.2 mm<br>53.7 mm | 47.8 mm<br>55.5 mm |
| Weight per piece   | 6.2 g                     | 7.6 g              | 13.5 g             |

### Technical Data/Ratings

| Approvals                    | CTS2.5U-N        |                         | CTS4U-N          |                       | CTS6U            |                       |
|------------------------------|------------------|-------------------------|------------------|-----------------------|------------------|-----------------------|
|                              | UL US<br>E220514 | SP US<br>60947-7-1      | UL US<br>E220514 | SP US<br>60947-7-1    | UL US<br>E220514 | SP US<br>60947-7-1    |
| Wire Size (solid / stranded) | 22-12 AWG        | 0.2-2.5 mm <sup>2</sup> | 22-10 AWG        | 0.2-4 mm <sup>2</sup> | 22-8 AWG         | 0.5-6 mm <sup>2</sup> |
| Voltage Rating               | 600 V            | 1000V AC/DC             | 600 V            | 1000V AC/DC           | 600 V            | 1000V AC/DC           |
| Current Rating               | 25 A             | 24 A                    | 35 A             | 32 A                  | 50 A             | 41 A                  |
| Torque                       | 7 lb-in          | 0.4 Nm                  | 7 lb-in          | 0.5 Nm                | 14 lb-in         | 0.8 Nm                |
| Insulation Material          | Polyamide 66     |                         | Polyamide 66     |                       | Polyamide 66     |                       |

### Installation Instructions

|                       | CTS2.5U-N              | CTS4U-N                | CTS6U                  |
|-----------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 8 mm                   | 8 mm                   | 9 mm                   |
| Screwdriver           | Flat Head 0.5 x 3.0 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.8 x 4.0 mm |

### Terminal Blocks

|                        | Cat. No.         | Std. Pk. | Cat. No.       | Std. Pk. | Cat. No.     | Std. Pk. |
|------------------------|------------------|----------|----------------|----------|--------------|----------|
| <b>Grey (standard)</b> | <b>CTS2.5U-N</b> | 100      | <b>CTS4U-N</b> | 100      | <b>CTS6U</b> | 100      |
| Red R                  | CTS2.5U-N/R      | 100      | CTS4U-N/R      | 100      | CTS6U/R      | 100      |
| Blue BU                | CTS2.5U-N/BU     | 100      | CTS4U-N/BU     | 100      | CTS6U/BU     | 100      |
| Black BL               | CTS2.5U-N/BL     | 100      | CTS4U-N/BL     | 100      | CTS6U/BL     | 100      |
| Orange O               | CTS2.5U-N/O      | 100      | CTS4U-N/O      | 100      | CTS6U/O      | 100      |
| Green G                | CTS2.5U-N/G      | 100      | CTS4U-N/G      | 100      | CTS6U/G      | 100      |
| Yellow Y               | CTS2.5U-N/Y      | 100      | CTS4U-N/Y      | 100      | CTS6U/Y      | 100      |
| White W                | CTS2.5U-N/W      | 100      | CTS4U-N/W      | 100      | CTS6U/W      | 100      |



### Mounting Handle

Mounting handle is used for mounting 10 terminal blocks on a DIN rail, thus saving considerable time. Specially designed pins in the mounting handle grip the terminal blocks when pressed against entry.

Cat. No. Terminal Block Std. Pk.

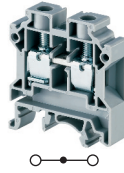
|       |           |   |
|-------|-----------|---|
| MH2.5 | CTS2.5U-N | 1 |
| MH4   | CTS4U-N   | 1 |



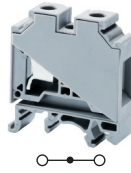
### Accessories

|                           | Cat. No.  | Std. Pk.   | Cat. No.                         | Std. Pk.   | Cat. No.                         | Std. Pk.                                       |                            |
|---------------------------|---|--|----------------------------------|--|----------------------------------|--|----------------------------|
| End Plate                 | EP2.5/4UN   | 50   | EP2.5/4UN                        | 50   | EP6/10U                          | 50   |                            |
| Partition Plate           | PP2.5/4UN   | 50   | PP2.5/4UN                        | 50   | PP6/10U                          | 50   |                            |
| Separator Plate           | SP2.5/4UN   | 100  | SP2.5/4UN                        | 100  | SP6/10U                          | 100  |                            |
| DIN Rail                  | 2511120<br>CA701-15/S<br>2511160                  | 20<br>20<br>10   | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10   | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10                                 |                            |
| End Stop                  | CA702<br>CA802<br>CA202                           | 50<br>50<br>25   | CA702<br>CA802<br>CA202          | 50<br>50<br>25   | CA702<br>CA802<br>CA202          | 50<br>50<br>25                                 |                            |
| Internal Jumper           | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole | CA721/2<br>CA721/3<br>CA721/4<br>CA721/10<br>CA721/100 | 100<br>100<br>100<br>10<br>10    | CA722/2<br>CA722/3<br>CA722/4<br>CA722/10<br>CA722/100 | 100<br>100<br>50<br>10<br>10     | CA723/2<br>CA723/3<br>CA723/4<br>CA723/10<br>- | 100<br>50<br>50<br>10<br>- |
| Insulated Internal Jumper | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole | CA741/2<br>CA741/3<br>CA741/4<br>CA741/10<br>CA741/100 | 100<br>100<br>100<br>10<br>10    | CA742/2<br>CA742/3<br>CA742/4<br>CA742/10<br>CA742/100 | 100<br>100<br>100<br>10<br>10    | CA743/2<br>CA743/3<br>CA743/4<br>CA743/10<br>- | 100<br>50<br>50<br>10<br>- |
| External Jumper           | 2 pole<br>3 pole<br>4 pole<br>10 pole             | CA717/2<br>CA717/3<br>CA717/4<br>CA717/10              | 100<br>100<br>100<br>20          | CA714/2<br>CA714/3<br>CA714/4<br>CA714/10              | 100<br>100<br>100<br>20          | CA710/2<br>CA710/3<br>CA710/4<br>CA710/10      | 100<br>50<br>50<br>20      |
| Test Socket               | CA707/TS/01                                       | 100  | CA707/TS/01                      | 100  | CA707/TS/05                      | 100  |                            |
| Marking Tag               | MT5   | 1 Pk. (100 tags)                                       | MT6                              | 1 Pk. (100 tags)                                       | MT8                              | 1 Pk. (100 tags)                               |                            |

**CTS10U**



**CTS16U**



**CTS25U**



**CTS35UN**



**Dimensions & Weight**

|                   |                           |                    |                    |                    |
|-------------------|---------------------------|--------------------|--------------------|--------------------|
| Width             | <b>10 mm</b>              | <b>12 mm</b>       | <b>12 mm</b>       | <b>16 mm</b>       |
| Length            | 43 mm                     | 43 mm              | 49 mm              | 50.5 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 47.8 mm<br>55.5 mm | 47.8 mm<br>55.5 mm | 57.2 mm<br>64.7 mm |
| Weight per piece  | 16.5 g                    | 25.5 g             | 35.5 g             | 50.5 g             |

**Technical Data/Ratings**

|                              |                 |          |                        |                 |          |                        |                 |                      |                   |                      |
|------------------------------|-----------------|----------|------------------------|-----------------|----------|------------------------|-----------------|----------------------|-------------------|----------------------|
| Approvals                    |                 |          |                        |                 |          |                        |                 |                      |                   |                      |
| Wire Size (solid / stranded) | <b>16-6 AWG</b> | 22-6 AWG | 0.5-10 mm <sup>2</sup> | <b>20-4 AWG</b> | 22-6 AWG | 0.2-16 mm <sup>2</sup> | <b>14-2 AWG</b> | 4-25 mm <sup>2</sup> | <b>12-1/0 AWG</b> | 4-35 mm <sup>2</sup> |
| Voltage Rating               | 600 V           | 600 V    | 1000V AC/DC            | 600 V           | 600 V    | 1000V AC/DC            | 600 V           | 1000V AC/DC          | 600 V             | 1000V AC/DC          |
| Current Rating               | 65 A            | 65 A     | 57 A                   | 85 A            | 70 A     | 76 A                   | 105 A           | 101 A                | 150 A             | 125 A                |
| Torque                       | 14 lb-in        | 14 lb-in | 1.2 Nm                 | 14 lb-in        | 14 lb-in | 1.2 Nm                 | 30 lb-in        | 2.0 Nm               | 50 lb-in          | 2.5 Nm               |
| Insulation Material          | Polyamide 66    |          |                        | Polyamide 66    |          |                        | Polyamide 66    |                      | Polyamide 66      |                      |

**Installation Instructions**

|                       |                        |                        |                        |                        |
|-----------------------|------------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 11 mm                  | 12 mm                  | 14 mm                  | 15 mm                  |
| Screwdriver           | Flat Head 0.8 x 4.0 mm | Flat Head 1.0 x 5.5 mm | Flat Head 1.0 x 5.5 mm | Flat Head 1.0 x 5.5 mm |

**Terminal Blocks**

|                        | Cat. No.      | Std. Pk. | Cat. No.      | Std. Pk. | Cat. No.      | Std. Pk. | Cat. No.       | Std. Pk. |
|------------------------|---------------|----------|---------------|----------|---------------|----------|----------------|----------|
| <b>Grey (standard)</b> | <b>CTS10U</b> | 100      | <b>CTS16U</b> | 50       | <b>CTS25U</b> | 50       | <b>CTS35UN</b> | 50       |
| Red R                  | CTS10U/R      | 100      | CTS16U/R      | 50       | CTS25U/R      | 50       | CTS35UN/R      | 50       |
| Blue BU                | CTS10U/BU     | 100      | CTS16U/BU     | 50       | CTS25U/BU     | 50       | CTS35UN/BU     | 50       |
| Black BL               | CTS10U/BL     | 100      | CTS16U/BL     | 50       | CTS25U/BL     | 50       | CTS35UN/BL     | 50       |
| Orange O               | CTS10U/O      | 100      | CTS16U/O      | 50       | CTS25U/O      | 50       | CTS35UN/O      | 50       |
| Green G                | CTS10U/G      | 100      | CTS16U/G      | 50       | CTS25U/G      | 50       | CTS35UN/G      | 50       |
| Yellow Y               | CTS10U/Y      | 100      | CTS16U/Y      | 50       | CTS25U/Y      | 50       | CTS35UN/Y      | 50       |
| White W                | CTS10U/W      | 100      | CTS16U/W      | 50       | CTS25U/W      | 50       | CTS35UN/W      | 50       |

**Accessories**

|                           | Cat. No.   | Std. Pk.                   | Cat. No.   | Std. Pk.                    | Cat. No.   | Std. Pk.                   | Cat. No.   | Std. Pk.                  |
|---------------------------|--|----------------------------|--|-----------------------------|--|----------------------------|--|---------------------------|
| End Plate                 | EP6/10U  | 50                         | -  | -                           | -  | -                          | -  | -                         |
| Partition Plate           | PP6/10U  | 50                         | -  | -                           | PP25UN   | 50                         | PP35UN   | 50                        |
| Separator Plate           | SP6/10U  | 100                        | SP6/10U  | 100                         | -  | -                          | -  | -                         |
| DIN Rail                  | 2511120<br>CA701-15/S<br>2511160   | 20<br>20<br>10             | 2511120<br>CA701-15/S<br>2511160   | 20<br>20<br>10              | 2511120<br>CA701-15/S<br>2511160   | 20<br>20<br>10             | 2511120<br>CA701-15/S<br>2511160   | 20<br>20<br>10            |
| End Stop                  | CA702<br>CA802<br>CA202  | 50<br>50<br>25             | CA702<br>CA802<br>CA202  | 50<br>50<br>25              | CA702<br>CA802<br>CA202  | 50<br>50<br>25             | CA702<br>CA802<br>CA202  | 50<br>50<br>25            |
| Internal Jumper           | 2 pole CA724/2<br>3 pole CA724/3<br>4 pole CA724/4<br>10 pole CA724/10<br>100 pole - | 100<br>50<br>50<br>10<br>- | 2 pole CA751/2<br>3 pole CA751/3<br>4 pole CA751/4<br>10 pole CA751/10<br>100 pole CA751/100 | 50<br>50<br>50<br>10<br>10  | 2 pole CA725/2<br>3 pole CA725/3<br>4 pole CA725/4<br>10 pole CA725/10<br>100 pole CA725/100 | 50<br>20<br>20<br>10<br>10 | 2 pole CA771/2<br>3 pole CA771/3<br>4 pole CA771/4<br>10 pole CA771/10<br>100 pole - | 50<br>20<br>20<br>10<br>- |
| Insulated Internal Jumper | 2 pole CA744/2<br>3 pole CA744/3<br>4 pole CA744/4<br>10 pole CA744/10<br>100 pole - | 100<br>50<br>50<br>10<br>- | 2 pole CA761/2<br>3 pole CA761/3<br>4 pole CA761/4<br>10 pole CA761/10<br>100 pole CA761/100 | 100<br>50<br>50<br>10<br>10 | 2 pole CA745/2<br>3 pole CA745/3<br>4 pole CA745/4<br>10 pole CA745/10<br>100 pole CA745/100 | 50<br>20<br>20<br>10<br>10 | 2 pole CA781/2<br>3 pole CA781/3<br>4 pole CA781/4<br>10 pole CA781/10<br>100 pole - | 50<br>20<br>20<br>10<br>- |
| External Jumper           | 2 pole CA718/2<br>3 pole CA718/3<br>4 pole CA718/4<br>10 pole CA718/10               | 100<br>50<br>50<br>20      | -<br>-<br>-<br>-   | -<br>-<br>-<br>-            | -<br>-<br>-<br>-   | -<br>-<br>-<br>-           | -<br>-<br>-<br>-   |                           |
| Test Socket               | CA707/TS/05  | 100                        | CA707/TS/05  | 100                         | CA707/TS/06  | 100                        | CA707/TS/06  | 100                       |
| Marking Tag               | MT10   | 1 Pk. (100 tags)           | MT12   | 1 Pk. (100 tags)            | MT12   | 1 Pk. (100 tags)           | MT16   | 1 Pk. (100 tags)          |

# FEED-THROUGH

## SCREW TERMINAL BLOCKS

## SINGLE LEVEL POWER TERMINAL BLOCKS

### HIGHLIGHTS

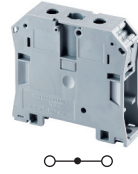
#### FEATURES

- DIN Rail and Panel mountable
- Voltage Rating 1000V
- Current Rating up to 240A
- Hex Screw version for easier tightening (NA)
- Auxiliary block for easy plug in

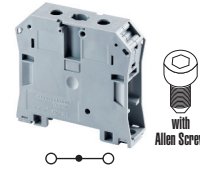
#### APPLICATIONS

- Power Distribution
- Solar Applications
- **AUX6** auxiliary for indicator light or contactor

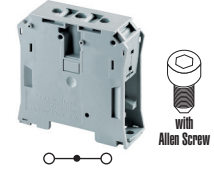
### CTS50/70N



### CTS50/70NA



### CTS95/120N



#### Dimensions & Weight

|                   | CTS50/70N                 | CTS50/70NA         | CTS95/120N         |
|-------------------|---------------------------|--------------------|--------------------|
| Width             | 20.5 mm                   | 20.5 mm            | 27.0 mm            |
| Length            | 77.3 mm                   | 77.3 mm            | 84.5 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 71.1 mm<br>78.1 mm | 83.0 mm<br>90.5 mm |
| Weight per piece  | 93.8 g                    | 95.0 g             | 177.2 g            |

#### Technical Data/Ratings

| Approvals                    |                                   |  |                                   |  |                                      |  |
|------------------------------|-----------------------------------|--|-----------------------------------|--|--------------------------------------|--|
| Wire Size (solid / stranded) | 8-2/0 AWG / 10-70 mm <sup>2</sup> |  | 8-2/0 AWG / 10-70 mm <sup>2</sup> |  | 2-250 KCMIL / 25-120 mm <sup>2</sup> |  |
| Voltage Rating               | 1000 V / 1000 V AC/DC             |  | 1000 V / 1000 V AC/DC             |  | 1000 V / 1000 V AC/DC                |  |
| Current Rating               | 175 A / 192 A                     |  | 175 A / 192 A                     |  | 240 A / 269 A                        |  |
| Torque                       | 38 lb-in / 3.0 Nm                 |  | 38 lb-in / 3.0 Nm                 |  | 90 lb-in / 6.0 Nm                    |  |
| Insulation Material          | Polyamide 66                      |  |                                   |  |                                      |  |

#### Installation Instructions

|                       |                      |                   |                   |
|-----------------------|----------------------|-------------------|-------------------|
| Wire Stripping Length | 22 mm                | 22 mm             | 24 mm             |
| Screwdriver           | Flat Head 1.0x7.5 mm | Allen Wrench 5 mm | Allen Wrench 6 mm |

#### Terminal Blocks

|                        | Cat. No.         | Std. Pk. | Cat. No.          | Std. Pk. | Cat. No.          | Std. Pk. |
|------------------------|------------------|----------|-------------------|----------|-------------------|----------|
| <b>Grey (standard)</b> | <b>CTS50/70N</b> | 20       | <b>CTS50/70NA</b> | 20       | <b>CTS95/120N</b> | 10       |
| Red R                  | CTS50/70N/R      | 20       | CTS50/70NA/R      | 20       | CTS95/120N/R      | 10       |
| Blue BU                | CTS50/70N/BU     | 20       | CTS50/70NA/BU     | 20       | CTS95/120N/BU     | 10       |
| Black BL               | CTS50/70N/BL     | 20       | CTS50/70NA/BL     | 20       | CTS95/120N/BL     | 10       |
| Orange O               | CTS50/70N/O      | 20       | CTS50/70NA/O      | 20       | CTS95/120N/O      | 10       |
| Green G                | CTS50/70N/G      | 20       | CTS50/70NA/G      | 20       | CTS95/120N/G      | 10       |
| Yellow Y               | CTS50/70N/Y      | 20       | CTS50/70NA/Y      | 20       | CTS95/120N/Y      | 10       |
| White W                | CTS50/70N/W      | 20       | CTS50/70NA/W      | 20       | CTS95/120N/W      | 10       |

#### Accessories

|                      | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|----------------------|------------|------------------|------------|------------------|------------|------------------|
| DIN Rail             | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
|                      | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|                      | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| End Stop             | CA702      | 50               | CA702      | 50               | CA702      | 50               |
|                      | CA802      | 50               | CA802      | 50               | CA802      | 50               |
|                      | CA202      | 25               | CA202      | 25               | CA202      | 25               |
| Shorting Link System | CA628/2    | 10               | CA628/2    | 10               | CA629/2    | 10               |
|                      | CA628/3    | 10               | CA628/3    | 10               | CA629/3    | 10               |
| Marking Tag          | MT16       | 1 Pk. (100 tags) | MT16       | 1 Pk. (100 tags) | MT16       | 1 Pk. (100 tags) |

#### Cat. No AUX6

##### Auxiliary Terminal Block

Used for:  
CTS50/70N  
CTS50/70NA  
CTS95/120N

In certain power circuits, there is a need to take an extra connection for an Auxiliary circuit like an indicating light or contactor. The AUX6 terminal easily plugs into the terminal and provides this extra connection point.



##### Ratings

###### IEC60947-7-1

Voltage/Current: 1000 V / 41 A  
Torque: 0.8 Nm

###### IEC 60079-7

Voltage/Current: 630 V / 36 A  
Torque: 0.8 Nm

###### UL-1059

Voltage/Current: 600 V / 50 A  
Torque: 14 lb-in

###### CSA22.2-158

Voltage/Current: 600 V / 50 A  
Torque: 14 lb-in

Wire Range: 22-8 AWG

Width x Length x Height: 8 x 53.6 x 29.4 mm

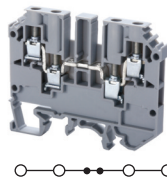
Std. Pk.: 10

Marking Tag: MT8

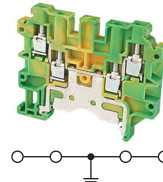
**CMC1-2**



**CMC2-2**



**CMCG4**



**Dimensions & Weight**

|                    |                           |                    |                    |                    |                    |  |
|--------------------|---------------------------|--------------------|--------------------|--------------------|--------------------|--|
| Width              | 6 mm                      |                    | 6 mm               |                    | 6 mm               |  |
| Length             | 46.5 mm                   |                    | 65.0 mm            |                    | 65.0 mm            |  |
| Height w/ DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 49.5 mm<br>56.5 mm | 53.4 mm<br>60.5 mm | 53.7 mm<br>60.9 mm | 53.7 mm<br>60.9 mm |  |
| Weight per piece   | 11.0 g                    |                    | 16.0 g             |                    | 21.6 g             |  |

**Technical Data/Ratings**

|                              |              |                       |              |                       |              |                       |
|------------------------------|--------------|-----------------------|--------------|-----------------------|--------------|-----------------------|
| Approvals                    |              |                       |              |                       |              |                       |
| Wire Size (solid / stranded) | 22-10 AWG    | 0.2-4 mm <sup>2</sup> | 22-10 AWG    | 0.2-4 mm <sup>2</sup> | 24-10 AWG    | 0.2-4 mm <sup>2</sup> |
| Voltage Rating               | 600 V        | 630 V AC/DC           | 600 V        | 630 V AC/DC           | 600 V        | 1000 V AC/DC          |
| Current Rating               | 35 A         | 32 A                  | 35 A         | 32 A                  | -            | -                     |
| Torque                       | 7 lb-in      | 0.5 Nm                | 7 lb-in      | 0.5 Nm                | 4.5 lb-in    | 0.5 Nm                |
| Insulation Material          | Polyamide 66 |                       | Polyamide 66 |                       | Polyamide 66 |                       |

**Installation Instructions**

|                       |                        |  |                        |  |                        |  |
|-----------------------|------------------------|--|------------------------|--|------------------------|--|
| Wire Stripping Length | 9 mm                   |  | 9 mm                   |  | 9 mm                   |  |
| Screwdriver           | Flat Head 0.6 x 3.5 mm |  | Flat Head 0.6 x 3.5 mm |  | Flat Head 0.6 x 3.5 mm |  |

**Terminal Blocks**

|                        | Cat. No.      | Std. Pk. | Cat. No.      | Std. Pk. | Cat. No.     | Std. Pk. |
|------------------------|---------------|----------|---------------|----------|--------------|----------|
| <b>Grey (standard)</b> | <b>CMC1-2</b> | 100      | <b>CMC2-2</b> | 50       | <b>CMCG4</b> | 50       |
| Red R                  | CMC1-2/R      | 100      | CMC2-2/R      | 50       | Yellow/Green |          |
| Blue BU                | CMC1-2/BU     | 100      | CMC2-2/BU     | 50       |              |          |
| Black BL               | CMC1-2/BL     | 100      | CMC2-2/BL     | 50       |              |          |
| Orange O               | CMC1-2/O      | 100      | CMC2-2/O      | 50       |              |          |
| Green G                | CMC1-2/G      | 100      | CMC2-2/G      | 50       |              |          |
| Yellow Y               | CMC1-2/Y      | 100      | CMC2-2/Y      | 50       |              |          |
| White W                | CMC1-2/W      | 100      | CMC2-2/W      | 50       |              |          |

**Accessories**

|                           | Cat. No.   | Std. Pk.                      | Cat. No.   | Std. Pk.                      | Cat. No.                         | Std. Pk.              |
|---------------------------|--|-------------------------------|--|-------------------------------|----------------------------------|-----------------------|
| End Plate                 | EPCMC1-2   | 50                            | EPCMC2-2   | 50                            | EPCMC2-2                         | 50                    |
| DIN Rail                  | 2511120<br>CA701-15/S<br>2511160   | 20<br>20<br>10                | 2511120<br>CA701-15/S<br>2511160   | 20<br>20<br>10                | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10        |
| End Stop                  | CA702<br>CA802<br>CA202  | 50<br>50<br>25                | CA702<br>CA802<br>CA202  | 50<br>50<br>25                | CA702<br>CA802<br>CA202          | 50<br>50<br>25        |
| Internal Jumper           | 2 pole CA722/2<br>3 pole CA722/3<br>4 pole CA722/4<br>10 pole CA722/10<br>100 pole CA722/100 | 100<br>100<br>50<br>10<br>10  | 2 pole CA722/2<br>3 pole CA722/3<br>4 pole CA722/4<br>10 pole CA722/10<br>100 pole CA722/100 | 100<br>100<br>50<br>10<br>10  | -<br>-<br>-<br>-<br>-            | -<br>-<br>-<br>-<br>- |
| Insulated Internal Jumper | 2 pole CA742/2<br>3 pole CA742/3<br>4 pole CA742/4<br>10 pole CA742/10<br>100 pole CA742/100 | 100<br>100<br>100<br>10<br>10 | 2 pole CA742/2<br>3 pole CA742/3<br>4 pole CA742/4<br>10 pole CA742/10<br>100 pole CA742/100 | 100<br>100<br>100<br>10<br>10 | -<br>-<br>-<br>-<br>-            | -<br>-<br>-<br>-<br>- |
| External Jumper           | 2 pole CA713/2<br>3 pole CA713/3<br>4 pole CA713/4<br>10 pole CA713/10                       | 100<br>100<br>100<br>20       | 2 pole CA713/2<br>3 pole CA713/3<br>4 pole CA713/4<br>10 pole CA713/10                       | 100<br>100<br>100<br>20       | -<br>-<br>-<br>-                 | -<br>-<br>-<br>-      |
| Test Socket               | CA707/TS/01  |                               | CA707/TS/01  |                               | -                                | -                     |
| Marking Tag               | MT6  | 1 Pk. (100 tags)              | MT6  | 1 Pk. (100 tags)              | MT6                              | 1 Pk. (100 tags)      |

**HIGHLIGHTS**

**FEATURES**

- 3 to 4 connections
- Up to 2 connection points on each side
- 2 jumper channels on **CMC2-2** for individual potential distribution
- **CMCG4** same profile as regular feed-through version

**APPLICATIONS**

- Connecting different type of wires with different wire sizes into a single terminal block
- Simple distribution applications

### HIGHLIGHTS

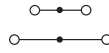
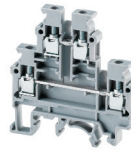
#### FEATURES

- Accommodates larger **MT6** marking tags on both levels
- Independent and internally shorted version
- CDL4UN** offers jumper channel on both levels
- Same profile Ground versions
- Grounding Level on **CDLG4** is identified by green/yellow imprint

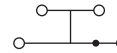
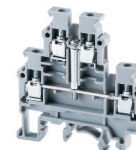
#### APPLICATIONS

- High density wiring applications

### CDL4UN



### CDL4UN(I.S)



#### Dimensions & Weight

|                   | CDL4UN             | CDL4UN(I.S)        |
|-------------------|--------------------|--------------------|
| Width             | 6 mm               | 6 mm               |
| Length            | 57.0 mm            | 57.0 mm            |
| Height w DIN Rail | 59.5 mm<br>67.2 mm | 59.5 mm<br>67.2 mm |
| Weight per piece  | 13.8 g             | 15.6 g             |

#### Technical Data/Ratings

| Approvals                          | CDL4UN       |                       | CDL4UN(I.S)  |                       |
|------------------------------------|--------------|-----------------------|--------------|-----------------------|
| CE, UL, Ex, IEC, Lowvoltage, IECEx | C US E220514 | C SP US 60947-7-1     | C US E220514 | C SP US 60947-7-1     |
| Wire Size (solid / stranded)       | 22-10 AWG    | 0.2-4 mm <sup>2</sup> | 22-10 AWG    | 0.2-4 mm <sup>2</sup> |
| Voltage Rating                     | 600 V        | 800 V AC/DC           | 600 V        | 800 V AC/DC           |
| Current Rating                     | 35 A         | 32 A                  | 35 A         | 32 A                  |
| Torque                             | 7 lb-in      | 0.5Nm                 | 7 lb-in      | 0.5Nm                 |
| Insulation Material                | Polyamide 66 |                       | Polyamide 66 |                       |

#### Installation Instructions

|                       |                        |                        |
|-----------------------|------------------------|------------------------|
| Wire Stripping Length | 9 mm                   | 9 mm                   |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

#### Terminal Blocks

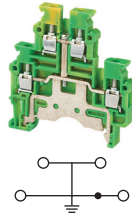
|                        | Cat. No.      | Std. Pk. | Cat. No.           | Std. Pk. |
|------------------------|---------------|----------|--------------------|----------|
| <b>Grey (standard)</b> | <b>CDL4UN</b> | 100      | <b>CDL4UN(I.S)</b> | 100      |
| Red R                  | CDL4UN/R      | 100      | CDL4UN(I.S)/R      | 100      |
| Blue BU                | CDL4UN/BU     | 100      | CDL4UN(I.S)/BU     | 100      |
| Black BL               | CDL4UN/BL     | 100      | CDL4UN(I.S)/BL     | 100      |
| Orange O               | CDL4UN/O      | 100      | CDL4UN(I.S)/O      | 100      |
| Green G                | CDL4UN/G      | 100      | CDL4UN(I.S)/G      | 100      |
| Yellow Y               | CDL4UN/Y      | 100      | CDL4UN(I.S)/Y      | 100      |
| White W                | CDL4UN/W      | 100      | CDL4UN(I.S)/W      | 100      |

#### Accessories

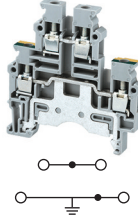
|                           | Cat. No.  | Std. Pk.   | Cat. No.                         | Std. Pk.   |
|---------------------------|---|--|----------------------------------|--|
| End Plate                 | EPCDL4UN  | 50   | EPCDL4UN                         | 50   |
| Separator Plate           | SPCDL4U   | 100  | SPCDL4U                          | 100  |
| DIN Rail                  | 2511120<br>CA701-15/S<br>2511160                  | 20<br>20<br>10   | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10   |
| End Stop                  | CA702<br>CA802<br>CA202                           | 50<br>50<br>25   | CA702<br>CA802<br>CA202          | 50<br>50<br>25   |
| Internal Jumper           | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole | CA722/2<br>CA722/3<br>CA722/4<br>CA722/10<br>CA722/100 | 100<br>100<br>100<br>10<br>10    | CA722/2<br>CA722/3<br>CA722/4<br>CA722/10<br>CA722/100 |
| Insulated Internal Jumper | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole | CA742/2<br>CA742/3<br>CA742/4<br>CA742/10<br>CA742/100 | 100<br>100<br>100<br>10<br>10    | CA742/2<br>CA742/3<br>CA742/4<br>CA742/10<br>CA742/100 |
| External Jumper           | 2 pole<br>3 pole<br>4 pole<br>10 pole             | CA714/2<br>CA714/3<br>CA714/4<br>CA714/10              | 100<br>50<br>50<br>20            | CA714/2<br>CA714/3<br>CA714/4<br>CA714/10              |
| Test Socket               | CA707/TS/01                                       | 100  | CA707/TS/01                      | 100  |
| Marking Tag               | MT6   | 1 Pk. (100 tags)                                       | MT6                              | 1 Pk. (100 tags)                                       |

### FEED THROUGH DOUBLE LEVEL

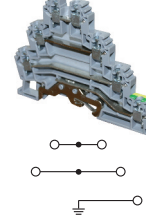
#### CDLG4(I.S)



#### CDLG4



#### CDLG2.5



#### Dimensions & Weight

| Width             | 6 mm                      | 6 mm               | 6 mm               |
|-------------------|---------------------------|--------------------|--------------------|
| Length            | 57.0 mm                   | 57.0 mm            | 71.0 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 59.5 mm<br>67.2 mm | 59.5 mm<br>67.2 mm |
| Weight per piece  | 22.2 g                    | 20.6 g             | 20.2 g             |

#### Technical Data/Ratings

| Approvals                    |              |                       |                    |                       |              |                         |
|------------------------------|--------------|-----------------------|--------------------|-----------------------|--------------|-------------------------|
| Wire Size (solid / stranded) | 24-10 AWG    | 0.2-4 mm <sup>2</sup> | 24-10 AWG          | 0.2-4 mm <sup>2</sup> | 24-12 AWG    | 0.2-2.5 mm <sup>2</sup> |
| Voltage Rating               | 150 V        | 500 V AC/DC           | 150 V              | 500 V AC/DC           | 300 V        | 500 V                   |
| Current Rating               | -            | -                     | 32 A (upper level) | 32 A                  | 24 A         | 24 A                    |
| Torque                       | 4.5 lb-in    | 0.5 Nm                | 4.5 lb-in          | 0.5 Nm                | 4.5 lb-in    | 0.4 Nm                  |
| Insulation Material          | Polyamide 66 |                       | Polyamide 66       |                       | Polyamide 66 |                         |

#### Installation Instructions

|                       |                        |                        |                        |
|-----------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 8 mm                   | 8 mm                   | 9 mm                   |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.5 x 3.0 mm |

#### Terminal Blocks

|                     | Cat. No.          | Std. Pk. | Cat. No.     | Std. Pk. | Cat. No.       | Std. Pk. |
|---------------------|-------------------|----------|--------------|----------|----------------|----------|
| <b>Yellow/Green</b> | <b>CDLG4(I.S)</b> | 100      | <b>CDLG4</b> | 100      | <b>CDLG2.5</b> | 100      |

#### Accessories

|                           | Cat. No.  | Std. Pk.   | Cat. No.                         | Std. Pk.   | Cat. No.                         | Std. Pk.                                       |                              |
|---------------------------|---|--|----------------------------------|--|----------------------------------|--|------------------------------|
| End Plate                 | EPCDL4UN  | 50   | EPCDL4UN                         | 50   | EPCDLG2.5                        | 50   |                              |
| Separator Plate           | SPCDL4U   | 100  | SPCDL4U                          | 100  | SPCDLG2.5                        | 100  |                              |
| DIN Rail                  | 2511120<br>CA701-15/S<br>2511160                  | 20<br>20<br>10   | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10   | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10                                 |                              |
| End Stop                  | CA702<br>CA802<br>CA202                           | 50<br>50<br>25   | CA702<br>CA802<br>CA202          | 50<br>50<br>25   | CA702<br>CA802<br>CA202          | 50<br>50<br>25                                 |                              |
| Internal Jumper           | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole | CA722/2<br>CA722/3<br>CA722/4<br>CA722/10<br>CA722/100 | 100<br>100<br>50<br>10<br>10     | CA722/2<br>CA722/3<br>CA722/4<br>CA722/10<br>CA722/100 | 100<br>100<br>50<br>10<br>10     | CA627/2<br>CA627/3<br>CA627/4<br>CA627/10<br>- | 100<br>100<br>100<br>10<br>- |
| Insulated Internal Jumper | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole | CA742/2<br>CA742/3<br>CA742/4<br>CA742/10<br>CA742/100 | 100<br>100<br>100<br>10<br>10    | CA742/2<br>CA742/3<br>CA742/4<br>CA742/10<br>CA742/100 | 100<br>100<br>100<br>10<br>10    | -<br>-<br>-<br>-<br>-                          | -<br>-<br>-<br>-<br>-        |
| External Jumper           | 2 pole<br>3 pole<br>4 pole<br>10 pole             | CA714/2<br>CA714/3<br>CA714/4<br>CA714/10              | 100<br>50<br>50<br>20            | CA714/2<br>CA714/3<br>CA714/4<br>CA714/10              | 100<br>50<br>50<br>20            | CA715/2<br>CA715/3<br>CA715/4<br>CA715/10      | 100<br>100<br>100<br>20      |
| Test Socket               | CA707/TS/01                                       | 100  | CA707/TS/01                      | 100  | CA707/TS/01                      | 100  |                              |
| Marking Tag               | MT6   | 1 Pk. (100 tags)                                       | MT6                              | 1 Pk. (100 tags)                                       | MT2G                             | 1 Pk. (100 tags)                               |                              |



# DOUBLE LEVEL

## SCREW TERMINAL BLOCKS

### HIGHLIGHTS

#### FEATURES

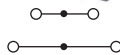
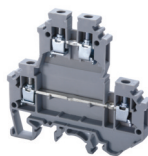
- Top Level is offset by half terminal width from lower level
- Offset allows better access to both levels even when fully wired
- Different Endplates for front and back side guarantee flush mounting to neighboring terminal blocks or end stops  
(EPODL4U and EP1ODL4U)

#### APPLICATIONS

- High density wiring applications

## FEED THROUGH OFFSET DOUBLE LEVEL

### ODL4U



#### Dimensions & Weight

|                   |                           |
|-------------------|---------------------------|
| <b>Width</b>      |                           |
| Length            |                           |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm |
| Weight per piece  |                           |

|                    |
|--------------------|
| <b>6 mm</b>        |
| 68 mm              |
| 65.0 mm<br>71.1 mm |
| 14.5 g             |

#### Technical Data/Ratings

|                              |              |  |
|------------------------------|--------------|--|
| Approvals                    |              |  |
| Wire Size (solid / stranded) | 22-10 AWG    |  |
| Voltage Rating               | 600 V        |  |
| Current Rating               | 35 A         |  |
| Torque                       | 7 lb-in      |  |
| Insulation Material          | Polyamide 66 |  |

|              |                       |  |
|--------------|-----------------------|--|
|              |                       |  |
| 22-10 AWG    | 0.2-4 mm <sup>2</sup> |  |
| 600 V        | 800 VAC/DC            |  |
| 35 A         | 32 A                  |  |
| 7 lb-in      | 0.5 Nm                |  |
| Polyamide 66 |                       |  |

#### Installation Instructions

|                       |  |
|-----------------------|--|
| Wire Stripping Length |  |
| Screwdriver           |  |

|                        |
|------------------------|
| 9 mm                   |
| Flat Head 0.6 x 3.5 mm |

#### Terminal Blocks

|                        |    |  |
|------------------------|----|--|
| <b>Grey (standard)</b> |    |  |
| Red                    | R  |  |
| Blue                   | BU |  |
| Black                  | BL |  |
| Orange                 | O  |  |
| Green                  | G  |  |
| Yellow                 | Y  |  |
| White                  | W  |  |

| Cat. No.     | Std. Pk. |
|--------------|----------|
| <b>ODL4U</b> | 100      |
| ODL4U/R      | 100      |
| ODL4U/BU     | 100      |
| ODL4U/BL     | 100      |
| ODL4U/O      | 100      |
| ODL4U/G      | 100      |
| ODL4U/Y      | 100      |
| ODL4U/W      | 100      |

#### Accessories

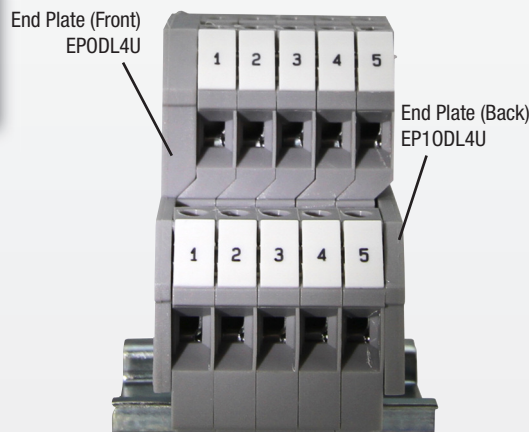
|                           |   |
|---------------------------|---|
| End Plate                 |   |
| Separator Plate           |   |
| DIN Rail                  |   |
| End Stop                  |   |
| Internal Jumper           | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole<br> |
| Insulated Internal Jumper | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole<br> |
| External Jumper           | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>             |
| Test Socket               |   |
| Marking Tag               |   |

| Cat. No.        | Std. Pk.         |
|-----------------|------------------|
| EPODL4U (Front) | 50               |
| EP1ODL4U (Back) | 50               |
| SPCDL4U         | 100              |
| 2511120         | 20               |
| CA701-15/S      | 20               |
| 2511160         | 10               |
| CA702           | 50               |
| CA802           | 50               |
| CA202           | 25               |
| CA727/2         | 100              |
| CA727/3         | 100              |
| CA727/4         | 100              |
| CA727/10        | 10               |
| CA727/100       | 10               |
| CA747/2         | 100              |
| CA747/3         | 100              |
| CA747/4         | 100              |
| CA747/10        | 10               |
| CA747/100       | 10               |
| CA714/2         | 100              |
| CA714/3         | 100              |
| CA714/4         | 100              |
| CA714/10        | 20               |
| CA707/TS/01     |                  |
| MT6             | 1 Pk. (100 tags) |

ODL4U  
(without End Plates)

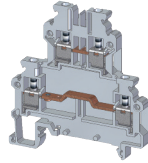


ODL4U  
(with End Plates)

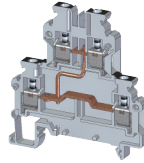


## FEED THROUGH DOUBLE LEVEL

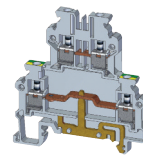
### ODL2.5



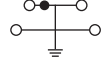
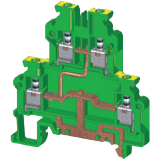
### ODL2.5(I.S)



### ODLG2.5



### ODLG2.5(I.S)



### Dimensions & Weight

|                   | ODL2.5                    | ODL2.5(I.S)        | ODLG2.5            | ODLG2.5(I.S)       |
|-------------------|---------------------------|--------------------|--------------------|--------------------|
| Width             | 5 mm                      | 5 mm               | 5 mm               | 5 mm               |
| Length            | 62.0 mm                   | 62.0 mm            | 62.0 mm            | 62.0 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 63.0 mm<br>70.5 mm | 63.0 mm<br>70.5 mm | 63.0 mm<br>70.5 mm |
| Weight per piece  | 13.0 g                    | 14.2 g             | 15.3 g             | 17.0 g             |

### Technical Data/Ratings

| Approvals                    | UL           |                         | IEC          |                         | UL           |                         | IEC          |                         |
|------------------------------|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|
|                              | 60947-7-1    |                         | 60947-7-1    |                         | 60947-7-1    |                         | 60947-7-1    |                         |
| Wire Size (solid / stranded) | 24-12 AWG    | 0.2-2.5 mm <sup>2</sup> | 24-12 AWG    | 0.2-2.5 mm <sup>2</sup> | 24-12 AWG    | 0.2-2.5 mm <sup>2</sup> | 24-12 AWG    | 0.2-2.5 mm <sup>2</sup> |
| Voltage Rating               | 300 V        | 800 V AC/DC             | 300 V        | 800 V AC/DC             | 300 V        | 800 V AC/DC             | 300 V        | 800 V AC/DC             |
| Current Rating               | 25 A         | 24 A                    | 25 A         | 24 A                    | 25 A         | 24 A                    | 24 A         | 24 A                    |
| Torque                       | 4.5 lb-in    | 0.4 Nm                  | 4.5 lb-in    | 0.4 Nm                  | 4.5 lb-in    | 0.4 Nm                  | 4.5 lb-in    | 0.4 Nm                  |
| Insulation Material          | Polyamide 66 |                         | Polyamide 66 |                         | Polyamide 66 |                         | Polyamide 66 |                         |

### Installation Instructions

| Wire Stripping Length | 8 mm                   | 8 mm                   | 8 mm                   | 8 mm                   |
|-----------------------|------------------------|------------------------|------------------------|------------------------|
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

### Terminal Blocks

|                               | Cat. No.      | Std. Pk. | Cat. No.           | Std. Pk. | Cat. No.       | Std. Pk. | Cat. No.            | Std. Pk. |
|-------------------------------|---------------|----------|--------------------|----------|----------------|----------|---------------------|----------|
| <b>Grey Stackable Clip-on</b> | <b>ODL2.5</b> | 50       | <b>ODL2.5(I.S)</b> | 50       | <b>ODLG2.5</b> | 50       | <b>ODLG2.5(I.S)</b> | 50       |
|                               | ODL2.5A       | 50       | ODL2.5A(I.S)       | 50       | ODLG2.5A       | 50       | ODLG2.5A(I.S)       | 50       |

### Accessories

|                                 | Cat. No.       | Std. Pk.         | Cat. No.       | Std. Pk.         | Cat. No.       | Std. Pk.         | Cat. No.       | Std. Pk.         |
|---------------------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|
| End Plate  Front Side Back Side | EP0DL2.5       | 50               | EP0DL2.5       | 50               | EP0DL2.5       | 50               | EP0DL2.5       | 50               |
|                                 | EP1ODL2.5      | 50               | EP1ODL2.5      | 50               | EP1ODL2.5      | 50               | EP1ODL2.5      | 50               |
| DIN Rail  35mm 35mm             | 2511120        | 20               | 2511120        | 20               | 2511120        | 20               | 2511120        | 20               |
|                                 | CA701-15/S     | 20               | CA701-15/S     | 20               | CA701-15/S     | 20               | CA701-15/S     | 20               |
| End Stop                        | CA702          | 50               | CA702          | 50               | CA702          | 50               | CA702          | 50               |
|                                 | CA802          | 50               | CA802          | 50               | CA802          | 50               | CA802          | 50               |
|                                 | CA202          | 25               | CA202          | 25               | CA202          | 25               | CA202          | 25               |
| Shorting Link/ Jumpers          | 2 pole JX2.5/2 | 100              | 2 pole JX2.5/2 | 100              | 2 pole JX2.5/2 | 100              | 2 pole JX2.5/2 | 100              |
|                                 | 3 pole JX2.5/3 | 50               | 3 pole JX2.5/3 | 50               | 3 pole JX2.5/3 | 50               | 3 pole JX2.5/3 | 50               |
|                                 | 4 pole JX2.5/4 | 50               | 4 pole JX2.5/4 | 50               | 4 pole JX2.5/4 | 50               | 4 pole JX2.5/4 | 50               |
|                                 | 5 pole JX2.5/5 | 50               | 5 pole JX2.5/5 | 50               | 5 pole JX2.5/5 | 50               | 5 pole JX2.5/5 | 50               |
|                                 | 6 pole JX2.5/6 | 10               | 6 pole JX2.5/6 | 10               | 6 pole JX2.5/6 | 10               | 6 pole JX2.5/6 | 10               |
|                                 | 7 pole JX2.5/7 | 10               | 7 pole JX2.5/7 | 10               | 7 pole JX2.5/7 | 10               | 7 pole JX2.5/7 | 10               |
|                                 | 8 pole JX2.5/8 | 10               | 8 pole JX2.5/8 | 10               | 8 pole JX2.5/8 | 10               | 8 pole JX2.5/8 | 10               |
| 10 pole JX2.5/10                | 10             | 10 pole JX2.5/10 | 10             | 10 pole JX2.5/10 | 10             | 10 pole JX2.5/10 | 10             |                  |
| Marking Tag                     | MT5            | 1 Pk. (100 tags) | MT5            | 1 Pk. (100 tags) | MT5            | 1 Pk. (100 tags) | MT5            | 1 Pk. (100 tags) |

# TRIPLE LEVEL

## SCREW TERMINAL BLOCKS

## FEED THROUGH TRIPLE LEVEL

### HIGHLIGHTS

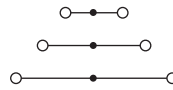
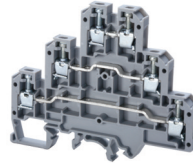
#### FEATURES

- 3 Feed through levels
- Marking Tag space on all 3 levels
- Independent Levels and internally shorted version **CTL2.5U(I.S)**
- LED versions to show switching indication in various voltages - **CTL2.5U(L)/XX**
- 3 Level terminal with additional grounding level **CTLG2.5**

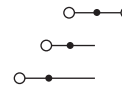
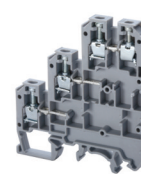
#### APPLICATIONS

- Control Systems with sensor applications
- Actuator applications
- Motor applications
- Applications with high wire density

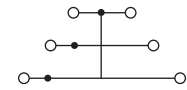
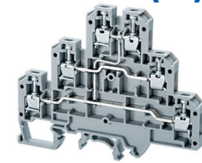
### CTL2.5U



### CTL2.5U-H



### CTL2.5U(I.S)



#### Dimensions & Weight

|                   | CTL2.5U                   | CTL2.5U-H          | CTL2.5U(I.S)       |
|-------------------|---------------------------|--------------------|--------------------|
| Width             | 6 mm                      | 6 mm               | 6 mm               |
| Length            | 84.0 mm                   | 61.0 mm            | 84.0 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 68.0 mm<br>75.6 mm | 68.0 mm<br>75.6 mm |
| Weight per piece  | 20.0 g                    | 21.0 g             | 21.0 g             |

#### Technical Data/Ratings

| Approvals                    |              |                         |              |                         |              |                         |
|------------------------------|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|
| Wire Size (solid / stranded) | 22-12 AWG    | 0.2-2.5 mm <sup>2</sup> | 22-12 AWG    | 0.2-2.5 mm <sup>2</sup> | 22-12 AWG    | 0.2-2.5 mm <sup>2</sup> |
| Voltage Rating               | 300 V        | 500 V AC/DC             | 300 V        | 500 V AC/DC             | 150 V        | 500 V AC/DC             |
| Current Rating               | 25 A         | 24 A                    | 25 A         | 24 A                    | 25 A         | 24 A                    |
| Torque                       | 4.5 lb-in    | 0.4 Nm                  | 4.5 lb-in    | 0.4 Nm                  | 4.5 lb-in    | 0.4 Nm                  |
| Insulation Material          | Polyamide 66 |                         | Polyamide 66 |                         | Polyamide 66 |                         |

#### Installation Instructions

|                       | CTL2.5U                | CTL2.5U-H              | CTL2.5U(I.S)           |
|-----------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 9 mm                   | 9 mm                   | 9 mm                   |
| Screwdriver           | Flat Head 0.5 x 3.0 mm | Flat Head 0.5 x 3.0 mm | Flat Head 0.5 x 3.0 mm |

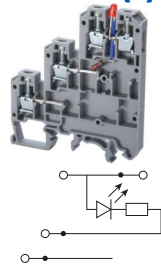
#### Terminal Blocks

|                        | Cat. No.       | Std. Pk. | Cat. No.         | Std. Pk. | Cat. No.            | Std. Pk. |
|------------------------|----------------|----------|------------------|----------|---------------------|----------|
| <b>Grey (standard)</b> | <b>CTL2.5U</b> | 50       | <b>CTL2.5U-H</b> | 50       | <b>CTL2.5U(I.S)</b> | 50       |
| Red R                  | CTL2.5U/R      | 50       | CTL2.5U-H/R      | 50       | CTL2.5U(I.S)/R      | 50       |
| Blue BU                | CTL2.5U/BU     | 50       | CTL2.5U-H/BU     | 50       | CTL2.5U(I.S)/BU     | 50       |
| Black BL               | CTL2.5U/BL     | 50       | CTL2.5U-H/BL     | 50       | CTL2.5U(I.S)/BL     | 50       |
| Orange O               | CTL2.5U/O      | 50       | CTL2.5U-H/O      | 50       | CTL2.5U(I.S)/O      | 50       |
| Green G                | CTL2.5U/G      | 50       | CTL2.5U-H/G      | 50       | CTL2.5U(I.S)/G      | 50       |
| Yellow Y               | CTL2.5U/Y      | 50       | CTL2.5U-H/Y      | 50       | CTL2.5U(I.S)/Y      | 50       |
| White W                | CTL2.5U/W      | 50       | CTL2.5U-H/W      | 50       | CTL2.5U(I.S)/W      | 50       |

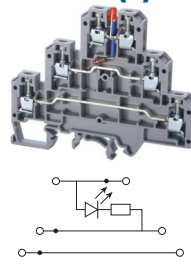
#### Accessories

|                 | Cat. No.    | Std. Pk.         | Cat. No.    | Std. Pk.         | Cat. No.    | Std. Pk.         |
|-----------------|-------------|------------------|-------------|------------------|-------------|------------------|
| End Plate       | EPCTL2.5U   | 50               | EPCTL2.5U-H | 50               | EPCTL2.5U   | 50               |
| DIN Rail        | 2511120     | 20               | 2511120     | 20               | 2511120     | 20               |
|                 | CA701-15/S  | 20               | CA701-15/S  | 20               | CA701-15/S  | 20               |
|                 | 2511160     | 10               | 2511160     | 10               | 2511160     | 10               |
| End Stop        | CA702       | 50               | CA702       | 50               | CA702       | 50               |
|                 | CA802       | 50               | CA802       | 50               | CA802       | 50               |
|                 | CA202       | 25               | CA202       | 25               | CA202       | 25               |
| Internal Jumper | CA722/2     | 100              | CA722/2     | 100              | CA722/2     | 100              |
|                 | CA722/3     | 100              | CA722/3     | 100              | CA722/3     | 100              |
|                 | CA722/4     | 100              | CA722/4     | 100              | CA722/4     | 100              |
|                 | CA722/10    | 10               | CA722/10    | 10               | CA722/10    | 10               |
|                 | CA722/100   | 10               | CA722/100   | 10               | CA722/100   | 10               |
| External Jumper | CA715/2     | 100              | CA715/2     | 100              | CA715/2     | 100              |
|                 | CA715/3     | 100              | CA715/3     | 100              | CA715/3     | 100              |
|                 | CA715/4     | 100              | CA715/4     | 100              | CA715/4     | 100              |
|                 | CA715/10    | 20               | CA715/10    | 20               | CA715/10    | 20               |
| Test Socket     | CA707/TS/01 | 100              | CA707/TS/01 | 100              | CA707/TS/01 | 100              |
| Marking Tag     | MT2         | 1 Pk. (100 tags) | MT2         | 1 Pk. (100 tags) | MT2         | 1 Pk. (100 tags) |

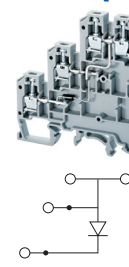
**CTL2.5U-H(L)/XX**



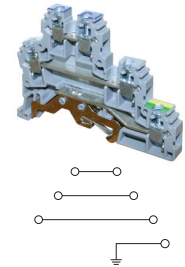
**CTL2.5U(L)/XX**



**CTL2.5UH(I.S)D2**



**CTLG2.5**



**Dimensions & Weight**

|                   |                           |                    |                    |                    |                    |                    |                    |        |
|-------------------|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------|
| Width             | <b>6 mm</b>               |                    | <b>6 mm</b>        |                    | <b>6 mm</b>        |                    | <b>6 mm</b>        |        |
| Length            | 61.0 mm                   |                    | 84.0 mm            |                    | 61.0 mm            |                    | 87.5 mm            |        |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 68.0 mm<br>75.6 mm | 68.0 mm<br>75.6 mm | 68.0 mm<br>75.6 mm | 68.0 mm<br>75.6 mm | 66.0 mm<br>74.0 mm | 66.0 mm<br>74.0 mm | 27.4 g |
| Weight per piece  | 21.0 g                    |                    | 21.0 g             |                    | 15.1 g             |                    | 27.4 g             |        |

**Technical Data/Ratings**

|                              |                  |                         |                  |                         |                  |                         |                  |                         |
|------------------------------|------------------|-------------------------|------------------|-------------------------|------------------|-------------------------|------------------|-------------------------|
| Approvals<br>                |                  |                         |                  |                         |                  |                         |                  |                         |
| Wire Size (solid / stranded) | <b>22-12 AWG</b> | 0.2-2.5 mm <sup>2</sup> | <b>22-12 AWG</b> | 0.2-2.5 mm <sup>2</sup> | <b>22-12 AWG</b> | 0.2-2.5 mm <sup>2</sup> | <b>24-12 AWG</b> | 0.2-2.5 mm <sup>2</sup> |
| Voltage Rating               | 300 V            | 500 V AC/DC             | 300 V            | 500 V AC/DC             | 150 V            | 500 V AC/DC             | 300 V            | 440 V                   |
| Current Rating               | 25 A             | 24 A                    | 25 A             | 24 A                    | 25 A             | 24 A                    | 24 A             | 24 A                    |
| Torque                       | 4.5 lb-in        | 0.4 Nm                  | 4.5 lb-in        | 0.4 Nm                  | 4.5 lb-in        | 0.4 Nm                  | 4.5 lb-in        | 0.4 Nm                  |
| Insulation Material          | Polyamide 66     |                         | Polyamide 66     |                         | Polyamide 66     |                         | Polyamide 66     |                         |

**Installation Instructions**

|                       |                        |  |                        |  |                        |  |                        |  |
|-----------------------|------------------------|--|------------------------|--|------------------------|--|------------------------|--|
| Wire Stripping Length | 9 mm                   |  | 9 mm                   |  | 9 mm                   |  | 9 mm                   |  |
| Screwdriver           | Flat Head 0.5 x 3.0 mm |  | Flat Head 0.5 x 3.0 mm |  | Flat Head 0.5 x 3.0 mm |  | Flat Head 0.6 x 3.5 mm |  |

**Terminal Blocks**

|                          | Cat. No.                | Std. Pk. | Cat. No.              | Std. Pk. | Cat. No.               | Std. Pk.  | Cat. No.       | Std. Pk.   |
|--------------------------|-------------------------|----------|-----------------------|----------|------------------------|-----------|----------------|------------|
| <b>Grey</b>              |                         |          |                       |          | <b>CTL2.5UH(I.S)D2</b> | <b>50</b> | <b>CTLG2.5</b> | <b>100</b> |
| <b>LED Voltage 12 V</b>  | CTL2.5U-H(L)/12         | 50       | CTL2.5U(L)/12         | 50       |                        |           | Yellow/Green   |            |
| <b>LED Voltage 24 V</b>  | <b>CTL2.5U-H(L)/24</b>  | 50       | <b>CTL2.5U(L)/24</b>  | 50       |                        |           |                |            |
| <b>LED Voltage 48 V</b>  | CTL2.5U-H(L)/48         | 50       | CTL2.5U(L)/48         | 50       |                        |           |                |            |
| <b>LED Voltage 110 V</b> | <b>CTL2.5U-H(L)/110</b> | 50       | <b>CTL2.5U(L)/110</b> | 50       |                        |           |                |            |
| <b>LED Voltage 220 V</b> | CTL2.5U-H(L)/220        | 50       | CTL2.5U(L)/220        | 50       |                        |           |                |            |

**Accessories**

|                 | Cat. No.    | Std. Pk.         | Cat. No.    | Std. Pk.         | Cat. No.    | Std. Pk.         | Cat. No.    | Std. Pk.         |
|-----------------|-------------|------------------|-------------|------------------|-------------|------------------|-------------|------------------|
| End Plate       | EPCTL2.5U-H | 50               | EPCTL2.5U   | 50               | EPCTL2.5U-H | 50               | EPCTLG2.5   | 50               |
| DIN Rail        | 2511120     | 20               | 2511120     | 20               | 2511120     | 20               | 2511120     | 20               |
|                 | CA701-15/S  | 20               | CA701-15/S  | 20               | CA701-15/S  | 20               | CA701-15/S  | 20               |
|                 | 2511160     | 10               | 2511160     | 10               | 2511160     | 10               | 2511160     | 10               |
| End Stop        | CA702       | 50               | CA702       | 50               | CA702       | 50               | CA702       | 50               |
|                 | CA802       | 50               | CA802       | 50               | CA802       | 50               | CA802       | 50               |
|                 | CA202       | 25               | CA202       | 25               | CA202       | 25               | CA202       | 25               |
| Internal Jumper | CA722/2     | 100              | CA722/2     | 100              | CA722/2     | 100              | CA627/2     | 100              |
|                 | CA722/3     | 100              | CA722/3     | 100              | CA722/3     | 100              | CA627/3     | 100              |
|                 | CA722/4     | 100              | CA722/4     | 100              | CA722/4     | 100              | CA627/4     | 100              |
|                 | CA722/10    | 10               | CA722/10    | 10               | CA722/10    | 10               | CA627/10    | 10               |
|                 | CA722/100   | 10               | CA722/100   | 10               | CA722/100   | 10               | -           | -                |
| External Jumper | CA715/2     | 100              | CA715/2     | 100              | CA715/2     | 100              | CA715/2     | 100              |
|                 | CA715/3     | 100              | CA715/3     | 100              | CA715/3     | 100              | CA715/3     | 100              |
|                 | CA715/4     | 100              | CA715/4     | 100              | CA715/4     | 100              | CA715/4     | 100              |
|                 | CA715/10    | 20               | CA715/10    | 20               | CA715/10    | 20               | CA715/10    | 20               |
| Test Socket     | CA707/TS/01 | 100              | CA707/TS/01 | 100              | CA707/TS/01 | 100              | CA707/TS/01 | 100              |
| Marking Tag     | MT2         | 1 Pk. (100 tags) | MT2         | 1 Pk. (100 tags) | MT2         | 1 Pk. (100 tags) | MT2G        | 1 Pk. (100 tags) |

### HIGHLIGHTS

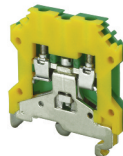
#### FEATURES

- Yellow/Green color code as per industry standard
- Clamp mechanically on Rail by tightening middle screw
- Rail serves as grounding busbar to feed ground potential to all other grounding terminals
- **CGT4N, CGT6N, CGT10N and CGT16N** have same profile as respective feed through blocks
- **CGT4U, CGT10U, and CGT35U** mount on both 35mm and 32mm DIN-Rail

#### APPLICATIONS

- Grounding Applications

**CGT4U**



**CGT4N**



**CGT6N**



#### Dimensions & Weight

|                   | <b>6 mm</b>               | <b>6 mm</b>        | <b>8 mm</b>        |
|-------------------|---------------------------|--------------------|--------------------|
| Width             | 6 mm                      | 6 mm               | 8 mm               |
| Length            | 43 mm                     | 54.2 mm            | 54.5 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 49.5 mm<br>56.7 mm | 47.0 mm<br>54.4 mm |
| Weight per piece  | 21.5 g                    | 22.0 g             | 27.0 g             |

#### Technical Data/Ratings

| Approvals                    |                  |  |                  |  |                 |  |
|------------------------------|------------------|--|------------------|--|-----------------|--|
| Wire Size (solid / stranded) | <b>22-10 AWG</b> |  | <b>22-10 AWG</b> |  | <b>22-8 AWG</b> |  |
| Voltage Rating               | 600V             |  | 600V             |  | 600V            |  |
| Current Rating               | -                |  | -                |  | -               |  |
| Torque                       | 7.0 lb-in 0.5 Nm |  | 7 lb-in 0.5 Nm   |  | 14 lb-in 1.6 Nm |  |
| Insulation Material          | Polyamide 66     |  | Polyamide 66     |  | Polyamide 66    |  |

#### Installation Instructions

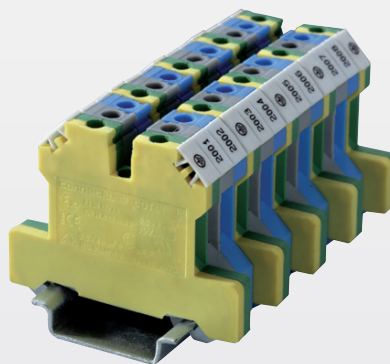
|                       |                        |                        |                        |
|-----------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 8 mm                   | 8 mm                   | 9 mm                   |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.8 x 4.0 mm |

#### Terminal Blocks

|              | Cat. No.     | Std. Pk. | Cat. No.     | Std. Pk. | Cat. No.     | Std. Pk. |
|--------------|--------------|----------|--------------|----------|--------------|----------|
| Yellow/Green | <b>CGT4U</b> | 50       | <b>CGT4N</b> | 50       | <b>CGT6N</b> | 50       |

#### Accessories

|             | Cat. No.                         | Std. Pk.         | Cat. No.                         | Std. Pk.         | Cat. No.                         | Std. Pk.         |
|-------------|----------------------------------|------------------|----------------------------------|------------------|----------------------------------|------------------|
| End Plate   | EPCGT4U/Y                        | 50               | -                                | -                | -                                | -                |
| DIN Rail    | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10   | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10   | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10   |
| Marking Tag | MT6                              | 1 Pk. (100 tags) | MT6                              | 1 Pk. (100 tags) | MT8                              | 1 Pk. (100 tags) |

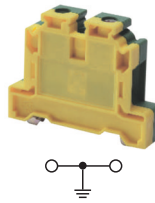


Assembly example for single phase 3 wire circuits.

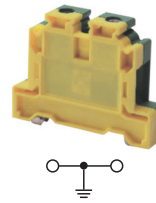
**CGT10U**



**CGT10N**



**CGT16N**



**CGT35U**



**Dimensions & Weight**

|                   |                           |                    |                    |                    |
|-------------------|---------------------------|--------------------|--------------------|--------------------|
| Width             | <b>10 mm</b>              | <b>10 mm</b>       | <b>12 mm</b>       | <b>16 mm</b>       |
| Length            | 45.0 mm                   | 55.0 mm            | 55.0 mm            | 58.0 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 51.0 mm<br>58.2 mm | 48.5 mm<br>56.0 mm | 63.7 mm<br>70.5 mm |
| Weight per piece  | 30.5 g                    | 35.2 g             | 39.6 g             | 102.0 g            |

**Technical Data/Ratings**

|                              |                 |          |                        |                 |          |                        |                 |          |                        |                |          |                        |
|------------------------------|-----------------|----------|------------------------|-----------------|----------|------------------------|-----------------|----------|------------------------|----------------|----------|------------------------|
| Approvals<br>                |                 |          |                        |                 |          |                        |                 |          |                        |                |          |                        |
| Wire Size (solid / stranded) | <b>16-8 AWG</b> | 22-6 AWG | 0.2-10 mm <sup>2</sup> | <b>16-6 AWG</b> | 22-6 AWG | 0.2-10 mm <sup>2</sup> | <b>20-4 AWG</b> | 22-6 AWG | 0.2-16 mm <sup>2</sup> | <b>8-2 AWG</b> | 22-6 AWG | 2.5-35 mm <sup>2</sup> |
| Voltage Rating               | 600 V           | 600 V    | 1000 VAC/DC            | 600 V           | 600 V    | 1000 VAC/DC            | 600 V           | 600 V    | 1000 VAC/DC            | 600 V          | 600 V    | 1000 VAC/DC            |
| Current Rating               | -               |          |                        | -               |          |                        | -               |          |                        | -              |          |                        |
| Torque                       | 14 lb-in        | 14 lb-in | 1.6 Nm                 | 14 lb-in        | 14 lb-in | 1.6 Nm                 | 14 lb-in        | 14 lb-in | 1.6 Nm                 | 25 lb-in       | 25 lb-in | 2.8 Nm                 |
| Insulation Material          | Polyamide 66    |          |                        | Polyamide 66    |          |                        | Polyamide 66    |          |                        | Polyamide 66   |          |                        |

**Installation Instructions**

|                       |                        |                        |                        |                        |
|-----------------------|------------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 11 mm                  | 11 mm                  | 12 mm                  | 15 mm                  |
| Screwdriver           | Flat Head 0.8 x 4.0 mm | Flat Head 0.8 x 4.0 mm | Flat Head 1.0 x 5.5 mm | Flat Head 1.0 x 5.5 mm |

**Terminal Blocks**

|              |               |          |               |          |               |          |               |          |
|--------------|---------------|----------|---------------|----------|---------------|----------|---------------|----------|
|              | Cat. No.      | Std. Pk. | Cat. No.      | Std. Pk. | Cat. No.      | Std. Pk. | Cat. No.      | Std. Pk. |
| Yellow/Green | <b>CGT10U</b> | 50       | <b>CGT10N</b> | 50       | <b>CGT16N</b> | 50       | <b>CGT35U</b> | 20       |

**Accessories**

|             |            |                  |            |                  |            |                  |            |                  |
|-------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|
| End Plate   | -          | -                | -          | -                | -          | -                | -          | -                |
| DIN Rail    | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
|             | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|             | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| Marking Tag | MT10       | 1 Pk. (100 tags) | MT10       | 1 Pk. (100 tags) | MT12       | 1 Pk. (100 tags) | MT16       | 1 Pk. (100 tags) |

# FUSE BLOCKS

SCREW TERMINAL BLOCKS

FUSE BLOCKS, 5 x 20 and 5 x 25 mm

## HIGHLIGHTS

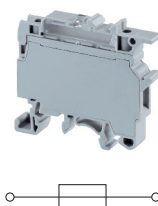
### FEATURES

- CF4U Series accepts 5x20mm/ 5x25mm fuse types
- Completely enclosed, no endplates
- CF4U(L) version with LED for blown fuse indication
- Large marking area
- No polarity required
- Blocks can be used for AC & DC Voltages

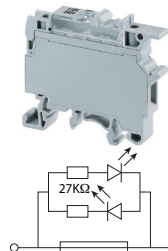
### APPLICATIONS

- Control systems with fuse protection

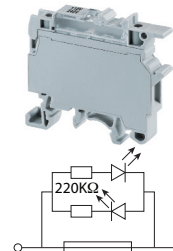
### CF4U



### CF4U(L)/6-60V



### CF4U(L)/110-240V



### Dimensions & Weight

| Width             | 8 mm                      | 8 mm               | 8 mm               |
|-------------------|---------------------------|--------------------|--------------------|
| Length            | 57.0 mm                   | 57.0 mm            | 57.0 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 50.3 mm<br>57.6 mm | 50.3 mm<br>57.6 mm |
| Weight per piece  | 14.8 g                    | 15.4 g             | 15.4 g             |

### Technical Data/Ratings

| Approvals                    |              |  |                       |  |           |  |                       |  |
|------------------------------|--------------|--|-----------------------|--|-----------|--|-----------------------|--|
| Wire Size (solid / stranded) | 22-10 AWG    |  | 0.2-4 mm <sup>2</sup> |  | 22-10 AWG |  | 0.2-4 mm <sup>2</sup> |  |
| Voltage Rating               | 600 V        |  | 800 V AC/DC           |  | 600 V     |  | 800 V AC/DC           |  |
| Current Rating               | 10 A         |  | 6.3 A                 |  | 10 A      |  | 6.3 A                 |  |
| Torque                       | 7 lb-in      |  | 0.5 Nm                |  | 7 lb-in   |  | 0.5 Nm                |  |
| Insulation Material          | Polyamide 66 |  |                       |  |           |  |                       |  |

### Fuse Specifications

|                       |                     |                     |                     |
|-----------------------|---------------------|---------------------|---------------------|
| Fuse Type             | 5x20 mm / 5 x 25 mm | 5x20 mm / 5 x 25 mm | 5x20 mm / 5 x 25 mm |
| LED Indicator Voltage | -                   | 6-60V AC/DC         | 110-240V AC/DC      |

### Installation Instructions

|                       |                        |                        |                        |
|-----------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 9.5 mm                 | 9.5 mm                 | 9.5 mm                 |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

### Terminal Blocks

|                        | Cat. No.    | Std. Pk. | Cat. No.             | Std. Pk. | Cat. No.                | Std. Pk. |
|------------------------|-------------|----------|----------------------|----------|-------------------------|----------|
| <b>Grey (standard)</b> | <b>CF4U</b> | 50       | <b>CF4U(L)/6-60V</b> | 50       | <b>CF4U(L)/110-240V</b> | 50       |
| Blue BU                | CF4U/BU     | 50       | CF4U(L)/6-60V/BU     | 50       | CF4U(L)/110-240V/BU     | 50       |
| Black BL               | CF4U/BL     | 50       | CF4U(L)/6-60V/BL     | 50       | CF4U(L)/110-240V/BL     | 50       |

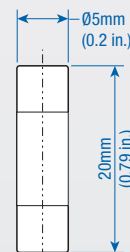
### Accessories

|                 | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|-----------------|------------|------------------|------------|------------------|------------|------------------|
| DIN Rail        | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
|                 | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|                 | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| External Jumper | CA711/2    | 100              | CA711/2    | 100              | CA711/2    | 100              |
|                 | CA711/3    | 50               | CA711/3    | 50               | CA711/3    | 50               |
|                 | CA711/4    | 50               | CA711/4    | 50               | CA711/4    | 50               |
|                 | CA711/10   | 20               | CA711/10   | 20               | CA711/10   | 20               |
| Marking Tag     | MT8        | 1 Pk. (100 tags) | MT8        | 1 Pk. (100 tags) | MT8        | 1 Pk. (100 tags) |
| On Terminal     | MT6        | 1 Pk. (100 tags) | MT6        | 1 Pk. (100 tags) | MT6        | 1 Pk. (100 tags) |
| On Fuse Carrier |            |                  |            |                  |            |                  |

### Fuses 5 x 20 mm



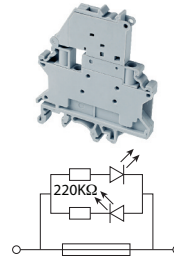
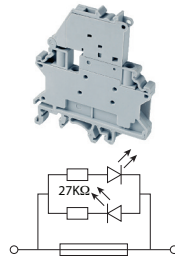
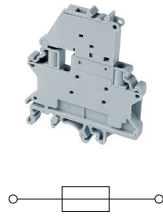
| Current Rating | Slow Blow Cat. No | Fast Blow Cat. No |
|----------------|-------------------|-------------------|
| 0.1A           | 0.1M5x20T         | 0.1M5x20F         |
| 0.2A           | 0.2M5x20T         | 0.2M5x20F         |
| 0.5A           | 0.5M5x20T         | 0.5M5x20F         |
| 1.0A           | 1.0M5x20T         | 1.0M5x20F         |
| 2.0A           | 2.0M5x20T         | 2.0M5x20F         |
| 4.0A           | 4.0M5x20T         | 4.0M5x20F         |
| 5.0A           | 5.0M5x20T         | 5.0M5x20F         |
| 6.3A           | 6.3M5x20T         | 6.3M5x20F         |
| 8.0A           | 8.0M5x20T         | 8.0M5x20F         |
| 10.0A          | 10.0M5x20T        | 10.0M5x20F        |



**CF4SP**

**CF4SP(L)/6-60V**

**CF4SP(L)/110-240V**



**Dimensions & Weight**

|                    |             |            |
|--------------------|-------------|------------|
| Width              | 6 mm        |            |
| Length             | 58.5 mm     |            |
| Height w/ DIN Rail | 35 x 7.5 mm | 35 x 15 mm |
|                    | 70.0 mm     | 77.5 mm    |
| Weight per piece   | 16.9 g      | 17.4 g     |

**Technical Data/Ratings**

|                              |              |                       |
|------------------------------|--------------|-----------------------|
| Approvals                    |              |                       |
| Wire Size (solid / stranded) | 24-10 AWG    | 0.2-4 mm <sup>2</sup> |
| Voltage Rating               | 600 V        | 1000 V AC/DC          |
| Current Rating               | 10 A         | 10 A                  |
| Torque                       | 4.5 lb-in    | 0.5 Nm                |
| Insulation Material          | Polyamide 66 |                       |

**Fuse Specifications**

|                       |                     |
|-----------------------|---------------------|
| Fuse Type             | 5x20 mm / 5 x 25 mm |
| LED Indicator Voltage | -                   |

**Installation Instructions**

|                       |                        |
|-----------------------|------------------------|
| Wire Stripping Length | 8 mm                   |
| Screwdriver           | Flat Head 0.6 x 3.5 mm |

**Terminal Blocks**

|                        |              |          |          |                       |          |          |                          |          |          |
|------------------------|--------------|----------|----------|-----------------------|----------|----------|--------------------------|----------|----------|
| <b>Grey (standard)</b> | <b>CF4SP</b> | Cat. No. | Std. Pk. | <b>CF4SP(L)/6-60V</b> | Cat. No. | Std. Pk. | <b>CF4SP(L)/110-240V</b> | Cat. No. | Std. Pk. |
| Blue BU                | CF4SP/BU     |          | 50       | CF4SP(L)/6-60V/BU     |          | 50       | CF4SP(L)/110-240V/BU50   |          | 50       |
| Black BL               | CF4SP/BL     |          | 50       | CF4SP(L)/6-60V/BL     |          | 50       | CF4SP(L)/110-240V/BL50   |          | 50       |

**Accessories**

|                           |                                |            |                  |            |                  |            |                  |
|---------------------------|--------------------------------|------------|------------------|------------|------------------|------------|------------------|
| DIN Rail                  |                                | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|                           |                                | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
|                           |                                | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|                           |                                | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| Internal Jumper           |                                | CA722/2    | 100              | CA722/2    | 100              | CA722/2    | 100              |
|                           |                                | CA722/3    | 100              | CA722/3    | 100              | CA722/3    | 100              |
|                           |                                | CA722/4    | 100              | CA722/4    | 100              | CA722/4    | 100              |
|                           |                                | CA722/10   | 10               | CA722/10   | 10               | CA722/10   | 10               |
|                           |                                | CA722/100  | 10               | CA722/100  | 10               | CA722/100  | 10               |
| Insulated Internal Jumper |                                | CA742/2    | 100              | CA742/2    | 100              | CA742/2    | 100              |
|                           |                                | CA742/3    | 100              | CA742/3    | 100              | CA742/3    | 100              |
|                           |                                | CA742/4    | 100              | CA742/4    | 100              | CA742/4    | 100              |
|                           |                                | CA742/10   | 10               | CA742/10   | 10               | CA742/10   | 10               |
|                           |                                | CA742/100  | 10               | CA742/100  | 10               | CA742/100  | 10               |
| External Jumper           |                                | CA714/2    | 100              | CA714/2    | 100              | CA714/2    | 100              |
|                           |                                | CA714/3    | 100              | CA714/3    | 100              | CA714/3    | 100              |
|                           |                                | CA714/4    | 100              | CA714/4    | 100              | CA714/4    | 100              |
|                           |                                | CA714/10   | 20               | CA714/10   | 20               | CA714/10   | 20               |
| Marking Tag               | On Terminal<br>On Fuse Carrier | MT6        | 1 Pk. (100 tags) | MT6        | 1 Pk. (100 tags) | MT6        | 1 Pk. (100 tags) |
|                           |                                | MT6        | 1 Pk. (100 tags) | MT6        | 1 Pk. (100 tags) | MT6        | 1 Pk. (100 tags) |

**HIGHLIGHTS**

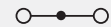
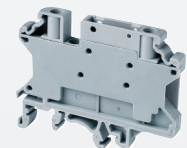
**FEATURES**

- CF4SP Series accepts 5x20mm fuse types
- 6mm wide, compact design
- Internal shorting channel
- Completely enclosed, no endplates
- CF4SP(L) version with LED for blown fuse indication
- No polarity required

**APPLICATIONS**

- Control systems with fuse protection
- Control Circuits with alternating configuration with (CF4SPFT, CKT4SP, etc...)

**CF4SPFT**



Feed Through Terminal  
Same Profile as CF4SP

**Technical Data/Ratings**

|              |                       |
|--------------|-----------------------|
|              |                       |
| 24-10 AWG    | 0.2-4 mm <sup>2</sup> |
| 600 V        | 1000 V                |
| 30 A         | 32 A                  |
| 4.5 lb-in    | 0.5 Nm                |
| Polyamide 66 |                       |



# FUSE BLOCKS

SCREW TERMINAL BLOCKS

## DOUBLE LEVEL FUSE BLOCKS, 5 x 20 / 5 x 25 mm

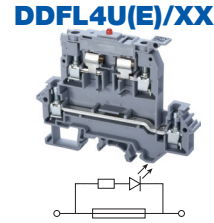
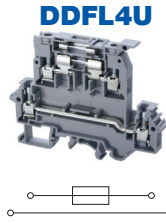
### HIGHLIGHTS

#### FEATURES

- Top Level fuse link for 5x20mm/ 5x25mm fuse types
- Bottom Level Feed through terminal
- **DDFL4U(E)** version with LED for blown fuse indication in various voltages
- Blocks can be used in AC & DC applications

#### APPLICATIONS

- Tight space fuse applications
- No need for additional Feed through terminal



#### Dimensions & Weight

|                   |                           |                    |
|-------------------|---------------------------|--------------------|
| Width             | 8 mm                      |                    |
| Length            | 88 mm                     |                    |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 67.4 mm<br>74.3 mm |
| Weight per piece  | 28.0 g                    |                    |

#### Technical Data/Ratings

|                              |              |  |                       |  |
|------------------------------|--------------|--|-----------------------|--|
| Approvals                    |              |  |                       |  |
| Wire Size (solid / stranded) | 22-10 AWG    |  | 0.2-4 mm <sup>2</sup> |  |
| Voltage Rating               | 600 V        |  | 800 V AC/DC           |  |
| Current Rating (top)         | 6.3 A        |  | 6.3 A                 |  |
| Current Rating (bottom)      | 35 A         |  | 32 A                  |  |
| Torque                       | 7 lb-in      |  | 0.5 Nm                |  |
| Insulation Material          | Polyamide 66 |  |                       |  |

#### Fuse Specifications

|                       |                     |                            |
|-----------------------|---------------------|----------------------------|
| Fuse Type             | 5x20 mm / 5 x 25 mm | 5x20 mm / 5 x 25 mm        |
| LED Indicator Voltage | -                   | 24V, 48V, 110V, 220V, 440V |

#### Installation Instructions

|                       |                        |                        |
|-----------------------|------------------------|------------------------|
| Wire Stripping Length | 9.5 mm                 | 9.5 mm                 |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

#### Terminal Blocks

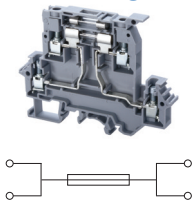
|                               | Cat. No.      | Std. Pk. | Cat. No.             | Std. Pk. |
|-------------------------------|---------------|----------|----------------------|----------|
| <b>Grey</b>                   | <b>DDFL4U</b> | 20       | <b>DDFL4U(E)/24</b>  | 20       |
| <b>LED Voltage 24V AC/DC</b>  |               |          | <b>DDFL4U(E)/48</b>  | 20       |
| <b>LED Voltage 48V AC/DC</b>  |               |          | <b>DDFL4U(E)/110</b> | 20       |
| <b>LED Voltage 110V AC/DC</b> |               |          | <b>DDFL4U(E)/220</b> | 20       |
| <b>LED Voltage 220V AC/DC</b> |               |          | <b>DDFL4U(E)/440</b> | 20       |
| <b>LED Voltage 440V AC</b>    |               |          |                      |          |

#### Accessories

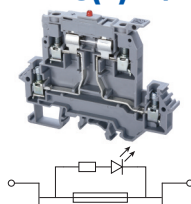
|                           | Cat. No.                                  | Std. Pk.                             | Cat. No.                                  | Std. Pk.                             |
|---------------------------|---|--------------------------------------|---|--------------------------------------|
| End Plate                 | EPDDL4U                                   | 50                                   | EPDDL4U                                   | 50                                   |
| DIN Rail                  | 2511120<br>CA701-15/S<br>2511160          | 20<br>20<br>10                       | 2511120<br>CA701-15/S<br>2511160          | 20<br>20<br>10                       |
| End Stop                  | CA702<br>CA802<br>CA202                   | 50<br>50<br>25                       | CA702<br>CA802<br>CA202                   | 50<br>50<br>25                       |
| Internal Jumper           | CA729/2<br>CA729/3<br>CA729/4<br>CA729/10 | 100<br>50<br>50<br>10                | CA729/2<br>CA729/3<br>CA729/4<br>CA729/10 | 100<br>50<br>50<br>10                |
| Insulated Internal Jumper | CA749/2<br>CA749/3<br>CA749/4<br>CA749/10 | 100<br>50<br>50<br>10                | CA749/2<br>CA749/3<br>CA749/4<br>CA749/10 | 100<br>50<br>50<br>10                |
| External Jumper           | CA711/2<br>CA711/3<br>CA711/4<br>CA711/10 | 100<br>50<br>50<br>20                | CA711/2<br>CA711/3<br>CA711/4<br>CA711/10 | 100<br>50<br>50<br>20                |
| Marking Tag               | MT8<br>MT2                                | 1 Pk. (100 tags)<br>1 Pk. (100 tags) | MT8<br>MT2                                | 1 Pk. (100 tags)<br>1 Pk. (100 tags) |

### DOUBLE LEVEL FUSE BLOCKS, 5 x 20 / 5 x 25 mm WITH 2 CONNECTION POINTS

#### DDFL4ULR



#### DDFL4U(E)LR/XX



#### Dimensions & Weight

|                   |                           |                    |
|-------------------|---------------------------|--------------------|
| Width             | 8 mm                      |                    |
| Length            | 88 mm                     |                    |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 67.4 mm<br>74.3 mm |
| Weight per piece  | 24.5 g                    |                    |

#### Technical Data/Ratings

|                              |              |                       |              |                       |
|------------------------------|--------------|-----------------------|--------------|-----------------------|
| Approvals                    |              |                       |              |                       |
| Wire Size (solid / stranded) | 22-10 AWG    | 0.2-4 mm <sup>2</sup> | 22-10 AWG    | 0.2-4 mm <sup>2</sup> |
| Voltage Rating               | 600 V        | 800 V AC/DC           | 600 V        | 800 V AC/DC           |
| Current Rating (top)         | 6.3 A        | 6.3 A                 | 6.3 A        | 6.3 A                 |
| Torque                       | 7 lb-in      | 0.5 Nm                | 7 lb-in      | 0.5 Nm                |
| Insulation Material          | Polyamide 66 |                       | Polyamide 66 |                       |

#### Fuse Specifications

|                       |                     |                            |
|-----------------------|---------------------|----------------------------|
| Fuse Type             | 5x20 mm / 5 x 25 mm | 5x20 mm / 5 x 25 mm        |
| LED Indicator Voltage | -                   | 24V, 48V, 110V, 220V, 440V |

#### Installation Instructions

|                       |                        |                        |
|-----------------------|------------------------|------------------------|
| Wire Stripping Length | 9.5 mm                 | 9.5 mm                 |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

#### Terminal Blocks

|  | Cat. No.        | Std. Pk. | Cat. No.               | Std. Pk. |
|--|-----------------|----------|------------------------|----------|
| <b>Grey</b><br>LED Voltage 24V AC/DC<br>LED Voltage 48V AC/DC<br>LED Voltage 110V AC/DC<br>LED Voltage 220V AC/DC<br>LED Voltage 440V AC | <b>DDFL4ULR</b> | 20       | <b>DDFL4U(E)LR/24</b>  | 20       |
|  |                 |          | <b>DDFL4U(E)LR/48</b>  | 20       |
|  |                 |          | <b>DDFL4U(E)LR/110</b> | 20       |
|  |                 |          | <b>DDFL4U(E)LR/220</b> | 20       |
|  |                 |          | <b>DDFL4U(E)LR/440</b> | 20       |

#### Accessories

|                 | Cat. No.                  | Std. Pk.         | Cat. No.         | Std. Pk.         |
|-----------------|---------------------------|------------------|------------------|------------------|
| End Plate       | EPDDL4U                   | 50               | EPDDL4U          | 50               |
| DIN Rail        | 2511120                   | 20               | 2511120          | 20               |
|                 | CA701-15/S                | 20               | CA701-15/S       | 20               |
|                 | 2511160                   | 10               | 2511160          | 10               |
| End Stop        | CA702                     | 50               | CA702            | 50               |
|                 | CA802                     | 50               | CA802            | 50               |
|                 | CA202                     | 25               | CA202            | 25               |
| Internal Jumper | 2 pole CA729/2            | 100              | 2 pole CA729/2   | 100              |
|                 | 3 pole CA729/3            | 50               | 3 pole CA729/3   | 50               |
|                 | 4 pole CA729/4            | 50               | 4 pole CA729/4   | 50               |
|                 | 10 pole CA729/10          | 10               | 10 pole CA729/10 | 10               |
|                 | Insulated Internal Jumper | 2 pole CA749/2   | 100              | 2 pole CA749/2   |
|                 | 3 pole CA749/3            | 50               | 3 pole CA749/3   | 50               |
|                 | 4 pole CA749/4            | 50               | 4 pole CA749/4   | 50               |
|                 | 10 pole CA749/10          | 10               | 10 pole CA749/10 | 10               |
| External Jumper | 2 pole CA711/2            | 100              | 2 pole CA711/2   | 100              |
|                 | 3 pole CA711/3            | 50               | 3 pole CA711/3   | 50               |
|                 | 4 pole CA711/4            | 50               | 4 pole CA711/4   | 50               |
|                 | 10 pole CA711/10          | 20               | 10 pole CA711/10 | 20               |
|                 | Marking Tag               | MT8 on terminal  | 1 Pk. (100 tags) | MT8 on terminal  |
| MT2 on lever    |                           | 1 Pk. (100 tags) | MT2 on lever     | 1 Pk. (100 tags) |

## HIGHLIGHTS

### FEATURES

- Modified version of **DDFL4U** with 2 equipotential
- **DDFL4U(E)** version with LED for blown fuse indication in various voltages
- Blocks can be used in AC & DC applications

### APPLICATIONS

- Control Circuits with multi wire fuse application

# FUSE BLOCKS

SCREW TERMINAL BLOCKS

FUSE BLOCKS, 1/4 x 1 and 1/4 x 1 1/4 in.

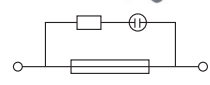
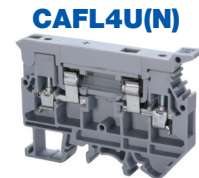
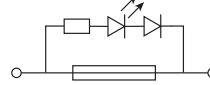
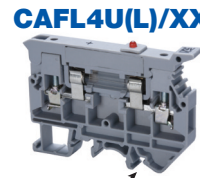
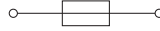
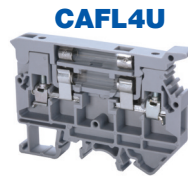
## HIGHLIGHTS

### FEATURES

- **CAFL4U** Series accepts 1/4" x 1-1/4" (6.3x32mm) fuse types
- **CAFL4U(L)** versions with LED for blown fuse indication (24V, 48V, 110V, 220V)
- **CAFL4U(N)** version with Neon bulb for blown fuse indication
- Large marking area
- Blocks can be used in AC & DC applications

### APPLICATIONS

- Control systems with 1/4" x 1-1/4" fuse protection



### Dimensions & Weight

|                    | CAFL4U                    | CAFL4U(L)/XX       | CAFL4U(N)          |
|--------------------|---------------------------|--------------------|--------------------|
| Width              | 9 mm                      | 9 mm               | 9 mm               |
| Length             | 72 mm                     | 72 mm              | 72 mm              |
| Height w/ DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 55.3 mm<br>63.0 mm | 55.3 mm<br>63.0 mm |
| Weight per piece   | 20.5 g                    | 20.5 g             | 20.5 g             |

### Technical Data/Ratings

| Approvals                    | CAFL4U       |                       | CAFL4U(L)/XX |                       | CAFL4U(N)    |                       |
|------------------------------|--------------|-----------------------|--------------|-----------------------|--------------|-----------------------|
|                              | UL E220514   | IEC 60947-7-3         | UL E220514   | IEC 60947-7-3         | UL E220514   | IEC 60947-7-3         |
| Wire Size (solid / stranded) | 22-10 AWG    | 0.2-4 mm <sup>2</sup> | 22-10 AWG    | 0.2-4 mm <sup>2</sup> | 22-10 AWG    | 0.2-4 mm <sup>2</sup> |
| Voltage Rating               | 600 V        | 1000 V                | 600 V        | 1000 V                | 600 V        | 1000 V                |
| Current Rating               | 16 A         | 6.3 A                 | 16 A         | 6.3 A                 | 16 A         | 6.3 A                 |
| Torque                       | 7 lb-in      | 0.5 Nm                | 7 lb-in      | 0.5 Nm                | 7 lb-in      | 0.5 Nm                |
| Insulation Material          | Polyamide 66 |                       | Polyamide 66 |                       | Polyamide 66 |                       |

### Installation Instructions

|                       | CAFL4U                 | CAFL4U(L)/XX           | CAFL4U(N)              |
|-----------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 9.5 mm                 | 9.5 mm                 | 9.5 mm                 |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

### Fuse Specifications

|                            | CAFL4U                  | CAFL4U(L)/XX            | CAFL4U(N)               |
|----------------------------|-------------------------|-------------------------|-------------------------|
| Fuse Type                  | 1/4" x 1" (6.3 x 32 mm) | 1/4" x 1" (6.3 x 32 mm) | 1/4" x 1" (6.3 x 32 mm) |
| LED/Neon Indicator Voltage | -                       | 24V, 48V, 110V, 220V    | 110V - 240V             |

### Terminal Blocks

|                          | Cat. No.      | Std. Pk. | Cat. No.             | Std. Pk.  | Cat. No.         | Std. Pk.  |
|--------------------------|---------------|----------|----------------------|-----------|------------------|-----------|
| <b>Grey (standard)</b>   | <b>CAFL4U</b> | 25       | -                    | -         | -                | -         |
| Blue BU                  | CAFL4U/BU     | 25       | -                    | -         | -                | -         |
| Black BL                 | CAFL4U/BL     | 25       | -                    | -         | -                | -         |
| LED Voltage 24V AC/DC    | -             | -        | <b>CAFL4U(L)/24</b>  | <b>25</b> | -                | -         |
| LED Voltage 48V AC/DC    | -             | -        | <b>CAFL4U(L)/48</b>  | <b>25</b> | -                | -         |
| LED Voltage 110V AC/DC   | -             | -        | <b>CAFL4U(L)/110</b> | <b>25</b> | -                | -         |
| LED Voltage 220V AC/DC   | -             | -        | <b>CAFL4U(L)/220</b> | <b>25</b> | -                | -         |
| Neon Bulb 110-300V AC/DC | -             | -        | -                    | -         | <b>CAFL4U(N)</b> | <b>25</b> |

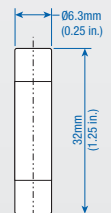
### Accessories

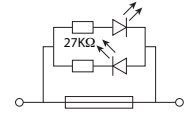
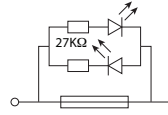
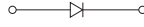
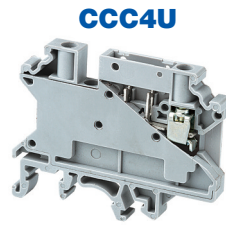
|                 | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|-----------------|------------|------------------|------------|------------------|------------|------------------|
| End Plate       | EPCAFL4U   | 50               | EPCAFL4U   | 50               | EPCAFL4U   | 50               |
| DIN Rail        | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
|                 | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|                 | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| End Stop        | CA702      | 50               | CA702      | 50               | CA702      | 50               |
|                 | CA802      | 50               | CA802      | 50               | CA802      | 50               |
|                 | CA202      | 25               | CA202      | 25               | CA202      | 25               |
|                 | CA202      | 25               | CA202      | 25               | CA202      | 25               |
| External Jumper | CA716/2    | 50               | CA716/2    | 50               | CA716/2    | 50               |
|                 | CA716/3    | 50               | CA716/3    | 50               | CA716/3    | 50               |
|                 | CA716/4    | 50               | CA716/4    | 50               | CA716/4    | 50               |
|                 | CA716/10   | 20               | CA716/10   | 20               | CA716/10   | 20               |
|                 | CA716/10   | 20               | CA716/10   | 20               | CA716/10   | 20               |
| Marking Tag     | MT9        | 1 Pk. (100 tags) | MT9        | 1 Pk. (100 tags) | MT9        | 1 Pk. (100 tags) |

**Fuses**  
1/4" x 1-1/4"  
(6.3 x 32mm)



| Current Rating | Slow Blow Cat. No | Fast Blow Cat. No | Current Rating | Slow Blow Cat. No | Fast Blow Cat. No |
|----------------|-------------------|-------------------|----------------|-------------------|-------------------|
| 0.1A           | 0.1M6.3x32T       | 0.1M6x32F         | 4.0A           | 4.0M6.3x32T       | 4.0M6x32F         |
| 0.2A           | 0.2M6.3x32T       | 0.2M6x32F         | 5.0A           | 5.0M6.3x32T       | 5.0M6x32F         |
| 0.5A           | 0.5M6.3x32T       | 0.5M6x32F         | 6.3A           | 6.3M6.3x32T       | 6.3M6x32F         |
| 1.0A           | 1.0M6.3x32T       | 1.0M6x32F         | 8.0A           | 8.0M6.3x32T       | 8.0M6x32F         |
| 2.0A           | 2.0M6.3x32T       | 2.0M6x32F         | 10.0A          | 10.0M6.3x32T      | 10.0M6x32F        |





**Dimensions**

|                   |                           |                  |             |             |
|-------------------|---------------------------|------------------|-------------|-------------|
| Width             | <b>6 mm</b>               | <b>6 mm</b>      | <b>6 mm</b> | <b>6 mm</b> |
| Length            | 58.5 mm                   | 28 mm            | 28 mm       | 28 mm       |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 46 mm<br>53.5 mm | 35 mm       | 35 mm       |
| Weight per piece  | 10.2 g                    | 3.8 g            | 3.8 g       | 4.2 g       |

**Technical Data/Ratings**

|                              |   |  |                       |  |                       |  |                       |
|------------------------------|---|--|-----------------------|--|-----------------------|--|-----------------------|
| Approvals                    |   |  |                       |  |                       |  |                       |
| Wire Size (solid   stranded) | 0.2-6 mm <sup>2</sup>   0.2-4 mm <sup>2</sup> | <b>24-10 AWG</b>   0.2-4 mm <sup>2</sup> | 0.2-4 mm <sup>2</sup> | <b>24-10 AWG</b>   0.2-4 mm <sup>2</sup> | 0.2-4 mm <sup>2</sup> | <b>24-10 AWG</b>   0.2-4 mm <sup>2</sup> | 0.2-4 mm <sup>2</sup> |
| Voltage Rating               | 1000 V AC/DC                                  | 600 V   1000V AC/DC                      | 1000V AC/DC           | 600 V   1000V AC/DC                      | 1000V AC/DC           | 600 V   1000V AC/DC                      | 1000V AC/DC           |
| Current Rating               | *   | 1 A   1 A                                | 1 A                   | 10 A   10 A                              | 10 A                  | 10 A   10 A                              | 10 A                  |
| Insulation Material          | Polyamide 66                                  |  |                       |  |                       |  |                       |

**Carrier Specifications**

|                       |                               |   |                                     |  |
|-----------------------|-------------------------------|---|-------------------------------------|--|
| Component Type        | <b>Component carrier base</b> | <b>Plug module with diode<br/>Diode Type IN4007</b> | <b>Plug module for 5x20 mm fuse</b> | <b>Plug module for 5x20 mm fuse<br/>with LED indicator</b> |
| LED Indicator Voltage | -                             | -   | -                                   | <b>6-60V AC/DC<br/>110-240V AC/DC</b>                      |

**Installation Instructions**

|                       |                        |                        |                        |                        |
|-----------------------|------------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | <b>8 mm</b>            | <b>10 mm</b>           | <b>10 mm</b>           | <b>10 mm</b>           |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

**Terminal Blocks**

|                        |              |           |            |           |                  |           |                     |           |
|------------------------|--------------|-----------|------------|-----------|------------------|-----------|---------------------|-----------|
|                        | Cat. No.     | Std. Pk.  | Cat. No.   | Std. Pk.  | Cat. No.         | Std. Pk.  | Cat. No.            | Std. Pk.  |
| <b>Grey (standard)</b> | <b>CCC4U</b> | <b>50</b> | <b>CPF</b> | <b>50</b> | <b>CPFL6-60V</b> | <b>50</b> | <b>CPFL110-240V</b> | <b>50</b> |

**Accessories**

|                  |   |  |                               |                  |          |                  |          |                  |
|------------------|---|--|-------------------------------|------------------|----------|------------------|----------|------------------|
|                  | Cat. No.  | Std. Pk.   | Cat. No.                      | Std. Pk.         | Cat. No. | Std. Pk.         | Cat. No. | Std. Pk.         |
| DIN Rail         | 2511120<br>CA701-15/S                             | 20<br>10   | -                             | -                | -        | -                | -        | -                |
| End Stop         | CA702<br>CA802<br>CA103                           | 50<br>50<br>50   | -                             | -                | -        | -                | -        | -                |
| Internal Jumpers | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole | CA722/2<br>CA722/3<br>CA722/4<br>CA722/10<br>CA722/100 | 100<br>100<br>100<br>10<br>10 | -                | -        | -                | -        | -                |
| Marking Tag      | MT6   | 1 Pk. (100 tags)                                       | MT6                           | 1 Pk. (100 tags) | MT6      | 1 Pk. (100 tags) | MT6      | 1 Pk. (100 tags) |

\* Current Rating is based on plug used.

### 10x38 Midget Fuse Holders



**UL**  
E212627

| Pole Configuration             | Without Indication | With LED Indication | Fuse Size | Max Voltage & Current |                  | Drawing No. |
|--------------------------------|--------------------|---------------------|-----------|-----------------------|------------------|-------------|
|                                |                    |                     |           | IEC                   | UL               |             |
| <b>PCF 10 &amp; PCF 10 LED</b> |                    |                     |           |                       |                  |             |
| 1-pole                         | 002550001          | 002550011           | 10x38     | 690V AC / 32A         | 600V AC/DC / 30A | 1           |
| 1-pole+N                       | 002550002          | 002550012           | 10x38     | 690V AC / 32A         | 600V AC/DC / 30A | 1           |
| 2-pole                         | 002550003          | 002550013           | 10x38     | 690V AC / 32A         | 600V AC/DC / 30A | 1           |
| 3-pole                         | 002550004          | 002550014           | 10x38     | 690V AC / 32A         | 600V AC/DC / 30A | 1           |
| 3-pole+N                       | 002550005          | 002550015           | 10x38     | 690V AC / 32A         | 600V AC/DC / 30A | 1           |
| <b>EFD 10 &amp; EFD 10 LED</b> |                    |                     |           |                       |                  |             |
| ▶ 1-pole                       | 002540001          | 002540011           | 10x38     | 690V AC/DC / 32A      | 600V AC/DC / 30A | 2           |
| ▶ 1-pole+N                     | 002540002          | 002540012           | 10x38     | 690V AC/DC / 32A      | 600V AC/DC / 30A | 2           |
| ▶ 2-pole                       | 002540003          | 002540013           | 10x38     | 690V AC/DC / 32A      | 600V AC/DC / 30A | 2           |
| ▶ 3-pole                       | 002540004          | 002540014           | 10x38     | 690V AC/DC / 32A      | 600V AC/DC / 30A | 2           |
| ▶ 3-pole+N                     | 002540005          | 002540015           | 10x38     | 690V AC/DC / 32A      | 600V AC/DC / 30A | 2           |

### CC Type and J Type Fuse Holders



**UL**  
E212627

| Pole Configuration                        | Without Indication | With LED Indication | Fuse Size | SCR    | UL Rating Voltage/Amp. | Drawing No. |
|---|--------------------|---------------------|-----------|--------|------------------------|-------------|
|   |                    |                     |           |        |                        |             |
| 1-pole                                    | 002550101          | 002550111           | CC Type   | 200 kA | 600V AC/DC / 30A       | 1           |
| 2-pole                                    | 002550103          | 002550113           | CC Type   | 200 kA | 600V AC/DC / 30A       | 1           |
| 3-pole                                    | 002550104          | 002550114           | CC Type   | 200 kA | 600V AC/DC / 30A       | 1           |
| <b>EFD CC &amp; EFD CC LED</b>            |                    |                     |           |        |                        |             |
| ▶ 1-pole                                  | 002540101          | 002540111           | CC Type   | 200 kA | 600V AC / 30A          | 2           |
| ▶ 2-pole                                  | 002540103          | 002540113           | CC Type   | 200 kA | 600V AC / 30A          | 2           |
| ▶ 3-pole                                  | 002540104          | 002540114           | CC Type   | 200 kA | 600V AC / 30A          | 2           |
| <b>EFD J30 DC &amp; EFD J30 10 DC LED</b> |                    |                     |           |        |                        |             |
| ▶ 1-pole                                  | 002570101          | 002570111           | J-TYPE    | 200 kA | 600V AC/DC / 30A       | 3           |
| ▶ 2-pole                                  | 002570103          | 002570113           | J-TYPE    | 200 kA | 600V AC/DC / 30A       | 3           |
| ▶ 3-pole                                  | 002570104          | 002570114           | J-TYPE    | 200 kA | 600V AC/DC / 30A       | 3           |

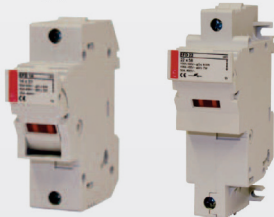
### PV Type Fuse Holders



**UL**  
E356295

| Pole Configuration                   | Without Indication | With LED Indication | Fuse Size | Max Voltage & Current |                | Drawing No. |
|--------------------------------------|--------------------|---------------------|-----------|-----------------------|----------------|-------------|
|                                      |                    |                     |           | IEC                   | UL             |             |
| <b>PCF 10 DC &amp; PCF 10 DC LED</b> |                    |                     |           |                       |                |             |
| 1-pole                               | 002550201          | 002550211           | 10x38     | 1000V DC / 25A        | 1000V DC / 25A | 1           |
| 2-pole                               | 002550203          | 002550213           | 10x38     | 1000V DC / 25A        | 1000V DC / 25A | 1           |
| <b>EFH 10 DC &amp; EFH 10 DC LED</b> |                    |                     |           |                       |                |             |
| ▶ 1-pole                             | 002540201          | 002540211           | 10x38     | 1000V DC / 25A        | 1000V DC / 25A | 2           |
| ▶ 2-pole                             | 002540203          | 002540213           | 10x38     | 1000V DC / 25A        | 1000V DC / 25A | 2           |
| <b>EFH 14 DC &amp; EFH 14 DC LED</b> |                    |                     |           |                       |                |             |
| ▶ 1-pole                             | 002560201          | 002560211           | 14x51     | 1000V DC / 50A        | 1000V DC / 50A | 3           |
| ▶ 2-pole                             | 002560203          | 002560213           | 14x51     | 1000V DC / 50A        | 1000V DC / 50A | 3           |

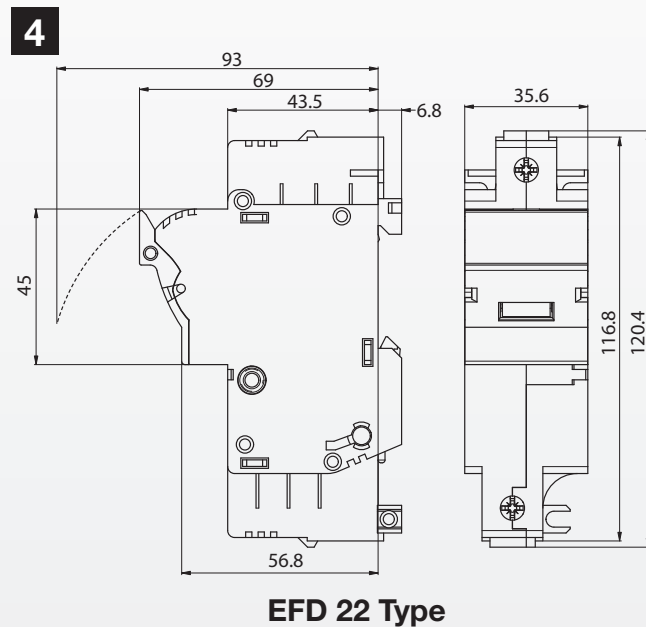
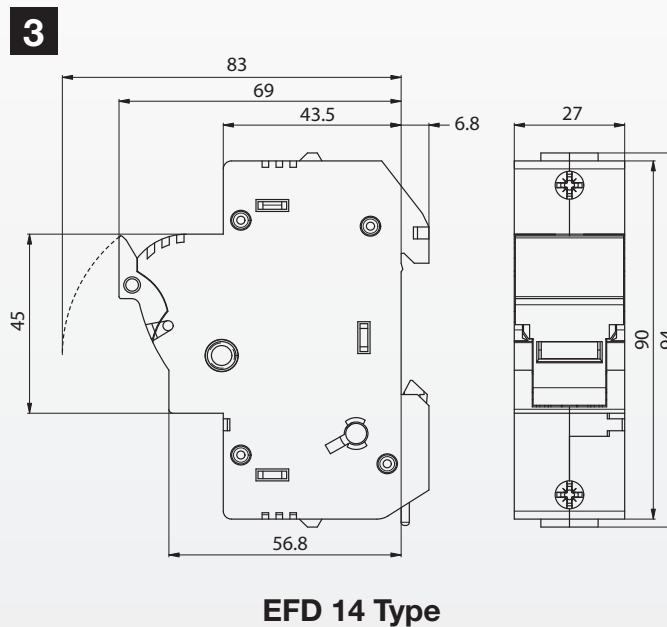
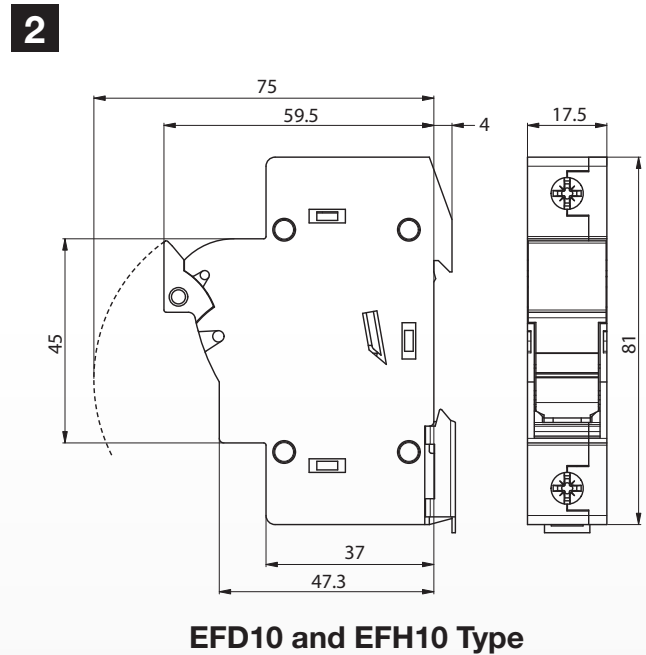
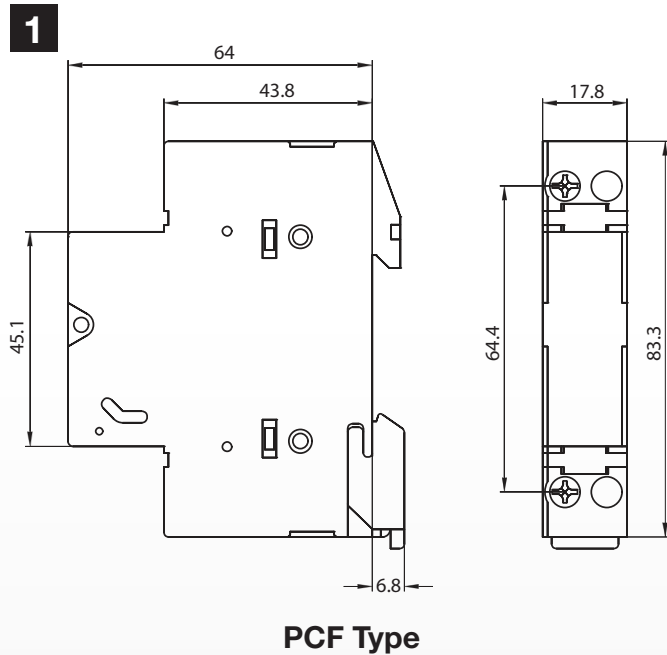
### IEC Type Fuse Holders



**UL**  
E212627

| Pole Configuration             | Without Indication | With LED Indication | Fuse Size | Max Voltage & Current |                   | Drawing No. |
|--------------------------------|--------------------|---------------------|-----------|-----------------------|-------------------|-------------|
|                                |                    |                     |           | IEC                   | UL                |             |
| <b>EFD 14 &amp; EFD 14 LED</b> |                    |                     |           |                       |                   |             |
| ▶ 1-pole                       | 002560001          | 002560011           | 14x51     | 690V AC / 50A         | 600V AC/DC / 50A  | 3           |
| ▶ 1-pole+N                     | 002560002          | 002560012           | 14x51     | 690V AC / 50A         | 600V AC/DC / 50A  | 3           |
| ▶ 2-pole                       | 002560003          | 002560013           | 14x51     | 690V AC / 50A         | 600V AC/DC / 50A  | 3           |
| ▶ 3-pole                       | 002560004          | 002560014           | 14x51     | 690V AC / 50A         | 600V AC/DC / 50A  | 3           |
| ▶ 3-pole+N                     | 002560005          | 002560015           | 14x51     | 690V AC / 50A         | 600V AC/DC / 50A  | 3           |
| <b>EFD 22 &amp; EFD 22 LED</b> |                    |                     |           |                       |                   |             |
| ▶ 1-pole                       | 002570001          | 002570011           | 22x58     | 690V AC / 100A        | 600V AC/DC / 100A | 4           |
| ▶ 1-pole+N                     | 002570002          | 002570012           | 22x58     | 690V AC / 100A        | 600V AC/DC / 100A | 4           |
| ▶ 2-pole                       | 002570003          | 002570013           | 22x58     | 690V AC / 100A        | 600V AC/DC / 100A | 4           |
| ▶ 3-pole                       | 002570004          | 002570014           | 22x58     | 690V AC / 100A        | 600V AC/DC / 100A | 4           |
| ▶ 3-pole+N                     | 002570005          | 002570015           | 22x58     | 690V AC / 100A        | 600V AC/DC / 100A | 4           |

## FUSE HOLDERS, 10 x 38 mm and CC Type



**NOTE:** All dimensions are shown in millimeters. To convert to inches multiply by 0.03937

### Accessories for The Modular Type PCF, EFD and EFH

Modular fuse holders have a unique user configurable feature. By using the modular snap kit (parts sold individually) a customer can configure any pole configuration by inserting the connecting element (3 per pole) into the slot in the side of the fuse holder and then pushing them together and inserting the connecting shaft into the handle.

**NOTE:** 1 kit suffices for the assembly of 50 sets.



#### 2 Pole Connection Kits

| Model No. | Usable with  |
|-----------|--|
| 002540948 | EFD 8, EFD 10, EFH 10, PCF 8, PCF 10, EFD CC, PCF CC |
| 002560948 | EFD 14, EFH 14                                       |
| 002570948 | EFD 22, EFD J30                                      |

#### 3 Pole Connection Kits

| Model No. | Usable with                                  |
|-----------|--|
| 002540949 | EFD 8, EFD 10, PCF 8, PCF 10, EFD CC, PCF CC |
| 002560949 | EFD 14                                       |
| 002570949 | EFD 22, EFD J30                              |

### Auxiliary Switches

| Model No. | Usable with | Type    |
|-----------|-------------|---------|
| 002559001 | PCF 10      | 1NO/1NC |
| 002569001 | EFD 14      | 1NO/1NC |
| 002579001 | EFD 22      | 1NO/1NC |

For Auxiliary switches to operate, a fuse with striker pin must be used.



# DISCONNECT & TEST

## SCREW TERMINAL BLOCKS

## DISCONNECT AND TEST TERMINAL BLOCKS

### HIGHLIGHTS

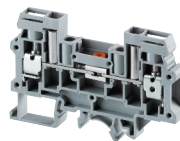
#### FEATURES

- Slider Style Disconnect Terminals
  - **CDS6U** - Standard Slider Disconnect
  - **CDS6U/TS** - Slider Disconnect with integrated testing points
  - **CDS6U/FT** - Same profile Feed-Through
- Separate Testing points allow insertion of standard test probes
- Disconnect is achieved by operating sliding link with screw driver
- **SLS2, SLS4** slide shorting link system
- **QJ8/2** - Shorting Plug

#### APPLICATIONS

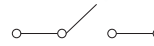
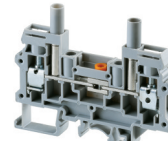
- (see following page)
- Disconnect & Test Applications
  - Measuring / Control Circuits
  - Utility Instruments and Transformer Applications
  - Meter Replacement
  - External Current Measurement
  - Switch Boards

### CDS6U



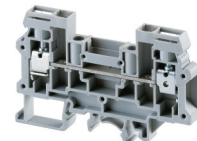
|                            |                                  |
|----------------------------|----------------------------------|
| Slider Disconnect Terminal |                                  |
| <b>Width</b>               | <b>8 mm</b>                      |
| <b>Length</b>              | <b>82 mm</b>                     |
| <b>Height w DIN Rail</b>   | <b>51.0 mm</b><br><b>59.2 mm</b> |
| <b>Weight per piece</b>    | <b>33.8 g</b>                    |

### CDS6U/TS



|   |                                  |
|---|----------------------------------|
| Slider Disconnect Terminal Including Test Sockets |                                  |
| <b>Width</b>                                      | <b>8 mm</b>                      |
| <b>Length</b>                                     | <b>82 mm</b>                     |
| <b>Height w DIN Rail</b>                          | <b>51.0 mm</b><br><b>59.2 mm</b> |
| <b>Weight per piece</b>                           | <b>33.8 g</b>                    |

### CDS6U/FT



|  |                                  |
|--|----------------------------------|
| Feed Through Terminal with CDS6U profile |                                  |
| <b>Width</b>                             | <b>6 mm</b>                      |
| <b>Length</b>                            | <b>82 mm</b>                     |
| <b>Height w DIN Rail</b>                 | <b>51.0 mm</b><br><b>59.2 mm</b> |
| <b>Weight per piece</b>                  | <b>21.2 g</b>                    |

#### Dimensions & Weight

|                          |                                  |
|--------------------------|----------------------------------|
| <b>Width</b>             | <b>8 mm</b>                      |
| <b>Length</b>            | <b>82 mm</b>                     |
| <b>Height w DIN Rail</b> | <b>51.0 mm</b><br><b>59.2 mm</b> |
| <b>Weight per piece</b>  | <b>33.8 g</b>                    |

#### Technical Data/Ratings

|                              |                     |
|------------------------------|---------------------|
| Approvals                    |                     |
| Wire Size (solid / stranded) | <b>22-8 AWG</b>     |
| Voltage Rating               | <b>600 V</b>        |
| Current Rating               | <b>45 A</b>         |
| Torque                       | <b>14 lb-in</b>     |
| Insulation Material          | <b>Polyamide 66</b> |

|                              |                     |
|------------------------------|---------------------|
| Approvals                    |                     |
| Wire Size (solid / stranded) | <b>22-8 AWG</b>     |
| Voltage Rating               | <b>600 V</b>        |
| Current Rating               | <b>45 A</b>         |
| Torque                       | <b>14 lb-in</b>     |
| Insulation Material          | <b>Polyamide 66</b> |

|                              |                     |
|------------------------------|---------------------|
| Approvals                    |                     |
| Wire Size (solid / stranded) | <b>22-8 AWG</b>     |
| Voltage Rating               | <b>600 V</b>        |
| Current Rating               | <b>45 A</b>         |
| Torque                       | <b>14 lb-in</b>     |
| Insulation Material          | <b>Polyamide 66</b> |

|                              |                     |
|------------------------------|---------------------|
| Approvals                    |                     |
| Wire Size (solid / stranded) | <b>22-8 AWG</b>     |
| Voltage Rating               | <b>600 V</b>        |
| Current Rating               | <b>45 A</b>         |
| Torque                       | <b>14 lb-in</b>     |
| Insulation Material          | <b>Polyamide 66</b> |

#### Installation Instructions

|                       |  |
|-----------------------|--|
| Wire Stripping Length |  |
| Screwdriver           |  |

|                       |                             |
|-----------------------|-----------------------------|
| Wire Stripping Length | <b>10 mm</b>                |
| Screwdriver           | <b>Flat Head 0.8 x 4 mm</b> |

|                       |                             |
|-----------------------|-----------------------------|
| Wire Stripping Length | <b>10 mm</b>                |
| Screwdriver           | <b>Flat Head 0.8 x 4 mm</b> |

|                       |                             |
|-----------------------|-----------------------------|
| Wire Stripping Length | <b>10 mm</b>                |
| Screwdriver           | <b>Flat Head 0.8 x 4 mm</b> |

#### Terminal Blocks

|                        |    |  |
|------------------------|----|--|
| <b>Grey (standard)</b> |    |  |
| Red                    | R  |  |
| Blue                   | BU |  |
| Black                  | BL |  |
| Orange                 | O  |  |
| Green                  | G  |  |
| Yellow                 | Y  |  |
| White                  | W  |  |

| Cat. No.     | Std. Pk. |
|--------------|----------|
| <b>CDS6U</b> | 50       |
| CDS6U/R      | 50       |
| CDS6U/BU     | 50       |
| CDS6U/BL     | 50       |
| CDS6U/O      | 50       |
| CDS6U/G      | 50       |
| CDS6U/Y      | 50       |
| CDS6U/W      | 50       |

| Cat. No.        | Std. Pk. |
|-----------------|----------|
| <b>CDS6U/TS</b> | 50       |
| CDS6U/TS/R      | 50       |
| CDS6U/TS/BU     | 50       |
| CDS6U/TS/BL     | 50       |
| CDS6U/TS/O      | 50       |
| CDS6U/TS/G      | 50       |
| CDS6U/TS/Y      | 50       |
| CDS6U/TS/W      | 50       |

| Cat. No.        | Std. Pk. |
|-----------------|----------|
| <b>CDS6U/FT</b> | 50       |
| CDS6U/FT/R      | 50       |
| CDS6U/FT/BU     | 50       |
| CDS6U/FT/BL     | 50       |
| CDS6U/FT/O      | 50       |
| CDS6U/FT/G      | 50       |
| CDS6U/FT/Y      | 50       |
| CDS6U/FT/W      | 50       |

#### Accessories

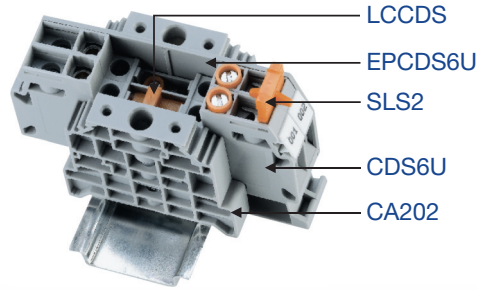
|                       |    |                     |                  |       |
|-----------------------|----|---------------------|------------------|-------|
| End Plate             |    | EPCDS6U             | 50               |       |
| DIN Rail              |    | 2511120             | 20               |       |
|                       |    | CA701-15/S          | 20               |       |
|                       |    | 2511160             | 10               |       |
| End Stop              |    | CA702               | 50               |       |
|                       |    | CA802               | 50               |       |
|                       |    | CA202               | 25               |       |
| Internal Jumper       |    | CA723/2             | 100              |       |
|                       |    | CA723/3             | 50               |       |
|                       |    | CA723/4             | 50               |       |
|                       |    | CA723/10            | 10               |       |
|                       |    | Slide Shorting Link |                  | SLS2  |
| SLS3                  | 25 |                     |                  |       |
| SLS4                  | 25 |                     |                  |       |
| Insulated Test Socket |    | grey                |                  | TPSLS |
| red                   |    | TPSLSR              | 100              |       |
| yellow                |    | TPSLSY              | 100              |       |
| blue                  |    | TPSLSBU             | 100              |       |
| black                 |    | TPSLSBK             | 100              |       |
| Lock Out Cap          |    | LCCDS               | 50               |       |
| Shorting Plug         |    | QJ8/2               | 25               |       |
| Marking Tag           |    | MT6                 | 1 Pk. (100 tags) |       |

| Cat. No.   | Std. Pk.         |
|------------|------------------|
| EPCDS6U    | 50               |
| 2511120    | 20               |
| CA701-15/S | 20               |
| 2511160    | 10               |
| CA702      | 50               |
| CA802      | 50               |
| CA202      | 25               |
| CA723/2    | 100              |
| CA723/3    | 50               |
| CA723/4    | 50               |
| CA723/10   | 10               |
| SLS2       | 50               |
| SLS3       | 25               |
| SLS4       | 25               |
| TPSLS      | 100              |
| TPSLSR     | 100              |
| TPSLSY     | 100              |
| TPSLSBU    | 100              |
| TPSLSBK    | 100              |
| LCCDS      | 50               |
| QJ8/2      | 25               |
| MT6        | 1 Pk. (100 tags) |

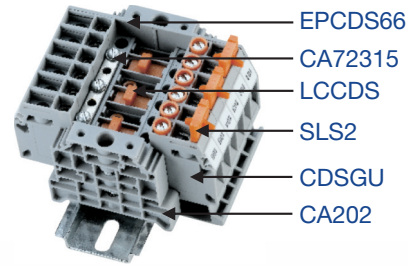
| Cat. No.   | Std. Pk.         |
|------------|------------------|
| EPCDS6U    | 50               |
| 2511120    | 20               |
| CA701-15/S | 20               |
| 2511160    | 10               |
| CA702      | 50               |
| CA802      | 50               |
| CA202      | 25               |
| CA723/2    | 100              |
| CA723/3    | 50               |
| CA723/4    | 50               |
| CA723/10   | 10               |
| SLS2       | 50               |
| SLS3       | 25               |
| SLS4       | 25               |
| TPSLS      | 100              |
| TPSLSR     | 100              |
| TPSLSY     | 100              |
| TPSLSBU    | 100              |
| TPSLSBK    | 100              |
| LCCDS      | 50               |
| QJ8/2      | 25               |
| MT6        | 1 Pk. (100 tags) |

| Cat. No.   | Std. Pk.         |
|------------|------------------|
| EPCDS6U    | 50               |
| 2511120    | 20               |
| CA701-15/S | 20               |
| 2511160    | 10               |
| CA702      | 50               |
| CA802      | 50               |
| CA202      | 25               |
| CA723/2    | 100              |
| CA723/3    | 50               |
| CA723/4    | 50               |
| CA723/10   | 10               |
| SLS2       | 50               |
| SLS3       | 25               |
| SLS4       | 25               |
| TPSLS      | 100              |
| TPSLSR     | 100              |
| TPSLSY     | 100              |
| TPSLSBU    | 100              |
| TPSLSBK    | 100              |
| LCCDS      | 50               |
| QJ8/2      | 25               |
| MT8        | 1 Pk. (100 tags) |

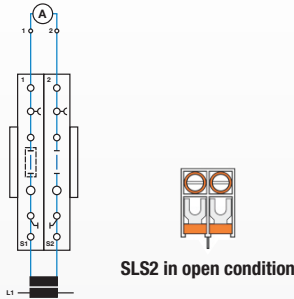
**Single Phase Current Transformer Test Circuit**



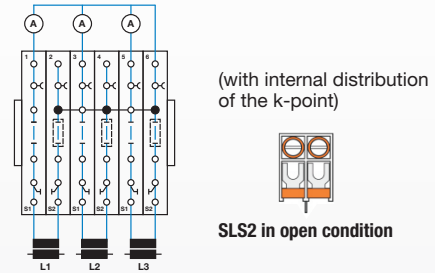
**3 Phase current Transformer Test Set**



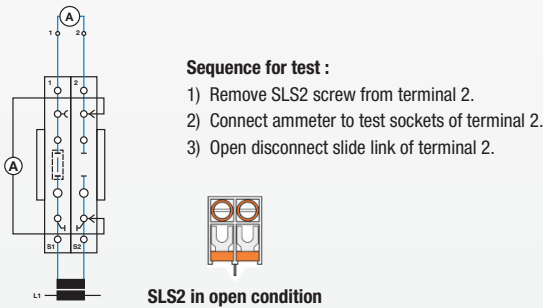
**Operating status**



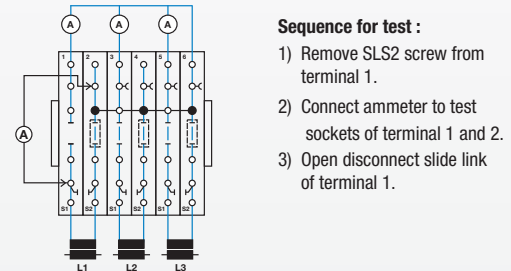
**Operating status**



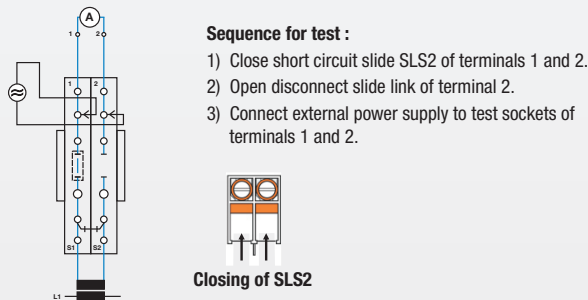
**Comparison measurement for L1**



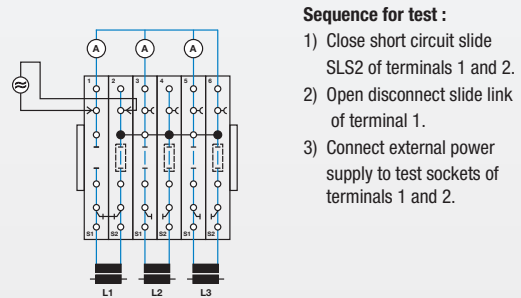
**Comparison measurement for L1**



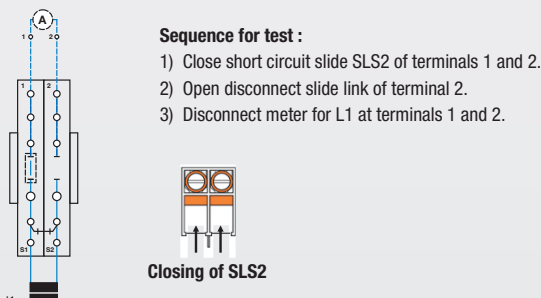
**Meter test for L1 through external power supply**



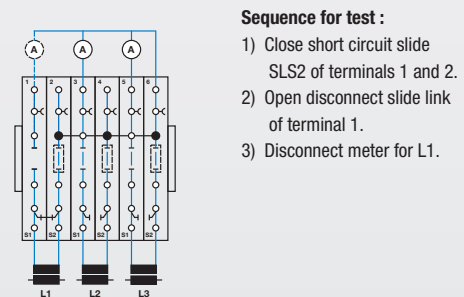
**Meter test for L1 through external power supply**



**Meter replacement**



**Meter Replacement for L1**





# DISCONNECT & TEST

SCREW TERMINAL BLOCKS

## BLADE/KNIFE STYLE DISCONNECT TERMINAL BLOCKS

### HIGHLIGHTS

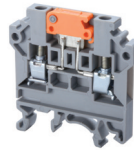
#### FEATURES

- Knife / Blade Style Disconnect Terminals
  - **CKT4U** - Standard Knife Disconnect
  - **CKT4U/4** - 4 Connection Knife Disconnect
- Specially designed socket headed screws act as fast monitoring points

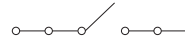
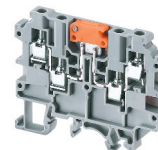
#### APPLICATIONS

- Disconnect & Test Applications

**CKT4U**



**CKT4U/4**



#### Dimensions & Weight

|                   | Knife Style Disconnect<br>2 Connections | Knife Style Disconnect<br>4 Connections |
|-------------------|---|---|
| <b>Width</b>      | <b>6 mm</b>                             | <b>6 mm</b>                             |
| Length            | 46.3 mm                                 | 65.0 mm                                 |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm               | 48.3 mm<br>56.0 mm                      |
| Weight per piece  | 10.5 g                                  | 16.6 g                                  |

#### Technical Data/Ratings

| Approvals                    |              |           |                       |                  |                       |
|------------------------------|--------------|-----------|-----------------------|------------------|-----------------------|
| Wire Size (solid / stranded) | 22-10 AWG    | 22-10 AWG | 0.2-4 mm <sup>2</sup> | <b>22-10 AWG</b> | 0.2-4 mm <sup>2</sup> |
| Voltage Rating               | 600 V        | 600 V     | 800 V                 | 600 V            | 800 V                 |
| Current Rating               | 35 A         | 16 A      | 28 A                  | 20 A             | 17.5 A                |
| Torque                       | 7 lb-in      | 7 lb-in   | 0.5 Nm                | 7 lb-in          | 0.5 Nm                |
| Insulation Material          | Polyamide 66 |           |                       | Polyamide 66     |                       |

#### Installation Instructions

|                       |                        |                        |
|-----------------------|------------------------|------------------------|
| Wire Stripping Length | 8 mm                   | 8 mm                   |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

#### Terminal Blocks

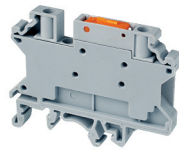
|                        | Cat. No.     | Std. Pk. | Cat. No.       | Std. Pk. |
|------------------------|--------------|----------|----------------|----------|
| <b>Grey (standard)</b> | <b>CKT4U</b> | 50       | <b>CKT4U/4</b> | 50       |
| Red R                  | CKT4U/R      | 50       | CKT4U/4/R      | 50       |
| Blue BU                | CKT4U/BU     | 50       | CKT4U/4/BU     | 50       |
| Black BL               | CKT4U/BL     | 50       | CKT4U/4/BL     | 50       |
| Orange O               | CKT4U/O      | 50       | CKT4U/4/O      | 50       |
| Green G                | CKT4U/G      | 50       | CKT4U/4/G      | 50       |
| Yellow Y               | CKT4U/Y      | 50       | CKT4U/4/Y      | 50       |
| White W                | CKT4U/W      | 50       | CKT4U/4/W      | 50       |

#### Accessories

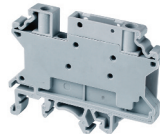
|                 | Cat. No.            | Std. Pk.         | Cat. No.   | Std. Pk.         |
|-----------------|---------------------|------------------|------------|------------------|
| End Plate       | EPCKT4U             | 50               | EPCKT4U/4  | 50               |
| DIN Rail        | 2511120             | 20               | 2511120    | 20               |
|                 | CA701-15/S          | 20               | CA701-15/S | 20               |
|                 | 2511160             | 10               | 2511160    | 10               |
| End Stop        | CA702               | 50               | CA702      | 50               |
|                 | CA802               | 50               | CA802      | 50               |
|                 | CA202               | 25               | CA202      | 25               |
| External Jumper | 2 pole<br>CA714/2   | 100              | CA714/2*   | 100              |
|                 | 3 pole<br>CA714/3   | 100              | CA714/3*   | 100              |
|                 | 4 pole<br>CA714/4   | 100              | CA714/4*   | 100              |
|                 | 10 pole<br>CA714/10 | 20               | CA714/10*  | 20               |
| Marking Tag     | MT6                 | 1 Pk. (100 tags) | MT6        | 1 Pk. (100 tags) |

\* Insulated External shorting links can be used only in the upper level clamping unit of the Terminal Block.

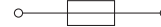
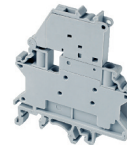
**CKT4SP**



**CF4SPFT**



**CF4SP**



**HIGHLIGHTS**

**FEATURES**

- Knife Style Disconnect Terminal
- **CF4SPFT** same profile Feed Through Terminal
- **CF4SP** same profile as Fuse Terminal, 5 x 20 mm Fuse Types

**APPLICATIONS**

- Control Systems with Fuse Protection
- Fused Control Circuits with alternating configurations (CF4SP, CF4SPFT, CGT4SP)
- Switch Boards

**Dimensions & Weight**

|  | Knife Style Disconnect<br>Same profile as CF4SP Fuse Block | Feed-Through Terminal<br>Same profile as CF4SP Fuse Block | Fuse Block<br>5x20 mm Fuse Type |
|--|--|---|---------------------------------|
| Width  | 6 mm   | 6 mm  | 8 mm                            |
| Length   | 58.5 mm  | 58.5 mm   | 57.0 mm                         |
| Height w DIN Rail<br>35 x 7.5 mm<br>35 x 15 mm | 46.0 mm<br>53.5 mm   | 46.0 mm<br>53.5 mm  | 50.3 mm<br>57.6 mm              |
| Weight per piece                               | 27.2 g   | g   | 16.9 g                          |

**Technical Data/Ratings**

| Approvals                    |              |                       |              |                       |              |                       |
|------------------------------|--------------|-----------------------|--------------|-----------------------|--------------|-----------------------|
| Wire Size (solid / stranded) | 24-10 AWG    | 0.2-4 mm <sup>2</sup> | 24-10 AWG    | 0.2-4 mm <sup>2</sup> | 24-10 AWG    | 0.2-4 mm <sup>2</sup> |
| Voltage Rating               | 600 V        | 1000 V                | 600 V        | 1000 V                | 600 V        | 1000 V AC/DC          |
| Current Rating               | 30 A         | 28 A                  | 30 A         | 32 A                  | 10 A         | 10 A                  |
| Torque                       | 4.5 lb-in    | 0.5 Nm                | 4.5 lb-in    | 0.5 Nm                | 4.5 lb-in    | 0.5 Nm                |
| Insulation Material          | Polyamide 66 |                       | Polyamide 66 |                       | Polyamide 66 |                       |

**Installation Instructions**

| Wire Stripping Length | 8 mm                   | 8 mm                   | 8 mm                   |
|-----------------------|------------------------|------------------------|------------------------|
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

**Terminal Blocks**

|                        | Cat. No.      | Std. Pk. | Cat. No.       | Std. Pk. | Cat. No.     | Std. Pk. |
|------------------------|---------------|----------|----------------|----------|--------------|----------|
| <b>Grey (standard)</b> | <b>CKT4SP</b> | 50       | <b>CF4SPFT</b> | 50       | <b>CF4SP</b> | 50       |
| Red R                  | CKT4SP/R      | 50       | CF4SPFT/R      | 50       | CF4SP/BU     | 50       |
| Blue BU                | CKT4SP/BU     | 50       | CF4SPFT/BU     | 50       | CF4SP/BL     | 50       |
| Black BL               | CKT4SP/BL     | 50       | CF4SPFT/BL     | 50       |              |          |
| Orange O               | CKT4SP/O      | 50       | CF4SPFT/O      | 50       |              |          |
| Green G                | CKT4SP/G      | 50       | CF4SPFT/G      | 50       |              |          |
| Yellow Y               | CKT4SP/Y      | 50       | CF4SPFT/Y      | 50       |              |          |
| White W                | CKT4SP/W      | 50       | CF4SPFT/W      | 50       |              |          |

**Accessories**

|                           | Cat. No.           | Std. Pk.         | Cat. No.           | Std. Pk.         | Cat. No.           | Std. Pk.         |
|---------------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|
| DIN Rail                  | 2511120            | 20               | 2511120            | 20               | 2511120            | 20               |
|                           | CA701-15/S         | 20               | CA701-15/S         | 20               | CA701-15/S         | 20               |
|                           | 2511160            | 10               | 2511160            | 10               | 2511160            | 10               |
| End Stop                  | CA702              | 50               | CA702              | 50               | -                  | -                |
|                           | CA802              | 50               | CA802              | 50               | -                  | -                |
|                           | CA202              | 25               | CA202              | 25               | -                  | -                |
| Internal Jumper           | 2 pole CA722/2     | 100              | 2 pole CA722/2     | 100              | 2 pole CA722/2     | 100              |
|                           | 3 pole CA722/3     | 100              | 3 pole CA722/3     | 100              | 3 pole CA722/3     | 100              |
|                           | 4 pole CA722/4     | 100              | 4 pole CA722/4     | 100              | 4 pole CA722/4     | 100              |
|                           | 10 pole CA722/10   | 10               | 10 pole CA722/10   | 10               | 10 pole CA722/10   | 10               |
|                           | 100 pole CA722/100 | 10               | 100 pole CA722/100 | 10               | 100 pole CA722/100 | 10               |
| Insulated Internal Jumper | 2 pole CA742/2     | 100              | 2 pole CA742/2     | 100              | 2 pole CA742/2     | 100              |
|                           | 3 pole CA742/3     | 100              | 3 pole CA742/3     | 100              | 3 pole CA742/3     | 100              |
|                           | 4 pole CA742/4     | 100              | 4 pole CA742/4     | 100              | 4 pole CA742/4     | 100              |
|                           | 10 pole CA742/10   | 10               | 10 pole CA742/10   | 10               | 10 pole CA742/10   | 10               |
|                           | 100 pole CA742/100 | 10               | 100 pole CA742/100 | 10               | 100 pole CA742/100 | 10               |
| External Jumper           | 2 pole CA714/2     | 100              | 2 pole CA714/2     | 100              | 2 pole CA714/2     | 100              |
|                           | 3 pole CA714/3     | 100              | 3 pole CA714/3     | 100              | 3 pole CA714/3     | 100              |
|                           | 4 pole CA714/4     | 100              | 4 pole CA714/4     | 100              | 4 pole CA714/4     | 100              |
|                           | 10 pole CA714/10   | 20               | 10 pole CA714/10   | 20               | 10 pole CA714/10   | 20               |
| Marking Tag               | MT6                | 1 Pk. (100 tags) | MT6                | 1 Pk. (100 tags) | MT6                | 1 Pk. (100 tags) |

# DISCONNECT & TEST

## SCREW TERMINAL BLOCKS

## SLIDER STYLE DISCONNECT TERMINAL BLOCKS

### HIGHLIGHTS

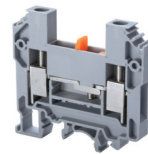
#### FEATURES

- Slider Style Disconnect Terminals
  - **CDTTU** - Standard Slider Disconnect
  - **CDTTU-SH** - Double Disconnect Terminal
  - **CDTTUFT** - Same profile Feed-Through
- Specially designed socket headed screws act as fast monitoring points
- Disconnect is achieved by operating sliding link with screw driver

#### APPLICATIONS

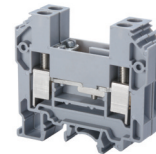
- Disconnect & Test Applications

#### CDTTU



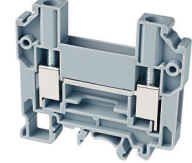
Slider Disconnect Terminal

#### CDTTU-SH



Slider Double Disconnect Terminal

#### CDTTUFT



Feed Through Terminal Slider Disconnect Profile

#### Dimensions & Weight

|                    | CDTTU                     | CDTTU-SH           | CDTTUFT            |
|--------------------|---------------------------|--------------------|--------------------|
| Width              | 8 mm                      | 16 mm              | 8 mm               |
| Length             | 63 mm                     | 63 mm              | 63 mm              |
| Height w/ DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 58.7 mm<br>65.7 mm | 58.7 mm<br>65.7 mm |
| Weight per piece   | 28.5 g                    | 59.2 g             | 27.1 g             |

#### Technical Data/Ratings

| Approvals                    |                                   |  |              |          |                        |                                   |  |
|------------------------------|-----------------------------------|--|--------------|----------|------------------------|-----------------------------------|--|
| Wire Size (solid / stranded) | 16-8 AWG / 1.5-10 mm <sup>2</sup> |  | 16-8 AWG     | 16-8 AWG | 1.5-10 mm <sup>2</sup> | 16-8 AWG / 1.5-10 mm <sup>2</sup> |  |
| Voltage Rating               | 600 V / 800 V                     |  | 300 V        | 300 V    | 160 V                  | 600 V / 800 V                     |  |
| Current Rating               | 41 A / 57 A                       |  | 25 A         | 25 A     | 10 A                   | 41 A / 57 A                       |  |
| Torque                       | 14 lb-in / 1.2 Nm                 |  | 14 lb-in     | 14 lb-in | 1.2 Nm                 | 14 lb-in / 1.2 Nm                 |  |
| Insulation Material          | Polyamide 66                      |  | Polyamide 66 |          |                        | Polyamide 66                      |  |

#### Installation Instructions

| Wire Stripping Length | CDTTU                  | CDTTU-SH               | CDTTUFT                |
|-----------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 12 mm                  | 12 mm                  | 12 mm                  |
| Screwdriver           | Flat Head 1.0 x 5.5 mm | Flat Head 1.0 x 5.5 mm | Flat Head 1.0 x 5.5 mm |

#### Terminal Blocks

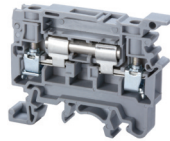
|                        | Cat. No.     | Std. Pk. | Cat. No.        | Std. Pk. | Cat. No.       | Std. Pk. |
|------------------------|--------------|----------|-----------------|----------|----------------|----------|
| <b>Grey (standard)</b> | <b>CDTTU</b> | 50       | <b>CDTTU-SH</b> | 20       | <b>CDTTUFT</b> | 50       |
| Red R                  | CDTTU/R      | 50       | CDTTU-SH/R      | 20       | CDTTUFT/R      | 50       |
| Blue BU                | CDTTU/BU     | 50       | CDTTU-SH/BU     | 20       | CDTTUFT/BU     | 50       |
| Black BL               | CDTTU/BL     | 50       | CDTTU-SH/BL     | 20       | CDTTUFT/BL     | 50       |
| Orange O               | CDTTU/O      | 50       | CDTTU-SH/O      | 20       | CDTTUFT/O      | 50       |
| Green G                | CDTTU/G      | 50       | CDTTU-SH/G      | 20       | CDTTUFT/G      | 50       |
| Yellow Y               | CDTTU/Y      | 50       | CDTTU-SH/Y      | 20       | CDTTUFT/Y      | 50       |
| White W                | CDTTU/W      | 50       | CDTTU-SH/W      | 20       | CDTTUFT/W      | 50       |

#### Accessories

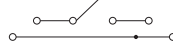
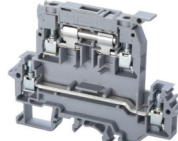
|                 | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|-----------------|------------|------------------|------------|------------------|------------|------------------|
| End Plate       | EPCDTTU    | 50               | EPCDTTU    | 50               | EPCDTTU    | 50               |
| DIN Rail        | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
|                 | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|                 | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| End Stop        | CA702      | 50               | CA702      | 50               | CA702      | 50               |
|                 | CA802      | 50               | CA802      | 50               | CA802      | 50               |
|                 | CA202      | 25               | CA202      | 25               | CA202      | 25               |
| Shorting Plug   | QJ8/2      | 25               | QJ8/2      | 25               | QJ8/2      | 25               |
| External Jumper | CA710/2    | 100              | CA710/2    | 100              | CA710/2    | 100              |
|                 | CA710/3    | 50               | CA710/3    | 50               | CA710/3    | 50               |
|                 | CA710/4    | 50               | CA710/4    | 50               | CA710/4    | 50               |
|                 | CA710/10   | 20               | CA710/10   | 20               | CA710/10   | 20               |
| Shorting Plug   | QJ8/2      | 25               | -          | -                | QJ8/2      | 25               |
| Marking Tag     | MT8        | 1 Pk. (100 tags) | MT8        | 1 Pk. (100 tags) | MT8        | 1 Pk. (100 tags) |

### LEVER STYLE DISCONNECT TERMINAL BLOCKS

#### CSDL4U



#### DDDL4U



#### Dimensions & Weight

|                   | Lever Style Disconnect | Lever Style Disconnect<br>Bottom Level Feed Through |
|-------------------|------------------------|---|
| Width             | 8 mm                   | 8 mm  |
| Length            | 58 mm                  | 88 mm   |
| Height w DIN Rail | 44.5 mm<br>35 x 15 mm  | 67.4 mm<br>74.3 mm                                  |
| Weight per piece  | 15.0 g                 | 27.0 g  |

#### Technical Data/Ratings

| Approvals                    |               |                       |               |              |                       |
|------------------------------|---------------|-----------------------|---------------|--------------|-----------------------|
| Wire Size (solid / stranded) | 22-10 AWG     | 0.2-4 mm <sup>2</sup> | 22-10 AWG     | 22-10 AWG    | 0.2-4 mm <sup>2</sup> |
| Voltage Rating               | 600 V         | 1000 V                | 600 V         | 600 V        | 800 V                 |
| Current Rating               | Top<br>Bottom | 14 A<br>-             | 6.3 A<br>35 A | 14 A<br>32 A | 10 A<br>32 A          |
| Torque                       | 7 lb-in       | 0.5 Nm                | 7 lb-in       | 7 lb-in      | 0.5 Nm                |
| Insulation Material          | Polyamide 66  |                       | Polyamide 66  |              |                       |

#### Installation Instructions

|                       |                        |                        |
|-----------------------|------------------------|------------------------|
| Wire Stripping Length | 9.5 mm                 | 9.5 mm                 |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

#### Terminal Blocks

|                        | Cat. No.      | Std. Pk. | Cat. No.      | Std. Pk. |
|------------------------|---------------|----------|---------------|----------|
| <b>Grey (standard)</b> | <b>CSDL4U</b> | 100      | <b>DDDL4U</b> | 20       |
| Red R                  | CSDL4U/R      | 100      | DDDL4U/R      | 20       |
| Blue BU                | CSDL4U/BU     | 100      | DDDL4U/BU     | 20       |
| Black BL               | CSDL4U/BL     | 100      | DDDL4U/BL     | 20       |
| Orange O               | CSDL4U/O      | 100      | DDDL4U/O      | 20       |
| Green G                | CSDL4U/G      | 100      | DDDL4U/G      | 20       |
| Yellow Y               | CSDL4U/Y      | 100      | DDDL4U/Y      | 20       |
| White W                | CSDL4U/W      | 100      | DDDL4U/W      | 20       |

#### Accessories

|                      | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|----------------------|------------|------------------|------------|------------------|
| End Plate            | EPCSFL4U   | 50               | EPDDL4U    | 50               |
| Isolation Partition  | PPCSFL4U   | 50               | -          | -                |
| DIN Rail             | 2511120    | 20               | 2511120    | 20               |
|                      | CA701-15/S | 20               | CA701-15/S | 20               |
|                      | 2511160    | 10               | 2511160    | 10               |
| End Stop             | CA702      | 50               | CA702      | 50               |
|                      | CA802      | 50               | CA802      | 50               |
|                      | CA202      | 50               | CA202      | 50               |
| Internal Jumper      | 2 pole     | -                | CA729/2    | 100              |
|                      | 3 pole     | -                | CA729/3    | 50               |
|                      | 4 pole     | -                | CA729/4    | 50               |
|                      | 10 pole    | -                | CA729/10   | 10               |
| Insulated Jumper     | 2 pole     | -                | CA749/2    | 100              |
|                      | 3 pole     | -                | CA749/3    | 50               |
|                      | 4 pole     | -                | CA749/4    | 50               |
|                      | 10 pole    | -                | CA749/10   | 10               |
| External Jumper      | CA711/2    | 100              | CA711/2    | 100              |
|                      | CA711/3    | 50               | CA711/3    | 50               |
|                      | CA711/4    | 50               | CA711/4    | 50               |
|                      | CA711/10   | 20               | CA711/10   | 2                |
| Marking Tag          | MT8        | 1 Pk. (100 tags) | MT8        | 1 Pk. (100 tags) |
| on terminal on lever | MT2        | 1 Pk. (100 tags) | MT2        | 1 Pk. (100 tags) |

### HIGHLIGHTS

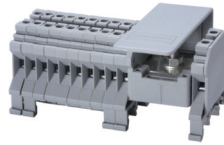
#### FEATURES

- Lever Style Disconnect Terminals
- **CSDL4U** - Standard Lever Disconnect
- **DDDL4U** - Lever Disconnect with Lower Level Feed-Through
- Same profile as **CAFL4U**

#### APPLICATIONS

- Disconnect Applications

### CDB4/X(1)



## HIGHLIGHTS

### FEATURES

- Distribution blocks with various output configurations
- Stud/Bolt to secure incoming wire
- Internally connected terminals
- Side/center feed versions
- up to 150A
- Protective shield for incoming wire

### APPLICATIONS

- Simplified distribution systems
- Phase distribution application

### INSTALLATION NOTES

- Sum of outgoing wires not to exceed incoming current
- Higher output currents should be connected close to the input

### Dimensions & Weight

|                   |             |          |
|-------------------|-------------|----------|
| Width             | 6 Outputs   | 52.0 mm  |
|                   | 8 Outputs   | 58.0 mm  |
|                   | 10 Outputs  | 64.0 mm  |
|                   | 12 Outputs  | 70.0 mm  |
|                   | 14 Outputs  | 76.0 mm  |
|                   | 22 Outputs  | 100.0 mm |
| Length            | 24 Outputs  | 106.0 mm |
|                   |             | 43 mm    |
| Height w DIN Rail | 35 x 7.5 mm | 46.2 mm  |
|                   | 35 x 15 mm  | 53.7 mm  |

|   |          |
|---|----------|
| 50A Distribution Terminal Block Side Feed |          |
|   | 52.0 mm  |
|   | 58.0 mm  |
|   | 64.0 mm  |
|   | 70.0 mm  |
|   | 76.0 mm  |
|   | 100.0 mm |
|   | 106.0 mm |
|   | 43 mm    |
|   | 46.2 mm  |
|   | 53.7 mm  |

### General Specifications

|                     |              |
|---------------------|--------------|
| Approvals           |              |
| Voltage Rating      | 600 V        |
| Insulation Material | Polyamide 66 |

|           |             |
|-----------|-------------|
|           |             |
| 60947-7-1 | 800 V AC/DC |

### INPUT

#### Technical Data/Ratings

|                              |          |                      |
|------------------------------|----------|----------------------|
| Wire Size (solid / stranded) | 10-8 AWG | 6-16 mm <sup>2</sup> |
| Current Rating               | 50 A     | 64 A                 |
| Torque                       | 26 lb-in | 2.0 Nm               |

|  |          |                      |
|--|----------|----------------------|
|  | 10-8 AWG | 6-16 mm <sup>2</sup> |
|  | 50 A     | 64 A                 |
|  | 26 lb-in | 2.0 Nm               |

### Installation Instructions

|                       |                   |
|-----------------------|-------------------|
| Wire Stripping Length | 8 mm              |
| Screwdriver           | Hex Nut Driver M8 |

|  |                   |
|--|-------------------|
|  | 8 mm              |
|  | Hex Nut Driver M8 |

### OUTPUT

#### Technical Data/Ratings

|                              |           |                       |
|------------------------------|-----------|-----------------------|
| Wire Size (solid / stranded) | 22-10 AWG | 0.2-4 mm <sup>2</sup> |
| Current Rating               | 35 A      | 64 A*                 |
| Torque                       | 7 lb-in   | 0.5 Nm                |

|  |           |                       |
|--|-----------|-----------------------|
|  | 22-10 AWG | 0.2-4 mm <sup>2</sup> |
|  | 35 A      | 64 A*                 |
|  | 7 lb-in   | 0.5 Nm                |

### Installation Instructions

|                       |                        |
|-----------------------|------------------------|
| Wire Stripping Length | 8 mm                   |
| Screwdriver           | Flat Head 0.6 x 3.5 mm |

|  |                        |
|--|------------------------|
|  | 8 mm                   |
|  | Flat Head 0.6 x 3.5 mm |

### Terminal Blocks

|                        |            |
|------------------------|------------|
| <b>Grey (standard)</b> |            |
| 6 Outputs              | CDB4/2(1)  |
| 8 Outputs              | CDB4/3(1)  |
| 10 Outputs             | CDB4/4(1)  |
| 12 Outputs             | CDB4/5(1)  |
| 14 Outputs             | CDB4/6(1)  |
| 22 Outputs             | CDB4/10(1) |
| 24 Outputs             | CDB4/11(1) |

|            |          |
|------------|----------|
| Cat. No.   | Std. Pk. |
| CDB4/2(1)  | 10       |
| CDB4/3(1)  | 10       |
| CDB4/4(1)  | 10       |
| CDB4/5(1)  | 5        |
| CDB4/6(1)  | 5        |
| CDB4/10(1) | 5        |
| CDB4/11(1) | 5        |

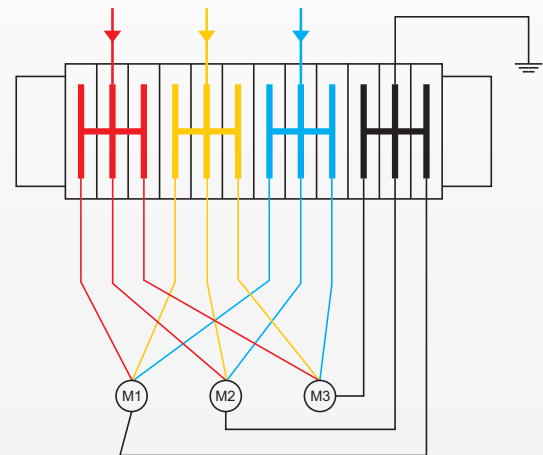
### Accessories

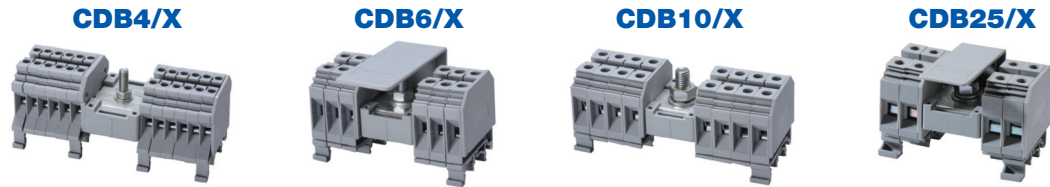
|             |  |         |                  |
|-------------|--|---------|------------------|
| DIN Rail    |  | 2511120 | 20               |
| End Stop    |  | CA702   | 50               |
| Marking Tag |  | CA802   | 50               |
|             |  | MT6     | 1 Pk. (100 tags) |

|            |                  |
|------------|------------------|
| Cat. No.   | Std. Pk.         |
| 2511120    | 20               |
| CA701-15/S | 20               |
| 2511160    | 10               |
| CA702      | 50               |
| CA802      | 50               |
| MT6        | 1 Pk. (100 tags) |

\* Total output current of system

### Phase Distribution Application with CDB Terminals





**Dimensions & Weight**

|                          | 50A Distribution Terminal Block Center Feed                                    | 100A Distribution Terminal Block Center Feed                    | 130A Distribution Terminal Block Center Feed  | 150A Distribution Terminal Block Center Feed |
|--------------------------|--|---|---|--|
| <b>Width</b>             | 4 Outputs<br>8 Outputs<br>12 Outputs<br>16 Outputs<br>20 Outputs<br>24 Outputs | 44.0 mm<br>56.0 mm<br>68.0 mm<br>80.0 mm<br>96.0 mm<br>108.0 mm | 48.0 mm<br>64.0 mm<br>80.0 mm<br>96.0 mm<br>- | -<br>88.0 mm<br>112.0 mm<br>136.0 mm<br>-    |
| <b>Length</b>            | 43 mm  | 48 mm   | 48 mm   | 49 mm  |
| <b>Height w DIN Rail</b> | 35 x 7.5 mm<br>35 x 15 mm  | 46.2 mm<br>53.7 mm  | 47.8 mm<br>55.5 mm                            | 57.2 mm<br>64.7 mm                           |

**General Specifications**

| Approvals                  | CE<br>UL US E220514<br>CS US<br>IEC 60947-7-1 | UL US E220514<br>CS US<br>IEC 60947-7-1 | UL US E220514<br>CS US<br>IEC 60947-7-1 | UL US E220514<br>CS US<br>IEC 60947-7-1 |
|----------------------------|---|---|---|---|
| <b>Voltage Rating</b>      | 600 V   | 800 V AC/DC                             | 600 V                                   | 800 V AC/DC                             |
| <b>Insulation Material</b> | Polyamide 66                                  |   |   |   |

**INPUT**

**Technical Data/Ratings**

| Wire Size (solid / stranded) | 10-8 AWG | 6-16 mm <sup>2</sup> | 10-2 AWG | 6-25 mm <sup>2</sup> | 8-1/0 AWG | 10-35 mm <sup>2</sup> | 6-2/0 AWG | 10-50 mm <sup>2</sup> |
|------------------------------|----------|----------------------|----------|----------------------|-----------|-----------------------|-----------|-----------------------|
| <b>Current Rating</b>        | 50 A     | 64 A                 | 100 A    | 82 A                 | 130 A     | 114 A                 | 150 A     | 150 A                 |
| <b>Torque</b>                | 26 lb-in | 2.0 Nm               | 35 lb-in | 3.0 Nm               | 53 lb-in  | 6.0 Nm                | 53 lb-in  | 6.0 Nm                |

**Installation Instructions**

| Wire Stripping Length | 8 mm              | 9 mm               | 11 mm              | 14 mm              |
|-----------------------|-------------------|--------------------|--------------------|--------------------|
| Screwdriver           | Hex Nut Driver M8 | Hex Nut Driver M10 | Hex Nut Driver M13 | Hex Nut Driver M15 |

**OUTPUT**

**Technical Data/Ratings**

| Wire Size (solid / stranded)       | 22-10 AWG | 0.2-4 mm <sup>2</sup> | 22-8 AWG | 1.5-6 mm <sup>2</sup> | 22-6 AWG | 1.5-10 mm <sup>2</sup> | 12-2 AWG | 6-25 mm <sup>2</sup> |
|------------------------------------|-----------|-----------------------|----------|-----------------------|----------|------------------------|----------|----------------------|
| <b>Current Rating (per output)</b> | 35 A      | 32 A                  | 50 A     | 41 A                  | 65 A     | 57 A                   | 75 A     | 75 A                 |
| <b>Torque</b>                      | 7 lb-in   | 0.5 Nm                | 14 lb-in | 0.8 Nm                | 14 lb-in | 1.2 Nm                 | 22 lb-in | 2.0 Nm               |

**Installation Instructions**

| Wire Stripping Length | 8 mm                   | 9 mm                 | 11 mm                | 14 mm                  |
|-----------------------|------------------------|----------------------|----------------------|------------------------|
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.8 x 4 mm | Flat Head 0.8 x 4 mm | Flat Head 1.0 x 5.5 mm |

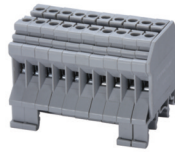
**Terminal Blocks**

|                        | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. | Cat. No. | Std. Pk. |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>Grey (standard)</b> |          |          |          |          |          |          |          |          |
| 4 Outputs              | CDB4/1   | 10       | CDB6/1   | 10       | -        | -        | CDB25/1  | 10       |
| 8 Outputs              | CDB4/2   | 10       | CDB6/2   | 10       | CDB10/2  | 10       | CDB25/2  | 10       |
| 12 Outputs             | CDB4/3   | 10       | CDB6/3   | 10       | CDB10/3  | 10       | CDB25/3  | 10       |
| 16 Outputs             | CDB4/4   | 10       | CDB6/4   | 5        | CDB10/4  | 5        | CDB25/4  | 5        |
| 20 Outputs             | CDB4/5   | 5        | -        | -        | -        | -        | -        | -        |
| 24 Outputs             | CDB4/6   | 5        | -        | -        | -        | -        | -        | -        |

**Accessories**

|                    | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|--------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|
| <b>DIN Rail</b>    |            |                  |            |                  |            |                  |            |                  |
| 32mm               | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
| 35mm               | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|                    | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| <b>End Stop</b>    | CA702      | 50               | CA702      | 50               | CA702      | 50               | CA702      | 50               |
|                    | CA802      | 50               | CA802      | 50               | CA802      | 50               | CA802      | 50               |
| <b>Marking Tag</b> | MT6        | 1 Pk. (100 tags) | MT8        | 1 Pk. (100 tags) | MT10       | 1 Pk. (100 tags) | MT12       | 1 Pk. (100 tags) |

### CMDB4/X



### CMDB6/X



### CMDB10/X



### CMDB25/X



### Dimensions

|                          | 35 A Distribution Terminal Block      | 50 A Distribution Terminal Block         | 65 A Distribution Terminal Block         | 85 A Distribution Terminal Block          |  |
|--------------------------|---------------------------------------|--|--|---|--|
| <b>Width</b>             | 2 pole<br>3 pole<br>4 pole<br>10 pole | 13.5 mm<br>19.5 mm<br>25.5 mm<br>61.5 mm | 17.5 mm<br>25.5 mm<br>33.5 mm<br>81.5 mm | 21.5 mm<br>31.5 mm<br>41.5 mm<br>101.5 mm | 26.0 mm<br>38.0 mm<br>50.0 mm<br>62.0 mm |
| <b>Length</b>            | 43 mm                                 | 48 mm                                    | 48 mm                                    | 49 mm                                     |  |
| <b>Height w DIN Rail</b> | 35 x 7.5 mm<br>35 x 15 mm             | 46.2 mm<br>53.7 mm                       | 47.8 mm<br>55.5 mm                       | 47.8 mm<br>55.5 mm                        | 57.2 mm<br>64.7 mm                       |

### Technical Data/Ratings

| Approvals                           |                  |                       |                 |                       |                 |                        |                 |                        |
|-------------------------------------|------------------|-----------------------|-----------------|-----------------------|-----------------|------------------------|-----------------|------------------------|
| <b>Wire Size (solid / stranded)</b> | <b>22-10 AWG</b> | 0.2-4 mm <sup>2</sup> | <b>22-8 AWG</b> | 1.5-6 mm <sup>2</sup> | <b>22-6 AWG</b> | 1.5-10 mm <sup>2</sup> | <b>12-4 AWG</b> | 6.0-25 mm <sup>2</sup> |
| <b>Voltage Rating</b>               | 600 V            | 1000V AC/DC           | 600 V           | 1000V AC/DC           | 600 V           | 1000V AC/DC            | 600 V           | 800V AC/DC             |
| <b>Current Rating</b>               | 35 A             | 32 A                  | 50 A            | 41 A                  | 65 A            | 57 A                   | 85 A            | 101 A                  |
| <b>Torque</b>                       | 7 lb-in          | 0.5 Nm                | 14 lb-in        | 0.8 Nm                | 14 lb-in        | 1.2 Nm                 | 22 lb-in        | 2.0 Nm                 |
| <b>Insulation Material</b>          | Polyamide 66     |                       | Polyamide 66    |                       | Polyamide 66    |                        | Polyamide 66    |                        |

### Installation Instructions

|                              |                        |                      |                      |                        |
|------------------------------|------------------------|----------------------|----------------------|------------------------|
| <b>Wire Stripping Length</b> | 8 mm                   | 9 mm                 | 11 mm                | 14 mm                  |
| <b>Screwdriver</b>           | Flat Head 0.6 x 3.5 mm | Flat Head 0.8 x 4 mm | Flat Head 0.8 x 4 mm | Flat Head 1.0 x 5.5 mm |

### Terminal Blocks

#### 4 Outputs

|                        | Cat. No.       | Std. Pk. | Cat. No.       | Std. Pk. | Cat. No.        | Std. Pk. | Cat. No.        | Std. Pk. |
|------------------------|----------------|----------|----------------|----------|-----------------|----------|-----------------|----------|
| <b>Grey (standard)</b> | <b>CMDB4/2</b> | 10       | <b>CMDB6/2</b> | 10       | <b>CMDB10/2</b> | 10       | <b>CMDB25/2</b> | 10       |
| Red R                  | CMDB4/2/R      | 10       | CMDB6/2/R      | 10       | CMDB10/2/R      | 10       | CMDB25/2/R      | 10       |
| Blue BU                | CMDB4/2/BU     | 10       | CMDB6/2/BU     | 10       | CMDB10/2/BU     | 10       | CMDB25/2/BU     | 10       |
| Black BL               | CMDB4/2/BL     | 10       | CMDB6/2/BL     | 10       | CMDB10/2/BL     | 10       | CMDB25/2/BL     | 10       |

#### 6 Outputs

|                        | Cat. No.       | Std. Pk. | Cat. No.       | Std. Pk. | Cat. No.        | Std. Pk. | Cat. No.        | Std. Pk. |
|------------------------|----------------|----------|----------------|----------|-----------------|----------|-----------------|----------|
| <b>Grey (standard)</b> | <b>CMDB4/3</b> | 10       | <b>CMDB6/3</b> | 10       | <b>CMDB10/3</b> | 10       | <b>CMDB25/3</b> | 10       |
| Red R                  | CMDB4/3/R      | 10       | CMDB6/3/R      | 10       | CMDB10/3/R      | 10       | CMDB25/3/R      | 10       |
| Blue BU                | CMDB4/3/BU     | 10       | CMDB6/3/BU     | 10       | CMDB10/3/BU     | 10       | CMDB25/3/BU     | 10       |
| Black BL               | CMDB4/3/BL     | 10       | CMDB6/3/BL     | 10       | CMDB10/3/BL     | 10       | CMDB25/3/BL     | 10       |

#### 8 Outputs

|                        | Cat. No.       | Std. Pk. | Cat. No.       | Std. Pk. | Cat. No.        | Std. Pk. | Cat. No.        | Std. Pk. |
|------------------------|----------------|----------|----------------|----------|-----------------|----------|-----------------|----------|
| <b>Grey (standard)</b> | <b>CMDB4/4</b> | 10       | <b>CMDB6/4</b> | 10       | <b>CMDB10/4</b> | 10       | <b>CMDB25/4</b> | 10       |
| Red R                  | CMDB4/4/R      | 10       | CMDB6/4/R      | 10       | CMDB10/4/R      | 10       | CMDB25/4/R      | 10       |
| Blue BU                | CMDB4/4/BU     | 10       | CMDB6/4/BU     | 10       | CMDB10/4/BU     | 10       | CMDB25/4/BU     | 10       |
| Black BL               | CMDB4/4/BL     | 10       | CMDB6/4/BL     | 10       | CMDB10/4/BL     | 10       | CMDB25/4/BL     | 10       |

#### 20 Outputs

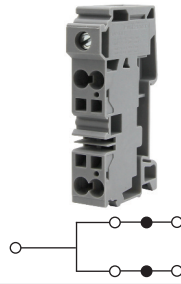
|                        | Cat. No.        | Std. Pk. | Cat. No.        | Std. Pk. | Cat. No.         | Std. Pk. | Cat. No.         | Std. Pk. |
|------------------------|-----------------|----------|-----------------|----------|------------------|----------|------------------|----------|
| <b>Grey (standard)</b> | <b>CMDB4/10</b> | 10       | <b>CMDB6/10</b> | 10       | <b>CMDB10/10</b> | 5        | <b>CMDB25/10</b> | 10       |
| Red R                  | CMDB4/10/R      | 10       | CMDB6/10/R      | 10       | CMDB10/10/R      | 5        | CMDB25/10/R      | 10       |
| Blue BU                | CMDB4/10/BU     | 10       | CMDB6/10/BU     | 10       | CMDB10/10/BU     | 5        | CMDB25/10/BU     | 10       |
| Black BL               | CMDB4/10/BL     | 10       | CMDB6/10/BL     | 10       | CMDB10/10/BL     | 5        | CMDB25/10/BL     | 10       |

### Accessories

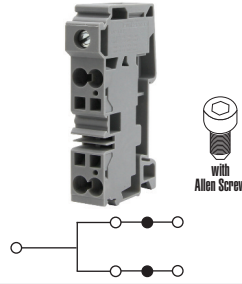
|                    | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|--------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|
| <b>DIN Rail</b>    | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
|                    | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|                    | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| <b>End Stop</b>    | CA702      | 50               | CA702      | 50               | CA702      | 50               | CA702      | 50               |
|                    | CA802      | 50               | CA802      | 50               | CA802      | 50               | CA802      | 50               |
| <b>Marking Tag</b> | MT6        | 1 Pk. (100 tags) | MT8        | 1 Pk. (100 tags) | MT10       | 1 Pk. (100 tags) | MT12       | 1 Pk. (100 tags) |

**CXDB35/10**

**CXDB35/10A**



1 Flat Head Screw Input  
4 Spring Clamp Outputs



1 Hex Screw Input  
4 Spring Clamp Outputs

**Dimensions & Weight**

|                   |                           |                    |
|-------------------|---------------------------|--------------------|
| Width             | 16 mm                     | 16 mm              |
| Length            | 81.6 mm                   | 81.6 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 46.8 mm<br>54.3 mm |
| Weight per piece  | 53.2 g                    | 53.2 g             |

**General Specifications**

|                     |              |             |
|---------------------|--------------|-------------|
| Approvals           |              |             |
| Voltage Rating      | 600 V        | 1000V AC/DC |
| Insulation Material | Polyamide 66 |             |

**INPUT**

**Technical Data/Ratings**

|                              |          |                        |          |                        |
|------------------------------|----------|------------------------|----------|------------------------|
| Wire Size (solid / stranded) | 14-2 AWG | 1.5-35 mm <sup>2</sup> | 14-2 AWG | 1.5-35 mm <sup>2</sup> |
| Current Rating               | 115 A    | 125 A                  | 115 A    | 125 A                  |
| Torque                       | 25 lb-in | 2.5 Nm                 | 25 lb-in | 2.5 Nm                 |

**Installation Instructions**

|                       |                        |              |
|-----------------------|------------------------|--------------|
| Wire Stripping Length | 17 mm                  | 17 mm        |
| Screwdriver           | Flat Head 1.0 x 5.5 mm | Hex Screw M5 |

**OUTPUT**

**Technical Data/Ratings**

|                              |          |                        |          |                        |
|------------------------------|----------|------------------------|----------|------------------------|
| Wire Size (solid / stranded) | 24-8 AWG | 0.2-10 mm <sup>2</sup> | 24-8 AWG | 0.2-10 mm <sup>2</sup> |
| Current Rating               | 41 A     | 41 A                   | 41 A     | 41 A                   |

**Installation Instructions**

|                       |                      |                      |
|-----------------------|----------------------|----------------------|
| Wire Stripping Length | 15 mm                | 15 mm                |
| Screwdriver           | Flat Head 0.8 x 4 mm | Flat Head 0.8 x 4 mm |

**Terminal Blocks**

|             |                  |          |                   |          |
|-------------|------------------|----------|-------------------|----------|
|             | Cat. No.         | Std. Pk. | Cat. No.          | Std. Pk. |
| <b>Grey</b> | <b>CXDB35/10</b> | 20       | <b>CXDB35/10A</b> | 20       |

**Accessories**

|             |                                   |                       |                                   |                       |
|-------------|-----------------------------------|-----------------------|-----------------------------------|-----------------------|
|             | Cat. No.                          | Std. Pk.              | Cat. No.                          | Std. Pk.              |
| DIN Rail    | 2511120<br>CA701-15/S             | 20<br>20              | 2511120<br>CA701-15/S             | 20<br>20              |
| End Clamp   | CA702<br>CA802<br>CA103           | 50<br>50<br>50        | CA702<br>CA802<br>CA103           | 50<br>50<br>50        |
| Jumpers     | JX6/2<br>JX6/3<br>JX6/4<br>JX6/10 | 100<br>50<br>50<br>10 | JX6/2<br>JX6/3<br>JX6/4<br>JX6/10 | 100<br>50<br>50<br>10 |
| Marking Tag | MT16                              | 1 Pk. (100 tags)      | MT16                              | 1 Pk. (100 tags)      |

**HIGHLIGHTS**

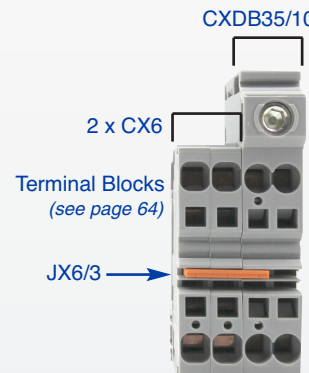
**FEATURES**

- Hybrid Distribution Terminal Block
- Screw input (115A)
- 4 spring clamp outputs (4 x41A)
- Modular system
- Standard slot & hex screw versions
- Expandable with standard CX Series jumpers and terminal blocks
- Easy Installation

**APPLICATIONS**

- Miniature Circuit Breaker (MCB) distribution
- Limited space distribution

**Output Expansion**



**MCB Distribution Example**





### HIGHLIGHTS

#### FEATURES

- 3 Clamp Sizes
- Panel Mount
  - NES
  - NEB6
- DIN Rail Mount
  - CA202
  - NEB10
- Tin Plated Copper Busbars
- Busbar Current rating 140A
- Standard Color: Green
- Various colors

#### APPLICATIONS

- Grounding Solution
- Terminating Neutral an Grounding Wires to a single busbar
- Distribution Applications



#### Dimensions & Weight

|                  | CENC4   | CENC16  | CENC35  |
|------------------|---------|---------|---------|
| Width            | 7.5 mm  | 9.8 mm  | 14.5 mm |
| Length           | 23.3 mm | 23.3 mm | 27.3 mm |
| Weight per piece | 8 g     | 10.5 g  | 20 g    |

#### Technical Data/Ratings

| Approvals                    | CENC4        |            |                       | CENC16       |            |                       | CENC35       |            |                       |
|------------------------------|--------------|------------|-----------------------|--------------|------------|-----------------------|--------------|------------|-----------------------|
|                              | CE           | UL E220514 | IEC 60947-7-2         | UL E220514   | UL E220514 | IEC 60947-7-2         | UL E220514   | UL E220514 | IEC 60947-7-2         |
| Wire Size (solid / stranded) | 22-12 AWG    | 22-12 AWG  | 0.2-6 mm <sup>2</sup> | 10-6 AWG     | 10-6 AWG   | 10-16 mm <sup>2</sup> | 8-2 AWG      | 8-2 AWG    | 10-35 mm <sup>2</sup> |
| Voltage Rating               | 600 V        | 600 V      | 800 V                 | 600 V        | 600 V      | 800 V                 | 600 V        | 600 V      | 800 V                 |
| Current Rating               | -            | -          | 37 A                  | -            | -          | 76 A                  | -            | -          | 125 A                 |
| Torque                       | 14 lb-in     | 14 lb-in   | 0.8 Nm                | 17.5 lb-in   | 17.5 lb-in | 2.0 Nm                | 25 lb-in     | 25 lb-in   | 2.5 Nm                |
| Insulation Material          | Polyamide 66 |            |                       | Polyamide 66 |            |                       | Polyamide 66 |            |                       |

#### Installation Instructions

|                       | CENC4                | CENC16                 | CENC35                 |
|-----------------------|----------------------|------------------------|------------------------|
| Wire Stripping Length | 12 mm                | 16 mm                  | 16 mm                  |
| Screwdriver           | Flat Head 0.8 x 4 mm | Flat Head 1.0 x 5.5 mm | Flat Head 1.0 x 5.5 mm |

#### Terminal Blocks

|                         | Cat. No. | Std. Pk. | Cat. No.      | Std. Pk. | Cat. No.      | Std. Pk. |
|-------------------------|----------|----------|---------------|----------|---------------|----------|
| <b>Green (standard)</b> |          |          | <b>CENC16</b> | 50       | <b>CENC35</b> | 50       |
| Black BL                | CENC4/BL | 50       | CENC16/BL     | 50       | CENC35/BL     | 50       |
| Blue BU                 | CENC4/BU | 50       | CENC16/BU     | 50       | CENC35/BU     | 50       |
| Grey GR                 | CENC4/GR | 50       | CENC16/GR     | 50       | CENC35/GR     | 50       |
| Yellow Y                | CENC4/Y  | 50       | CENC16/Y      | 50       | CENC35/Y      | 50       |

#### Mounting Accessories

##### Panel Mount

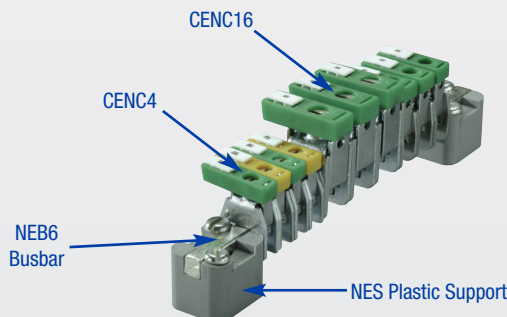
|                                   | Cat. No. | Std. Pk.         | Cat. No. | Std. Pk.         | Cat. No. | Std. Pk.         |
|-----------------------------------|----------|------------------|----------|------------------|----------|------------------|
| Busbar (6 x 6 mm)                 | NEB6     | 1 m              | NEB6     | 1 m              | NEB6     | 1 m              |
| Plastic Support with Fixing Screw | NES      | 50               | NES      | 50               | NES      | 50               |
| Marking Tag                       | MT5      | 1 Pk. (100 tags) | MT6      | 1 Pk. (100 tags) | MT6      | 1 Pk. (100 tags) |

##### Mounting Accessories

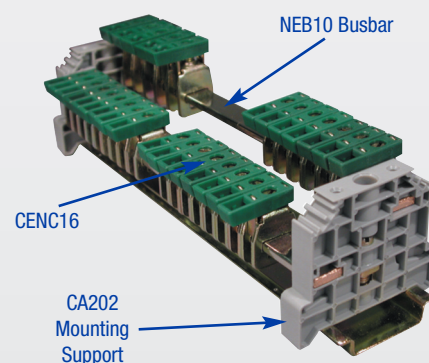
##### DIN Rail Mount

|  | Cat. No. | Std. Pk.         | Cat. No. | Std. Pk.         | Cat. No. | Std. Pk.         |
|--|----------|------------------|----------|------------------|----------|------------------|
| Busbar (10 x 3 mm)                         | NEB10    | 1 m              | NEB10    | 1 m              | NEB10    | 1 m              |
| End Clamp/Busbar support for rail mounting | CA202    | 50               | CA202    | 50               | CA202    | 50               |
| Marking Tag                                | MT5      | 1 Pk. (100 tags) | MT6      | 1 Pk. (100 tags) | MT6      | 1 Pk. (100 tags) |

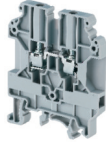
#### Panel Mount Assembly Example



#### DIN Rail Mount Assembly Example



### CHV4U



### CHV6U



### CHV10U



### Dimensions & Weight

|                    |                           |                    |                    |                    |
|--------------------|---------------------------|--------------------|--------------------|--------------------|
| Width              |                           | <b>6 mm</b>        | <b>8 mm</b>        | <b>10 mm</b>       |
| Length             |                           | 52 mm              | 52 mm              | 52 mm              |
| Height w/ DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 63.4 mm<br>70.8 mm | 63.4 mm<br>70.8 mm | 63.4 mm<br>70.8 mm |
| Weight per piece   |                           | 11.0 g             | 16.0 g             | 21.6 g             |

### Technical Data/Ratings

|                              |                  |                       |                 |                       |                 |                        |
|------------------------------|------------------|-----------------------|-----------------|-----------------------|-----------------|------------------------|
| Approvals                    |                  |                       |                 |                       |                 |                        |
| Wire Size (solid / stranded) | <b>22-10 AWG</b> | 0.2-4 mm <sup>2</sup> | <b>22-8 AWG</b> | 0.2-6 mm <sup>2</sup> | <b>20-6 AWG</b> | 0.2-10 mm <sup>2</sup> |
| Voltage Rating               | 1000 V           | 1500 V AC/DC          | 1000 V          | 1500 V AC/DC          | 1000 V          | 1500 V AC/DC           |
| Current Rating               | 35 A             | 32 A                  | 50 A            | 41 A                  | 65 A            | 57 A                   |
| Torque                       | 7 lb-in          | 0.5 Nm                | 14 lb-in        | 0.8 Nm                | 14 lb-in        | 1.2 Nm                 |
| Insulation Material          | Polyamide 66     |                       | Polyamide 66    |                       | Polyamide 66    |                        |

### Installation Instructions

|                       |  |                        |                      |                      |
|-----------------------|--|------------------------|----------------------|----------------------|
| Wire Stripping Length |  | 12 mm                  | 14 mm                | 14 mm                |
| Screwdriver           |  | Flat Head 0.6 x 3.5 mm | Flat Head 0.8 x 4 mm | Flat Head 0.8 x 4 mm |

### Terminal Blocks

|                        | Cat. No.     | Std. Pk. | Cat. No.     | Std. Pk. | Cat. No.      | Std. Pk. |
|------------------------|--------------|----------|--------------|----------|---------------|----------|
| <b>Grey (standard)</b> | <b>CHV4U</b> | 50       | <b>CHV6U</b> | 50       | <b>CHV10U</b> | 50       |
| Red R                  | CHV4U/R      | 50       | CHV6U/R      | 50       | CHV10U/R      | 50       |
| Blue BU                | CHV4U/BU     | 50       | CHV6U/BU     | 50       | CHV10U/BU     | 50       |
| Black BL               | CHV4U/BL     | 50       | CHV6U/BL     | 50       | CHV10U/BL     | 50       |
| Orange O               | CHV4U/O      | 50       | CHV6U/O      | 50       | CHV10U/O      | 50       |
| Green G                | CHV4U/G      | 50       | CHV6U/G      | 50       | CHV10U/G      | 50       |
| Yellow Y               | CHV4U/Y      | 50       | CHV6U/Y      | 50       | CHV10U/Y      | 50       |
| White W                | CHV4U/W      | 50       | CHV6U/W      | 50       | CHV10U/W      | 50       |

### Accessories

|                 | Cat. No.         | Std. Pk.         | Cat. No.         | Std. Pk.         | Cat. No.         | Std. Pk.         |
|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| End Plate       | EPUSC            | 50               | EPUSC            | 50               | EPUSC            | 50               |
| Separator Plate | SP2.5/4UN        | 50               | SP2.5/4UN        | 50               | SP2.5/4UN        | 50               |
| DIN Rail        | 2511120          | 20               | 2511120          | 20               | 2511120          | 20               |
|                 | CA701-15/S       | 20               | CA701-15/S       | 20               | CA701-15/S       | 20               |
|                 | 2511160          | 10               | 2511160          | 10               | 2511160          | 10               |
| End Stop        | CA702            | 50               | CA702            | 50               | CA702            | 50               |
|                 | CA802            | 50               | CA802            | 50               | CA802            | 50               |
|                 | CA202            | 25               | CA202            | 25               | CA202            | 25               |
|                 | Internal Jumper  | 2 pole CA623/2   | 100              | 2 pole CA624/2   | 100              | 2 pole CA625/2   |
|                 | 3 pole CA623/3   | 100              | 3 pole CA624/3   | 100              | 3 pole CA625/3   | 100              |
|                 | 4 pole CA623/4   | 100              | 4 pole CA624/4   | 100              | 4 pole CA625/4   | 100              |
|                 | 10 pole CA623/10 | 10               | 10 pole CA624/10 | 10               | 10 pole CA625/10 | 10               |
| Marking Tag     | MT6              | 1 Pk. (100 tags) | MT8              | 1 Pk. (100 tags) | MT10             | 1 Pk. (100 tags) |

## HIGHLIGHTS

### FEATURES

- High Voltage Terminal Blocks
- 1000V UL Rating
- 1500V IEC DC Rating
- Same Profile on all Current Ratings

### APPLICATIONS

- Solar Applications
- High Voltage Applications

# THERMOCOUPLE

SCREW TERMINAL BLOCKS

THERMOCOUPLE BLOCKS

## HIGHLIGHTS

### FEATURES

- Thermocouple terminal blocks are used to extend thermocouple compensating lines in measuring circuits
- The current bar of the terminal block is made of the same material as the thermocouple wire (As per EN 60584/DINEN 60584)
- No loss of potential at the connection points
- Available types:
  - K Type** - Chromel (NiCr), Alumel (Ni)
  - J Type** - Iron (Fe), Constantan (CuNi)
  - T Type** - Copper (Cu), Constantan (CuNi)
  - E Type** - Chromel (NiCr), Constantan (CuNi)

### APPLICATIONS

- Measurement applications

## CTT2.5UK/J/T/E



### Dimensions & Weight

|                   |             |         |
|-------------------|-------------|---------|
| Width             | 10 mm       |         |
| Length            | 43 mm       |         |
| Height w DIN Rail | 35 x 7.5 mm | 46.2 mm |
|                   | 35 x 15 mm  | 53.7 mm |
| Weight per piece  | 12.4 g      |         |

### Technical Data/Ratings

|                              |                  |                         |
|------------------------------|------------------|-------------------------|
| Approvals                    |                  |                         |
| Wire Size (solid / stranded) | 22-14 AWG        | 0.2-2.5 mm <sup>2</sup> |
| Voltage Rating               | 1000 V AC/DC     |                         |
| Current Rating               | 10 A             |                         |
| Torque                       | 7 lb-in / 0.4 Nm |                         |
| Insulation Material          | Polyamide 66     |                         |

### Installation Instructions

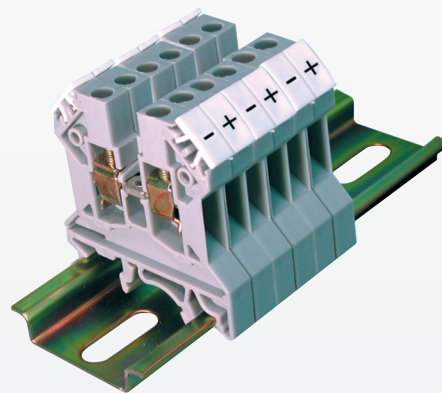
|                       |                      |
|-----------------------|----------------------|
| Wire Stripping Length | 8 mm                 |
| Screwdriver           | Flat Head 0.5 x 3 mm |

### Terminal Blocks

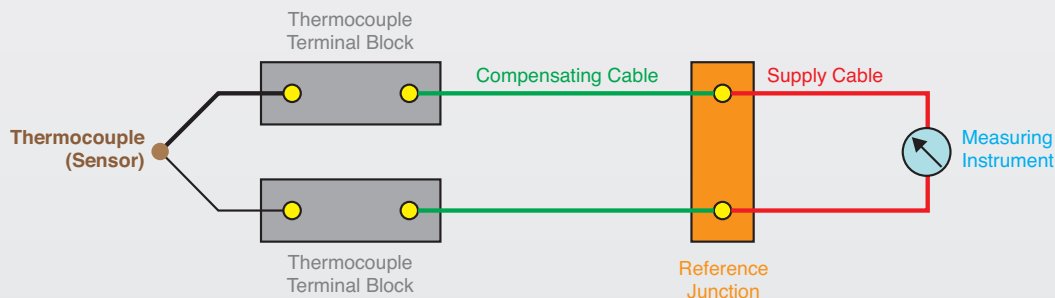
|        | Cat. No. | Std. Pk. |
|--------|----------|----------|
| Grey   |          |          |
| U Type | CTT2.5UK | 50       |
| J Type | CTT2.5UJ | 50       |
| T Type | CTT2.5UT | 50       |
| G Type | CTT2.5UG | 50       |

### Accessories

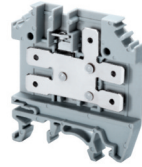
|                 | Cat. No.   | Std. Pk. |
|-----------------|------------|----------|
| End Plate       | EP2.5/4UN  | 50       |
| Partition Plate | PP2.5/4UN  | 50       |
| DIN Rail        | 2511120    | 20       |
|                 | CA701-15/S | 20       |
|                 | 2511160    | 10       |
| End Stop        | CA702      | 100      |
|                 | CA802      | 100      |
| Marking Tag     | INCLUDED   |          |



### Typical Temperature Measuring Circuit



**CTC4U**



**Dimensions & Weight**

|                   |                           |
|-------------------|---------------------------|
| <b>Width</b>      | <b>6 mm</b>               |
| Length            | 47 mm                     |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm |
|                   | 51.2 mm<br>58.8 mm        |
| Weight per piece  | 8.0 g                     |

**Technical Data/Ratings**

|                              |                                     |
|------------------------------|-------------------------------------|
| Approvals                    |                                     |
| Wire Size (solid   stranded) | 0.2-4.0 mm <sup>2</sup>   24-12 AWG |
| Voltage Rating               | 300 V                               |
| Current Rating               | 32 A                                |
| Tab (Blade) Size             | 6.3x0.8 mm                          |
| Insulation Material          | Polyamide 66                        |

**Installation Instructions**

|                       |      |
|-----------------------|------|
| Wire Stripping Length | 9 mm |
|-----------------------|------|

**Terminal Blocks**

|                        | Cat. No.     | Std. Pk. |
|------------------------|--------------|----------|
| <b>Grey (standard)</b> | <b>CTC4U</b> | 100      |
| Red R                  | CTC4U/R      | 100      |
| Blue BU                | CTC4U/BU     | 100      |
| Black BL               | CTC4U/BL     | 100      |
| Orange O               | CTC4U/O      | 100      |
| Green G                | CTC4U/G      | 100      |
| Yellow Y               | CTC4U/Y      | 100      |
| White W                | CTC4U/W      | 100      |

**Accessories**

|             | Cat. No.    | Std. Pk.         |
|-------------|-------------|------------------|
| End Plate   | EPCTC4U     | 50               |
| DIN Rail    | 2511120     | 20               |
|             | CA701-15/S  | 20               |
|             | 2511160     | 10               |
| End Stop    | CA702       | 100              |
|             | CA802       | 100              |
| Test Socket | CA707/TS/01 |                  |
| Marking Tag | MT6         | 1 Pk. (100 tags) |

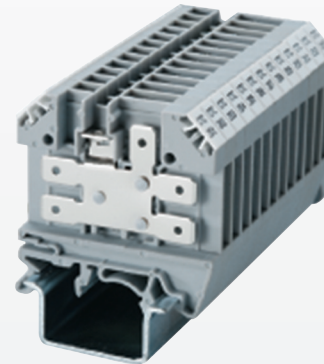
**HIGHLIGHTS**

**FEATURES**

- Standard tab connection terminals
- Quick-Connect Tabs

**APPLICATIONS**

- Transportation
- Railroad Applications



# SPRING LOADED

## SCREW TERMINAL BLOCKS

## FEED-THROUGH TERMINAL BLOCKS

### HIGHLIGHTS

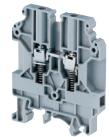
#### FEATURES

- Feed Through Terminals with Springs below clamps
- High torque screws
- Built-in springs guarantee secure connection even when screw is not tight
- 4 mm, 6 mm, 10mm terminal blocks with same size profile
- It is recommended to use hook type lugs/ ferrules for wire termination
- Both, high-torque screws and built-in spring
- Various disconnect terminals

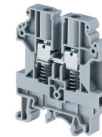
#### APPLICATIONS

- Vibration Applications
- Projects which follow the following safety regulations:
  - Electric Supply Standard (ESI)
  - British CEGB Standard
  - NTPC standard

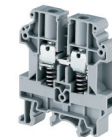
### CTS4USC



### CTS6USC



### CTS10USC



#### Dimensions & Weight

|                   | Feed Through Terminal Spring Loaded | Feed Through Terminal Spring Loaded | Feed Through Terminal Spring Loaded |
|-------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>Width</b>      | <b>6 mm</b>                         | <b>8 mm</b>                         | <b>10 mm</b>                        |
| Length            | 52 mm                               | 52 mm                               | 52 mm                               |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm           | 63.4 mm<br>70.8 mm                  | 63.4 mm<br>70.8 mm                  |
| Weight per piece  | 13.0 g                              | 10.0 g                              | 12.6 g                              |

#### Technical Data/Ratings

| Approvals                    |                        |  |                       |  |                 |  |
|------------------------------|------------------------|--|-----------------------|--|-----------------|--|
| Wire Size (solid / stranded) | <b>22-10 AWG</b>       |  | 0.2-4 mm <sup>2</sup> |  | <b>22-8 AWG</b> |  |
| Voltage Rating               | 600 V                  |  | 1500V AC/DC           |  | 1000 V          |  |
| Current Rating               | 35 A                   |  | 32 A                  |  | 41 A            |  |
| Torque                       | 7 lb-in                |  | 0.5 Nm                |  | 14 lb-in        |  |
| Insulation Material          | Polyamide 66           |  | Polyamide 66          |  | Polyamide 66    |  |
|                              | 60947-7-1              |  | 60947-7-1             |  | 60947-7-1       |  |
|                              | 0.2-10 mm <sup>2</sup> |  | 1500V AC/DC           |  | 57 A            |  |
|                              | 1.2 Nm                 |  |                       |  |                 |  |

#### Installation Instructions

|                       |                        |                      |                      |
|-----------------------|------------------------|----------------------|----------------------|
| Wire Stripping Length | 12 mm                  | 14 mm                | 14 mm                |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.8 x 4 mm | Flat Head 0.8 x 4 mm |

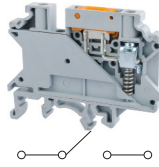
#### Terminal Blocks

|                        | Cat. No.       | Std. Pk. | Cat. No.       | Std. Pk. | Cat. No.        | Std. Pk. |
|------------------------|----------------|----------|----------------|----------|-----------------|----------|
| <b>Grey (standard)</b> | <b>CTS4USC</b> | 50       | <b>CTS6USC</b> | 50       | <b>CTS10USC</b> | 50       |
| Red R                  | CTS4USC/R      | 50       | CTS6USC/R      | 50       | CTS10USC/R      | 50       |
| Blue BU                | CTS4USC/BU     | 50       | CTS6USC/BU     | 50       | CTS10USC/BU     | 50       |
| Black BL               | CTS4USC/BL     | 50       | CTS6USC/BL     | 50       | CTS10USC/BL     | 50       |
| Orange O               | CTS4USC/O      | 50       | CTS6USC/O      | 50       | CTS10USC/O      | 50       |
| Green G                | CTS4USC/G      | 50       | CTS6USC/G      | 50       | CTS10USC/G      | 50       |
| Yellow Y               | CTS4USC/Y      | 50       | CTS6USC/Y      | 50       | CTS10USC/Y      | 50       |
| White W                | CTS4USC/W      | 50       | CTS6USC/W      | 50       | CTS10USC/W      | 50       |

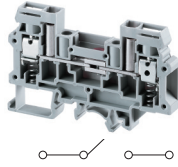
#### Accessories

|                       | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|-----------------------|------------|------------------|------------|------------------|------------|------------------|
| End Plate             | EPUSC      | 50               | EPUSC      | 50               | EPUSC      | 50               |
| Separator Plate       | SP2.5/4UN  | 50               | SP2.5/4UN  | 50               | SP2.5/4UN  | 50               |
| DIN Rail              | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
|                       | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|                       | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| End Stop              | CA702      | 100              | CA702      | 100              | CA702      | 100              |
|                       | CA802      | 50               | CA802      | 50               | CA802      | 50               |
|                       | CA202      | 50               | CA202      | 50               | CA202      | 50               |
| Hook Type             | CA604/1    | 100              | CA604/1    | 100              | CA604/1    | 100              |
| Lug / Ferrule         | CA604/2    | 100              | CA604/2    | 100              | CA604/2    | 100              |
|                       | CA604/5    | 100              | CA604/5    | 100              | CA604/5    | 100              |
|                       | CA604/4    | 100              | CA604/4    | 100              | CA604/4    | 100              |
|                       | CA604/3    | 100              | CA604/3    | 100              | CA604/3    | 100              |
| Pre Assembled Jumpers | CA623/2    | 100              | CA624/2    | 100              | CA625/2    | 100              |
|                       | CA623/3    | 100              | CA624/3    | 100              | CA625/3    | 100              |
|                       | CA623/4    | 100              | CA624/4    | 100              | CA625/4    | 100              |
|                       | CA623/10   | 10               | CA624/10   | 10               | CA625/10   | 10               |
| Marking Tag           | MT6        | 1 Pk. (100 tags) | MT8        | 1 Pk. (100 tags) | MT10       | 1 Pk. (100 tags) |

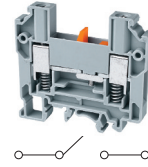
**CKT4SPSC**



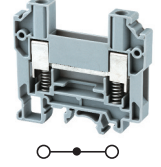
**CDS6U/SC**



**CDTTUSC**



**CDTTUFTSC**



**Dimensions & Weight**

|                           | CKT4SPSC                  | CDS6U/SC           | CDTTUSC            | CDTTUFTSC          |
|---------------------------|---------------------------|--------------------|--------------------|--------------------|
| <b>Width</b>              | 6 mm                      | 8 mm               | 8 mm               | 8 mm               |
| <b>Length</b>             | 58.5 mm                   | 82 mm              | 63 mm              | 63 mm              |
| <b>Height w/ DIN Rail</b> | 35 x 7.5 mm<br>35 x 15 mm | 46.0 mm<br>53.5 mm | 58.7 mm<br>65.7 mm | 58.7 mm<br>65.7 mm |
| <b>Weight per piece</b>   | 14.1 g                    | 30.9 g             | 31.0 g             | 25.4 g             |

**Technical Data/Ratings**

| Approvals                           |              |                       |              |                       |              |                        |              |                        |
|-------------------------------------|--------------|-----------------------|--------------|-----------------------|--------------|------------------------|--------------|------------------------|
| <b>Wire Size (solid / stranded)</b> | 24-10 AWG    | 0.2-4 mm <sup>2</sup> | 22-8 AWG     | 0.2-6 mm <sup>2</sup> | 16-8 AWG     | 1.5-10 mm <sup>2</sup> | 16-8 AWG     | 1.5-10 mm <sup>2</sup> |
| <b>Voltage Rating</b>               | 600 V        | 1000V AC/DC           | 600 V        | 800V AC/DC            | 600 V        | 800V AC/DC             | 600 V        | 800V AC/DC             |
| <b>Current Rating</b>               | 30 A         | 28 A                  | 45 A         | 41 A                  | 41 A         | 57 A                   | 41 A         | 57 A                   |
| <b>Torque</b>                       | 4.5 lb-in    | 0.5Nm                 | 14 lb-in     | 0.8 Nm                | 14 lb-in     | 1.2Nm                  | 14 lb-in     | 1.2Nm                  |
| <b>Insulation Material</b>          | Polyamide 66 |                       | Polyamide 66 |                       | Polyamide 66 |                        | Polyamide 66 |                        |

**Installation Instructions**

|                              |                        |                      |                        |                        |
|------------------------------|------------------------|----------------------|------------------------|------------------------|
| <b>Wire Stripping Length</b> | 8 mm                   | 10 mm                | 12 mm                  | 12 mm                  |
| <b>Screwdriver</b>           | Flat Head 0.6 x 3.5 mm | Flat Head 0.8 x 4 mm | Flat Head 1.0 x 5.5 mm | Flat Head 1.0 x 5.5 mm |

**Terminal Blocks**

|                        | Cat. No.        | Std. Pk. | Cat. No.        | Std. Pk. | Cat. No.       | Std. Pk. | Cat. No.         | Std. Pk. |
|------------------------|-----------------|----------|-----------------|----------|----------------|----------|------------------|----------|
| <b>Grey (standard)</b> | <b>CKT4SPSC</b> | 50       | <b>CDS6U/SC</b> | 50       | <b>CDTTUSC</b> | 50       | <b>CDTTUFTSC</b> | 50       |
| Red R                  | CKT4SPSC/R      | 50       | CDS6U/SC/R      | 50       | CDTTUSC/R      | 50       | CDTTUFTSC/R      | 50       |
| Blue BU                | CKT4SPSC/BU     | 50       | CDS6U/SC/BU     | 50       | CDTTUSC/BU     | 50       | CDTTUFTSC/BU     | 50       |
| Black BL               | CKT4SPSC/BL     | 50       | CDS6U/SC/BL     | 50       | CDTTUSC/BL     | 50       | CDTTUFTSC/BL     | 50       |
| Orange O               | CKT4SPSC/O      | 50       | CDS6U/SC/O      | 50       | CDTTUSC/O      | 50       | CDTTUFTSC/O      | 50       |
| Green G                | CKT4SPSC/G      | 50       | CDS6U/SC/G      | 50       | CDTTUSC/G      | 50       | CDTTUFTSC/G      | 50       |
| Yellow Y               | CKT4SPSC/Y      | 50       | CDS6U/SC/Y      | 50       | CDTTUSC/Y      | 50       | CDTTUFTSC/Y      | 50       |
| White W                | CKT4SPSC/W      | 50       | CDS6U/SC/W      | 50       | CDTTUSC/W      | 50       | CDTTUFTSC/W      | 50       |

**Accessories**

|                              | Cat. No.  | Std. Pk.   | Cat. No.                         | Std. Pk.                                  | Cat. No.                         | Std. Pk.                                  | Cat. No.                         | Std. Pk.                                  |                       |
|------------------------------|---|--|----------------------------------|---|----------------------------------|---|----------------------------------|---|-----------------------|
| <b>End Plate</b>             | -   | -  | EPDCS6U                          | 50  | EPCDTTU                          | 50  | EPCDTTU                          | 50  |                       |
| <b>DIN Rail</b>              | 2511120<br>CA701-15/S<br>2511160                  | 20<br>20<br>10   | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10                            | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10                            | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10                            |                       |
| <b>End Stop</b>              | CA702<br>CA802<br>CA202                           | 100<br>50<br>50  | CA702<br>CA802<br>CA202          | 100<br>50<br>50                           | CA702<br>CA802<br>CA202          | 100<br>50<br>50                           | CA702<br>CA802<br>CA202          | 100<br>50<br>50                           |                       |
| <b>Pre Assembled Jumpers</b> | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole | CA722/2<br>CA722/3<br>CA722/4<br>CA722/10<br>CA722/100 | 100<br>100<br>100<br>10<br>10    | CA723/2<br>CA723/3<br>CA723/4<br>CA723/10 | 100<br>50<br>50<br>10            | -<br>-<br>-<br>-                          | -<br>-<br>-<br>-                 | -<br>-<br>-<br>-                          |                       |
| <b>Insulated Jumpers</b>     | 2 pole<br>3 pole<br>4 pole<br>10 pole<br>100 pole | CA742/2<br>CA742/3<br>CA742/4<br>CA742/10<br>CA742/100 | 100<br>100<br>100<br>10<br>10    | -<br>-<br>-<br>-                          | -<br>-<br>-<br>-                 | -<br>-<br>-<br>-                          | -<br>-<br>-<br>-                 | -<br>-<br>-<br>-                          |                       |
| <b>External Jumpers</b>      | 2 pole<br>3 pole<br>4 pole<br>10 pole             | CA714/2<br>CA714/3<br>CA714/4<br>CA714/10              | 100<br>100<br>100<br>20          | -<br>-<br>-<br>-                          | -<br>-<br>-<br>-                 | CA710/2<br>CA710/3<br>CA710/4<br>CA710/10 | 100<br>50<br>50<br>20            | CA710/2<br>CA710/3<br>CA710/4<br>CA710/10 | 100<br>50<br>50<br>20 |
| <b>Shorting Plug</b>         | -   | -  | -                                | -   | QJ8/2                            | 25  | -                                | -   |                       |
| <b>Marking Tag</b>           | MT6   | 1 Pk. (100 tags)                                       | MT8                              | 1 Pk. (100 tags)                          | MT8                              | 1 Pk. (100 tags)                          | MT8                              | 1 Pk. (100 tags)                          |                       |

### HIGHLIGHTS

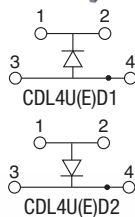
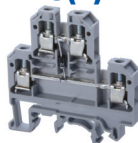
#### FEATURES

- Various configurations of Electronic components soldered into **CDL4U** double level terminal block
- Various Diode / Resistor combinations
- 4 connection points for convenient wiring
- Terminal Block with open current bar **CDL4U(O)** can be individually soldered with electronic components
- Spacer **CDL4USP** can be used to cover overlapping components when soldered individually

#### APPLICATIONS

- Reverse polarity protection
- Lamp testing

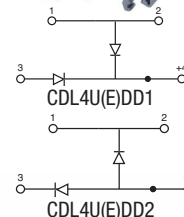
### CDL4U(E)D1/D2



### CDL4U(E)D3



### CDL4U(E)DD1/DD2



#### Dimensions & Weight

|                   | CDL4U(E)D1/D2             | CDL4U(E)D3         | CDL4U(E)DD1/DD2    |
|-------------------|---------------------------|--------------------|--------------------|
| Width             | 6 mm                      | 6 mm               | 6 mm               |
| Length            | 55.5 mm                   | 55.5 mm            | 55.5 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 55.7 mm<br>63.1 mm | 55.7 mm<br>63.1 mm |
| Weight per piece  | 13.6 g                    | 13.4 g             | 13.4 g             |

#### Technical Data/Ratings

| Approvals                    | CDL4U(E)D1/D2                   |               |                   | CDL4U(E)D3                      |                   |               | CDL4U(E)DD1/DD2                 |               |                   |
|------------------------------|---------------------------------|---------------|-------------------|---------------------------------|-------------------|---------------|---------------------------------|---------------|-------------------|
|                              | CE                              | UL US E220514 | UL US C 60947-7-1 | UL US E220514                   | UL US C 60947-7-1 | UL US E220514 | UL US C 60947-7-1               | UL US E220514 | UL US C 60947-7-1 |
| Wire Size (solid / stranded) | 22-10 AWG 0.2-4 mm <sup>2</sup> |               |                   | 22-10 AWG 0.2-4 mm <sup>2</sup> |                   |               | 22-10 AWG 0.2-4 mm <sup>2</sup> |               |                   |
| Voltage Rating               | 600 V                           | 300 V         | 500 V AC          | 600 V                           | 300 V             | 500 V AC      | 600 V                           | 300 V         | 500 V AC          |
| Current Rating               | 35 A                            | 25 A          | 32 A              | 35 A                            | 25 A              | 32 A          | 35 A                            | 25 A          | 32 A              |
| Torque                       | 7 lb-in 0.5 Nm                  |               |                   | 7 lb-in 0.5 Nm                  |                   |               | 7 lb-in 0.5 Nm                  |               |                   |
| Insulation Material          | Polyamide 66                    |               |                   | Polyamide 66                    |                   |               | Polyamide 66                    |               |                   |

#### Electronic Component Specifications

|                                 | CDL4U(E)D1/D2 | CDL4U(E)D3   | CDL4U(E)DD1/DD2 |
|---------------------------------|---------------|--------------|-----------------|
| Diode Type                      | 1N 4007       | 1N 4007      | 1N 4007         |
| Diode Reverse Voltage / Current | 1000 V / 1 A  | 1000 V / 1 A | 1000 V / 1 A    |
| Indicator Voltage               | -             | -            | -               |

#### Installation Instructions

|                       | CDL4U(E)D1/D2          | CDL4U(E)D3             | CDL4U(E)DD1/DD2        |
|-----------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 9 mm                   | 9 mm                   | 9 mm                   |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

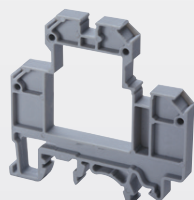
#### Terminal Blocks

|      | Cat. No.   | Std. Pk. | Cat. No.   | Std. Pk. | Cat. No.    | Std. Pk. |
|------|------------|----------|------------|----------|-------------|----------|
| Grey | CDL4U(E)D1 | 100      | CDL4U(E)D3 | 100      | CDL4U(E)DD1 | 100      |
|      | CDL4U(E)D2 | 100      |            |          | CDL4U(E)DD2 | 100      |

#### Accessories

|                 | Cat. No.         | Std. Pk. | Cat. No.         | Std. Pk. | Cat. No.         | Std. Pk. |
|-----------------|------------------|----------|------------------|----------|------------------|----------|
| End Plate       | EPCDL4U          | 50       | EPCDL4U          | 50       | EPCDL4U          | 50       |
| Spacer          | CDL4USP          | 50       | CDL4USP          | 50       | CDL4USP          | 50       |
| DIN Rail        | 2511120          | 20       | 2511120          | 20       | 2511120          | 20       |
|                 | CA701-15/S       | 20       | CA701-15/S       | 20       | CA701-15/S       | 20       |
|                 | 2511160          | 10       | 2511160          | 10       | 2511160          | 10       |
| End Stop        | CA702            | 50       | CA702            | 50       | CA702            | 50       |
|                 | CA802            | 50       | CA802            | 50       | CA802            | 50       |
| Internal Jumper | 2 pole CA727/2   | 100      | 2 pole CA727/2   | 100      | 2 pole CA727/2   | 100      |
|                 | 3 pole CA727/3   | 100      | 3 pole CA727/3   | 100      | 3 pole CA727/3   | 100      |
|                 | 4 pole CA727/4   | 100      | 4 pole CA727/4   | 100      | 4 pole CA727/4   | 100      |
|                 | 10 pole CA727/10 | 10       | 10 pole CA727/10 | 10       | 10 pole CA727/10 | 10       |
|                 | Marking Tag      | MT2      | 1 Pk. (100 tags) | MT2      | 1 Pk. (100 tags) | MT2      |

### CDL4U SPACER



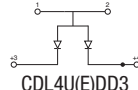
Spacer to cover electronic components which stick out of CDL4U(O)

| Cat. No. | Std. Pk. |
|----------|----------|
| CDL4USP  | 50       |

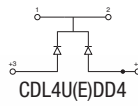
**CDL4U(E)DD3/DD4**

**CDL4U(E)D4**

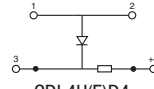
**CDL4U(E)DD5**



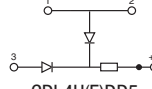
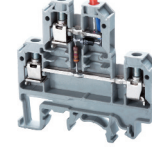
CDL4U(E)DD3



CDL4U(E)DD4



CDL4U(E)D4



CDL4U(E)DD5

**Dimensions & Weight**

|                          |                           |                    |                    |
|--------------------------|---------------------------|--------------------|--------------------|
| <b>Width</b>             | <b>6 mm</b>               | <b>6 mm</b>        | <b>6 mm</b>        |
| <b>Length</b>            | 55.5 mm                   | 55.5 mm            | 55.5 mm            |
| <b>Height w DIN Rail</b> | 35 x 7.5 mm<br>35 x 15 mm | 55.7 mm<br>63.1 mm | 55.7 mm<br>63.1 mm |
| <b>Weight per piece</b>  | 13.6 g                    | 13.6 g             | 13.6 g             |

**Technical Data/Ratings**

|                                     |                  |       |          |                  |       |          |                  |       |          |
|-------------------------------------|------------------|-------|----------|------------------|-------|----------|------------------|-------|----------|
| <b>Approvals</b>                    |                  |       |          |                  |       |          |                  |       |          |
| <b>Wire Size (solid / stranded)</b> | <b>22-10 AWG</b> |       |          | <b>22-10 AWG</b> |       |          | <b>22-10 AWG</b> |       |          |
| <b>Voltage Rating</b>               | 600 V            | 300 V | 500 V AC | 600 V            | 300 V | 500 V AC | 600 V            | 300 V | 500 V AC |
| <b>Current Rating</b>               | 35 A             | 25 A  | 32 A     | 35 A             | 25 A  | 32 A     | 35 A             | 25 A  | 32 A     |
| <b>Torque</b>                       | 7 lb-in / 0.5 Nm |       |          | 7 lb-in / 0.5 Nm |       |          | 7 lb-in / 0.5 Nm |       |          |
| <b>Insulation Material</b>          | Polyamide 66     |       |          |                  |       |          |                  |       |          |

**Electronic Component Specifications**

|  |              |  |  |              |  |  |              |  |  |
|--|--------------|--|--|--------------|--|--|--------------|--|--|
| <b>Diode Type</b>                      | 1N 4007      |  |  | 1N 4007      |  |  | 1N 4007      |  |  |
| <b>Diode Reverse Voltage / Current</b> | 1000 V / 1 A |  |  | 1000 V / 1 A |  |  | 1000 V / 1 A |  |  |
| <b>Indicator Voltage</b>               | -            |  |  |              |  |  |              |  |  |

**Installation Instructions**

|                              |                        |  |  |                        |  |  |                        |  |  |
|------------------------------|------------------------|--|--|------------------------|--|--|------------------------|--|--|
| <b>Wire Stripping Length</b> | 9 mm                   |  |  | 9 mm                   |  |  | 9 mm                   |  |  |
| <b>Screwdriver</b>           | Flat Head 0.6 x 3.5 mm |  |  | Flat Head 0.6 x 3.5 mm |  |  | Flat Head 0.6 x 3.5 mm |  |  |

**Terminal Blocks**

|             |                    |          |                       |          |                        |          |
|-------------|--------------------|----------|-----------------------|----------|------------------------|----------|
| <b>Grey</b> | Cat. No.           | Std. Pk. | Cat. No.              | Std. Pk. | Cat. No.               | Std. Pk. |
|             | <b>CDL4U(E)DD3</b> | 100      | <b>CDL4U(E)D4/12V</b> | 100      | <b>CDL4U(E)DD5/12V</b> | 100      |
|             | <b>CDL4U(E)DD4</b> | 100      | <b>CDL4U(E)D4/24V</b> | 100      | <b>CDL4U(E)DD5/24V</b> | 100      |

**Accessories**

|                        |            |                  |            |                  |            |                  |     |
|------------------------|------------|------------------|------------|------------------|------------|------------------|-----|
| <b>End Plate</b>       | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |     |
|                        | EPCDL4U    | 50               | EPCDL4U    | 50               | EPCDL4U    | 50               |     |
| <b>Spacer</b>          | CDL4USP    | 50               | CDL4USP    | 50               | CDL4USP    | 50               |     |
| <b>DIN Rail</b>        | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |     |
|                        | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |     |
|                        | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |     |
| <b>End Stop</b>        | CA702      | 50               | CA702      | 50               | CA702      | 50               |     |
|                        | CA802      | 50               | CA802      | 50               | CA802      | 50               |     |
| <b>Internal Jumper</b> | 2 pole     | CA727/2          | 100        | CA727/2          | 100        | CA727/2          | 100 |
|                        | 3 pole     | CA727/3          | 100        | CA727/3          | 100        | CA727/3          | 100 |
|                        | 4 pole     | CA727/4          | 100        | CA727/4          | 100        | CA727/4          | 100 |
|                        | 10 pole    | CA727/10         | 10         | CA727/10         | 10         | CA727/10         | 10  |
| <b>Marking Tag</b>     | MT2        | 1 Pk. (100 tags) | MT2        | 1 Pk. (100 tags) | MT2        | 1 Pk. (100 tags) |     |



### HIGHLIGHTS

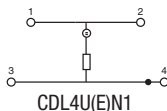
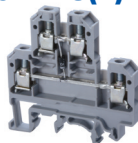
#### FEATURES

- Various configurations of Electronic components soldered into **CDL4U** double level terminal block
- Various Indicator options
- AC voltage indicator
- DC voltage indicator
- LED and Neon lamp versions
- 4 connection points for convenient wiring
- Terminal Block with open current bar **CDL4U(O)** can be individually soldered with electronic components
- Spacer **CDL4USP** can be used to cover overlapping components when soldered individually

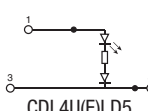
#### APPLICATIONS

- AC voltage indication
- DC voltage indication

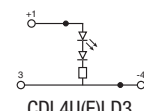
### CDL4U(E)N1



### CDL4U(E)LD5



### CDL4U(E)LD3



#### Dimensions & Weight

|                   | AC Voltage indicator with Neon lamp | AC Voltage indicator with LED | AC Voltage indicator with LED |
|-------------------|-------------------------------------|-------------------------------|-------------------------------|
| Width             | 6 mm                                | 6 mm                          | 6 mm                          |
| Length            | 55.5 mm                             | 55.5 mm                       | 55.5 mm                       |
| Height w DIN Rail | 55.7 mm<br>63.1 mm                  | 55.7 mm<br>63.1 mm            | 55.7 mm<br>63.1 mm            |
| Weight per piece  | 13.6 g                              | 12.4 g                        | 12.4 g                        |

#### Technical Data/Ratings

| Approvals           |                              |           |                       |              |                       |           |                       |           |                       |
|---------------------|------------------------------|-----------|-----------------------|--------------|-----------------------|-----------|-----------------------|-----------|-----------------------|
|                     | Wire Size (solid / stranded) | 22-10 AWG | 0.2-4 mm <sup>2</sup> | 22-10 AWG    | 0.2-4 mm <sup>2</sup> | 22-10 AWG | 0.2-4 mm <sup>2</sup> | 22-10 AWG | 0.2-4 mm <sup>2</sup> |
| Voltage Rating      | 600 V                        | 300 V     | 500 V AC              | 600 V        | 300 V                 | 500 V AC  | 600 V                 | 300 V     | 500 V AC              |
| Current Rating      | 35 A                         | 25 A      | 32 A                  | 35 A         | 25 A                  | 32 A      | 35 A                  | 25 A      | 32 A                  |
| Torque              | 7 lb-in                      |           | 0.5 Nm                | 7 lb-in      |                       | 0.5 Nm    | 7 lb-in               |           | 0.5 Nm                |
| Insulation Material | Polyamide 66                 |           |                       | Polyamide 66 |                       |           | Polyamide 66          |           |                       |

#### Electronic Component Specifications

| Diode Type                      | 1N 4007      | 1N 4007              | 1N 4007      |
|---------------------------------|--------------|----------------------|--------------|
| Diode Reverse Voltage / Current | 1000 V / 1 A | 1000 V / 1 A         | 1000 V / 1 A |
| Indicator Voltage               | 110, 220 VAC | 24, 48, 110, 220 VAC | 12, 24 VAC   |

#### Installation Instructions

|                       |                        |                        |                        |
|-----------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 9 mm                   | 9 mm                   | 9 mm                   |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

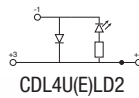
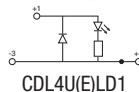
#### Terminal Blocks

|      | Cat. No.               | Std. Pk. | Cat. No.                | Std. Pk. | Cat. No.               | Std. Pk. |
|------|------------------------|----------|-------------------------|----------|------------------------|----------|
| Grey | <b>CDL4U(E)N1/110V</b> | 100      | <b>CDL4U(E)LD5/24V</b>  | 100      | <b>CDL4U(E)LD3/12V</b> | 100      |
|      | <b>CDL4U(E)N1/220V</b> | 100      | <b>CDL4U(E)LD5/48V</b>  | 100      | <b>CDL4U(E)LD3/24V</b> | 100      |
|      |                        |          | <b>CDL4U(E)LD5/110V</b> | 100      |                        |          |
|      |                        |          | <b>CDL4U(E)LD5/220V</b> | 100      |                        |          |

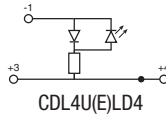
#### Accessories

|                 | Cat. No.         | Std. Pk. | Cat. No.         | Std. Pk. | Cat. No.         | Std. Pk. |
|-----------------|------------------|----------|------------------|----------|------------------|----------|
| End Plate       | EPCDL4U          | 50       | EPCDL4U          | 50       | EPCDL4U          | 50       |
| Spacer          | CDL4USP          | 50       | CDL4USP          | 50       | CDL4USP          | 50       |
| DIN Rail        | 2511120          | 20       | 2511120          | 20       | 2511120          | 20       |
|                 | CA701-15/S       | 20       | CA701-15/S       | 20       | CA701-15/S       | 20       |
|                 | 2511160          | 10       | 2511160          | 10       | 2511160          | 10       |
| End Stop        | CA702            | 50       | CA702            | 50       | CA702            | 50       |
|                 | CA802            | 50       | CA802            | 50       | CA802            | 50       |
| Internal Jumper | 2 pole CA727/2   | 100      | 2 pole CA727/2   | 100      | 2 pole CA727/2   | 100      |
|                 | 3 pole CA727/3   | 100      | 3 pole CA727/3   | 100      | 3 pole CA727/3   | 100      |
|                 | 4 pole CA727/4   | 100      | 4 pole CA727/4   | 100      | 4 pole CA727/4   | 100      |
|                 | 10 pole CA727/10 | 10       | 10 pole CA727/10 | 10       | 10 pole CA727/10 | 10       |
|                 | Marking Tag      | MT2      | 1 Pk. (100 tags) | MT2      | 1 Pk. (100 tags) | MT2      |

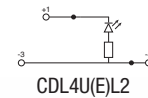
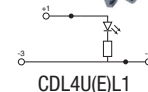
**CDL4U(E)LD1/LD2**



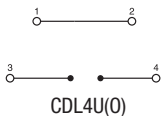
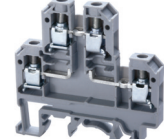
**CDL4U(E)LD4**



**CDL4U(E)L1/L2**



**CDL4U(O)**



**Dimensions & Weight**

|                           |                           |                    |                    |                    |
|---------------------------|---------------------------|--------------------|--------------------|--------------------|
| <b>Width</b>              | <b>6 mm</b>               | <b>6 mm</b>        | <b>6 mm</b>        | <b>6 mm</b>        |
| <b>Length</b>             | 55.5 mm                   | 55.5 mm            | 55.5 mm            | 55.5 mm            |
| <b>Height w/ DIN Rail</b> | 35 x 7.5 mm<br>35 x 15 mm | 55.7 mm<br>63.1 mm | 55.7 mm<br>63.1 mm | 55.7 mm<br>63.1 mm |
| <b>Weight per piece</b>   | 12.4 g                    | 12.4 g             | 12.4 g             | 13.0 g             |

**Technical Data/Ratings**

|                                     |              |       |          |                       |       |          |           |       |          |                       |       |          |
|-------------------------------------|--------------|-------|----------|-----------------------|-------|----------|-----------|-------|----------|-----------------------|-------|----------|
| <b>Approvals</b>                    |              |       |          |                       |       |          |           |       |          |                       |       |          |
| <b>Wire Size (solid / stranded)</b> | 22-10 AWG    |       |          | 0.2-4 mm <sup>2</sup> |       |          | 22-10 AWG |       |          | 0.2-4 mm <sup>2</sup> |       |          |
| <b>Voltage Rating</b>               | 600 V        | 300 V | 500 V AC | 600 V                 | 300 V | 500 V AC | 600 V     | 300 V | 500 V AC | 600 V                 | 300 V | 500 V AC |
| <b>Current Rating</b>               | 35 A         | 25 A  | 32 A     | 35 A                  | 25 A  | 32 A     | 35 A      | 25 A  | 32 A     | 35 A                  | 35 A  | 32 A     |
| <b>Torque</b>                       | 7 lb-in      |       |          | 0.5 Nm                |       |          | 7 lb-in   |       |          | 0.5 Nm                |       |          |
| <b>Insulation Material</b>          | Polyamide 66 |       |          |                       |       |          |           |       |          |                       |       |          |

**Electronic Component Specifications**

|  |              |              |              |              |
|--|--------------|--------------|--------------|--------------|
| <b>Diode Type</b>                      | 1N 4007      | 1N 4007      | 1N 4007      | 1N 4007      |
| <b>Diode Reverse Voltage / Current</b> | 1000 V / 1 A | 1000 V / 1 A | 1000 V / 1 A | 1000 V / 1 A |
| <b>Indicator Voltage</b>               | 12, 24 VAC   | 24, 48 VAC   | 6, 24 VAC    | -            |

**Installation Instructions**

|                              |                        |                        |                        |                        |
|------------------------------|------------------------|------------------------|------------------------|------------------------|
| <b>Wire Stripping Length</b> | 9 mm                   | 9 mm                   | 9 mm                   | 9 mm                   |
| <b>Screwdriver</b>           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

**Terminal Blocks**

|             |                        |          |                        |          |                       |          |                 |          |
|-------------|------------------------|----------|------------------------|----------|-----------------------|----------|-----------------|----------|
| <b>Grey</b> | Cat. No.               | Std. Pk. | Cat. No.               | Std. Pk. | Cat. No.              | Std. Pk. | Cat. No.        | Std. Pk. |
|             | <b>CDL4U(E)LD1/12V</b> | 100      | <b>CDL4U(E)LD4/24V</b> | 100      | <b>CDL4U(E)L1/6V</b>  | 100      | <b>CDL4U(O)</b> | 100      |
|             | <b>CDL4U(E)LD1/24V</b> | 100      | <b>CDL4U(E)LD4/48V</b> | 100      | <b>CDL4U(E)L1/24V</b> | 100      |                 |          |
|             | <b>CDL4U(E)LD2/12V</b> | 100      |                        |          | <b>CDL4U(E)L2/6V</b>  | 100      |                 |          |
|             | <b>CDL4U(E)LD2/24V</b> | 100      |                        |          | <b>CDL4U(E)L2/24V</b> | 100      |                 |          |

**Accessories**

|                        |            |                  |            |                  |            |                  |            |                  |
|------------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|
| <b>End Plate</b>       | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|                        | EPCDL4U    | 50               | EPCDL4U    | 50               | EPCDL4U    | 50               | EPCDL4U    | 50               |
| <b>Spacer</b>          | CDL4USP    | 50               | CDL4USP    | 50               | CDL4USP    | 50               | CDL4USP    | 50               |
| <b>DIN Rail</b>        | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
|                        | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|                        | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| <b>End Stop</b>        | CA702      | 50               | CA702      | 50               | CA702      | 50               | CA702      | 50               |
|                        | CA802      | 50               | CA802      | 50               | CA802      | 50               | CA802      | 50               |
| <b>Internal Jumper</b> | CA727/2    | 100              | CA727/2    | 100              | CA727/2    | 100              | CA727/2    | 100              |
|                        | CA727/3    | 100              | CA727/3    | 100              | CA727/3    | 100              | CA727/3    | 100              |
|                        | CA727/4    | 100              | CA727/4    | 100              | CA727/4    | 100              | CA727/4    | 100              |
|                        | CA727/10   | 10               | CA727/10   | 10               | CA727/10   | 10               | CA727/10   | 10               |
| <b>Marking Tag</b>     | MT2        | 1 Pk. (100 tags) | MT2        | 1 Pk. (100 tags) | MT2        | 1 Pk. (100 tags) | MT2        | 1 Pk. (100 tags) |

### HIGHLIGHTS

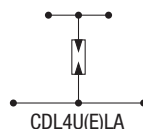
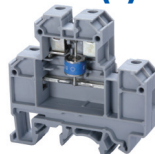
#### FEATURES

- Various solutions to protect single lines against surges
- Lightning Arrestors (**CDL4U(E)LA**)
- MOVs (**CDL4U(E)MOV**)
- RC Circuits (**CDL4U(E)RC**)
- Suppressor Diode (**CDL4U(E)SD**)

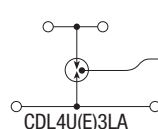
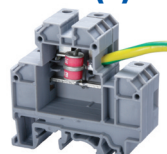
#### APPLICATIONS

- Surge suppressor applications
- Equipment protection

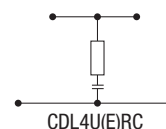
### CDL4U(E)LA



### CDL4U(E)3LA



### CDL4U(E)RC



#### Dimensions & Weight

|                   | CDL4U(E)LA                | CDL4U(E)3LA        | CDL4U(E)RC         |
|-------------------|---------------------------|--------------------|--------------------|
| Width             | 18 mm                     | 18 mm              | 18 mm              |
| Length            | 55.5 mm                   | 55.5 mm            | 55.5 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm | 55.7 mm<br>63.1 mm | 55.7 mm<br>63.1 mm |
| Weight per piece  | 30.0 g                    | 34.2 g             | 22.4 g             |

#### Technical Data/Ratings / Component Specifications

|                              | CDL4U(E)LA                  | CDL4U(E)3LA            | CDL4U(E)RC                                    |
|------------------------------|-----------------------------|------------------------|---|
| Wire Size (solid / stranded) | 22-10 AWG                   | 22-10 AWG              | 22-10 AWG                                     |
| Insulation Material          | Polyamide 66                | Polyamide 66           | Polyamide 66                                  |
| Nominal Current              | 10 A                        | 5 A                    | -   |
| Peak Current                 | -                           | -                      | 2kA-6.5kA (8/20μs)                            |
| Nominal Discharge Current    | 20 KA (8/20μs)              | 10 KA (8/20μs)         | -   |
| Response Time                | 100 ns                      | 100 ns                 | < 25 ns                                       |
| Capacitance                  | < 1.5 pf                    | < 1.0 pf               | 100 - 20,000 pf                               |
| Voltage Rating               | 75, 90, 230, 600, 1000 V DC | 90, 230, 350, 600 V DC | 30, 60, 75, 130, 275, 460, 510, 625, 680 V AC |

#### Installation Instructions

|                       | CDL4U(E)LA             | CDL4U(E)3LA            | CDL4U(E)RC             |
|-----------------------|------------------------|------------------------|------------------------|
| Wire Stripping Length | 9 mm                   | 9 mm                   | 9 mm                   |
| Screwdriver           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

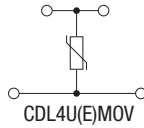
#### Terminal Blocks

|      | Cat. No.                | Std. Pk.  | Cat. No.                | Std. Pk.  | Cat. No.              | Std. Pk.  |
|------|-------------------------|-----------|-------------------------|-----------|-----------------------|-----------|
| Grey | <b>CDL4U(E)LA/75V</b>   | <b>20</b> | <b>CDL4U(E)3LA/90V</b>  | <b>20</b> | <b>0.1 μF</b>         | <b>10</b> |
|      | <b>CDL4U(E)LA/90V</b>   | <b>20</b> | <b>CDL4U(E)3LA/230V</b> | <b>20</b> | <b>CDL4U(E)RC0.1</b>  | <b>10</b> |
|      | <b>CDL4U(E)LA/230V</b>  | <b>20</b> | <b>CDL4U(E)3LA/350V</b> | <b>20</b> | <b>0.22 μF</b>        | <b>10</b> |
|      | <b>CDL4U(E)LA/600V</b>  | <b>20</b> | <b>CDL4U(E)3LA/600V</b> | <b>20</b> | <b>CDL4U(E)RC0.22</b> | <b>10</b> |
|      | <b>CDL4U(E)LA/1000V</b> | <b>20</b> |                         |           |                       |           |

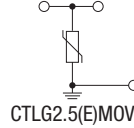
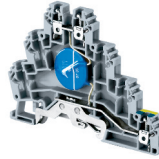
#### Accessories

|             | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         | Cat. No.   | Std. Pk.         |
|-------------|------------|------------------|------------|------------------|------------|------------------|
| End Plate   | EPCDL4U    | 50               | EPCDL4U    | 50               | EPCDL4U    | 50               |
| Spacer      | CDL4USP    | 50               | CDL4USP    | 50               | CDL4USP    | 50               |
| DIN Rail    | 2511120    | 20               | 2511120    | 20               | 2511120    | 20               |
|             | CA701-15/S | 20               | CA701-15/S | 20               | CA701-15/S | 20               |
|             | 2511160    | 10               | 2511160    | 10               | 2511160    | 10               |
| End Stop    | CA702      | 50               | CA702      | 50               | CA702      | 50               |
|             | CA802      | 50               | CA802      | 50               | CA802      | 50               |
| Marking Tag | MT2        | 1 Pk. (100 tags) | MT2        | 1 Pk. (100 tags) | MT2        | 1 Pk. (100 tags) |

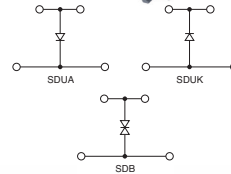
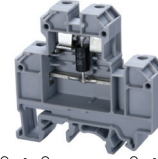
**CDL4U(E)MOV**



**CTLG2.5(E)MOV**



**CDL4U(E)SD**



**Dimensions & Weight**

|                          |  |  |   |
|--------------------------|--|--|---|
|                          | MOV for voltage surge spike protection | MOV for voltage surge spike protection | Suppressor Diode to fine protect sensors, contacts, etc |
| <b>Width</b>             | <b>12 mm</b>                           | <b>6 mm</b>                            | <b>12 mm</b>  |
| <b>Length</b>            | 55.5 mm                                | 87.5 mm                                | 55.5 mm   |
| <b>Height w DIN Rail</b> | 55.7 mm<br>63.1 mm                     | 66.0 mm<br>74.0 mm                     | 55.7 mm<br>63.1 mm                                      |
| <b>Weight per piece</b>  | 19.2 g                                 | 14.8 g                                 | 18.0 g  |

**Technical Data/Ratings / Component Specifications**

|                                     |   |                    |   |
|-------------------------------------|---|--------------------|---|
| <b>Wire Size (solid / stranded)</b> | 22-10 AWG                                     | 22-10 AWG          | 22-10 AWG                                     |
| <b>Insulation Material</b>          | Polyamide 66                                  | Polyamide 66       | Polyamide 66                                  |
| <b>Nominal Current</b>              | -   | 5 A                | -   |
| <b>Peak Current</b>                 | 2kA-6.5kA (8/20µs)                            | 2kA-6.5kA (8/20µs) | -   |
| <b>Nominal Discharge Current</b>    | -   | 10 KA (8/20µs)     | 1.5 KA  |
| <b>Response Time</b>                | < 25 ns                                       | < 25 ns            | 1 ns (D.C) / 5 ns (A.C)                       |
| <b>Capacitance</b>                  | 100 - 20,000 pf                               | 100 - 20,000 pf    | -   |
| <b>Voltage Rating</b>               | 30, 60, 75, 130, 275, 460, 510, 625, 680 V AC | Up to 275V         | 30, 60, 75, 130, 275, 460, 510, 625, 680 V AC |

**Installation Instructions**

|                              |                        |                        |                        |
|------------------------------|------------------------|------------------------|------------------------|
| <b>Wire Stripping Length</b> | 9 mm                   | 9 mm                   | 9 mm                   |
| <b>Screwdriver</b>           | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm | Flat Head 0.6 x 3.5 mm |

**Terminal Blocks**

|             | Cat. No.        | Std. Pk. | Cat. No.          | Std. Pk.          | Cat. No.            | Std. Pk. |
|-------------|-----------------|----------|-------------------|-------------------|---------------------|----------|
| <b>Grey</b> | CDL4U(E)MOV30V  | 20       | CTLG2.5(E)MOV30V  | 20                | <b>DC - Anode</b>   |          |
|             | CDL4U(E)MOV60V  | 20       | CTLG2.5(E)MOV60V  | 20                | CDL4U(E)SDUA12VDC   | 20       |
|             | CDL4U(E)MOV75V  | 20       | CTLG2.5(E)MOV75V  | 20                | CDL4U(E)SDUA24VDC   | 20       |
|             | CDL4U(E)MOV130V | 20       | CTLG2.5(E)MOV130V | 20                | CDL4U(E)SDUA48VDC   | 20       |
|             | CDL4U(E)MOV275V | 20       | CTLG2.5(E)MOV275V | 20                | <b>DC - Cathode</b> |          |
|             | CDL4U(E)MOV460V | 20       |                   |                   | CDL4U(E)SDUK12VDC   | 20       |
|             | CDL4U(E)MOV510V | 20       |                   |                   | CDL4U(E)SDUK24VDC   | 20       |
|             | CDL4U(E)MOV625V | 20       |                   |                   | CDL4U(E)SDUK48VDC   | 20       |
|             | CDL4U(E)MOV680V | 20       |                   |                   | <b>AC</b>           |          |
|             |                 |          |                   |                   | CDL4U(E)SDB12VAC    |          |
|             |                 |          |                   | CDL4U(E)SDB24VAC  |                     |          |
|             |                 |          |                   | CDL4U(E)SDB48VAC  |                     |          |
|             |                 |          |                   | CDL4U(E)SDB160VAC |                     |          |

**Accessories**

|                    | Cat. No.                         | Std. Pk.         | Cat. No.                         | Std. Pk.         | Cat. No.                         | Std. Pk.         |
|--------------------|----------------------------------|------------------|----------------------------------|------------------|----------------------------------|------------------|
| <b>End Plate</b>   | EPCDL4U                          | 50               | EPCTLG2.5                        | 50               | EPCDL4U                          | 50               |
| <b>Spacer</b>      | CDL4USP                          | 50               | -                                | -                | CDL4USP                          | 50               |
| <b>DIN Rail</b>    | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10   | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10   | 2511120<br>CA701-15/S<br>2511160 | 20<br>20<br>10   |
| <b>End Stop</b>    | CA702<br>CA802                   | 50<br>50         | CA702<br>CA802                   | 50<br>50         | CA702<br>CA802                   | 50<br>50         |
| <b>Marking Tag</b> | MT2                              | 1 Pk. (100 tags) | MT2                              | 1 Pk. (100 tags) | MT2                              | 1 Pk. (100 tags) |

# ACCESSORIES

## SCREW TERMINAL BLOCKS

## JUMPER / SHORTING LINKS

### Internal Jumper



### Insulated Internal Jumper



### External Jumper



### Current Bar



### Shorting Sleeve & Screws



|   | Poles                 | Cat. No.  | Std. Pk. | Cat. No.  | Std. Pk. | Cat. No. | Std. Pk. | Cat. No.  | Std. Pk. | Cat. No.     | Std. Pk. |
|---|-----------------------|-----------|----------|-----------|----------|----------|----------|-----------|----------|--------------|----------|
| <b>CTS2.5U-N</b>  | 2 Pole                | CA721/2   | 100      | CA741/2   | 100      | CA717/2  | 100      | CA703/01  | 100      | CA707/S/Q/01 | 100      |
|   | 3 Pole                | CA721/3   | 100      | CA741/3   | 100      | CA717/3  | 100      | CA704/01  | 100      |              |          |
|   | 4 Pole                | CA721/4   | 100      | CA741/4   | 100      | CA717/4  | 100      | CA705/01  | 100      |              |          |
|   | 10 Pole               | CA721/10  | 10       | CA741/10  | 10       | CA717/10 | 20       | CA731/10  | 100      |              |          |
|   | 100 Pole              | CA721/100 | 10       | CA741/100 | 10       | -        | -        | CA731/100 | 10       |              |          |
| <b>CTS4U-N, CCC4U, CMC1-2, CMC2-2, CDL4UN, CDL4U(I.S), CDLG4, CDLG(I.S), CF4SP, CF4SP(L), CKT4U<sup>1</sup>, CKT4SP</b> | 2 Pole                | CA722/2   | 100      | CA742/2   | 100      | CA714/2  | 100      | CA703/1   | 100      | CA707/S/Q/01 | 100      |
|   | 3 Pole                | CA722/3   | 100      | CA742/3   | 100      | CA714/3  | 100      | CA704/1   | 100      |              |          |
|   | 4 Pole                | CA722/4   | 100      | CA742/4   | 100      | CA714/4  | 100      | CA705/1   | 100      |              |          |
|   | 10 Pole               | CA722/10  | 10       | CA742/10  | 10       | CA714/10 | 20       | CA732/10  | 100      |              |          |
|   | 100 Pole              | CA722/100 | 10       | CA742/100 | 10       | -        | -        | CA732/100 | 10       |              |          |
| <b>CTS6U, CDS6U CDTTU<sup>1</sup>, CDTTU-SH<sup>1</sup></b>   | 2 Pole                | CA723/2   | 100      | CA743/2   | 100      | CA710/2  | 100      | CA703/2   | 100      | CA707/S/Q/1  | 100      |
|   | 3 Pole                | CA723/3   | 50       | CA743/3   | 50       | CA710/3  | 50       | CA704/2   | 100      |              |          |
|   | 4 Pole                | CA723/4   | 50       | CA743/4   | 50       | CA710/4  | 50       | CA705/2   | 100      |              |          |
|   | 10 Pole               | CA723/10  | 10       | CA743/10  | 10       | CA710/10 | 20       | CA733/10  | 10       |              |          |
| <b>CTS10U</b>   | 2 Pole                | CA724/2   | 100      | CA744/2   | 100      | CA718/2  | 100      | CA703/3   | 100      | CA707/S/Q/1  | 100      |
|   | 3 Pole                | CA724/3   | 50       | CA744/3   | 50       | CA718/3  | 50       | CA704/3   | 100      |              |          |
|   | 4 Pole                | CA724/4   | 50       | CA744/4   | 50       | CA718/4  | 50       | CA705/3   | 100      |              |          |
|   | 10 Pole               | CA724/10  | 10       | CA744/10  | 10       | CA718/10 | 20       | CA734/10  | 10       |              |          |
| <b>CTS16U</b>   | 2 Pole                | CA751/2   | 50       | CA761/2   | 50       | -        | -        | CA703/8   | 100      | CA707/S/Q/1  | 100      |
|   | 3 Pole                | CA751/3   | 50       | CA761/3   | 50       | -        | -        | CA704/8   | 100      |              |          |
|   | 4 Pole                | CA751/4   | 50       | CA761/4   | 50       | -        | -        | CA705/8   | 100      |              |          |
|   | 10 Pole               | CA751/10  | 10       | CA761/10  | 10       | -        | -        | CA739/10  | 10       |              |          |
| <b>CTS25UN</b>  | 2 Pole                | CA725/2   | 50       | CA745/2   | 50       | -        | -        | CA703/4   | 100      | CA707/S/Q/2  | 100      |
|   | 3 Pole                | CA725/3   | 20       | CA745/3   | 20       | -        | -        | CA704/4   | 100      |              |          |
|   | 4 Pole                | CA725/4   | 20       | CA745/4   | 20       | -        | -        | CA705/4   | 100      |              |          |
|   | 10 Pole               | CA725/10  | 10       | CA745/10  | 10       | -        | -        | CA735/10  | 100      |              |          |
| <b>CTS35UN</b>  | 2 Pole                | CA771/2   | 50       | CA781/2   | 50       | -        | -        | CA703/10  | 100      | CA707/S/Q/2  | 100      |
|   | 3 Pole                | CA771/3   | 20       | CA781/3   | 20       | -        | -        | CA704/10  | 100      |              |          |
|   | 4 Pole                | CA771/4   | 20       | CA781/4   | 20       | -        | -        | CA705/10  | 100      |              |          |
|   | 10 Pole               | CA771/10  | 10       | CA781/10  | 10       | -        | -        | CA770/10  | 10       |              |          |
| <b>CTS50/70N</b>  | 2 Pole                | CA628/2   | 10       | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 3 Pole                | CA628/3   | 10       | -         | -        | -        | -        | -         | -        | -            | -        |
| <b>CTS95/120N</b>   | 2 Pole                | CA629/2   | 10       | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 3 Pole                | CA629/3   | 10       | -         | -        | -        | -        | -         | -        | -            | -        |
| <b>CTL2.5U, CTL2.5U(L) CTL2.5U-H, CTL2.5U-H(L) CTL2.5U(I.S)</b>   | 2 Pole                | CA722/2   | 100      | -         | -        | CA715/2  | 100      | CA703/1   | 100      | CA707/S/Q/01 | 100      |
|   | 3 Pole                | CA722/3   | 100      | -         | -        | CA715/3  | 100      | CA704/1   | 100      |              |          |
|   | 4 Pole                | CA722/4   | 100      | -         | -        | CA715/4  | 100      | CA705/1   | 100      |              |          |
|   | 10 Pole               | CA722/10  | 10       | -         | -        | CA715/10 | 20       | CA732/10  | 100      |              |          |
|   | 100 Pole <sup>2</sup> | CA722/100 | 10       | -         | -        | -        | -        | CA732/100 | 10       |              |          |
| <b>ODL4U CDL4U(E) CMT4 CMB4</b>   | 2 Pole                | CA727/2   | 100      | CA747/2   | 100      | CA714/2  | 100      | CA703/1   | 100      | CA607/S/Q    | 100      |
|   | 3 Pole                | CA727/3   | 100      | CA747/3   | 100      | CA714/3  | 100      | CA704/1   | 100      |              |          |
|   | 4 Pole                | CA727/4   | 100      | CA747/4   | 100      | CA714/4  | 100      | CA705/1   | 100      |              |          |
|   | 10 Pole               | CA727/10  | 10       | CA747/10  | 10       | CA714/10 | 20       | CA732/10  | 100      |              |          |
|   | 100 Pole <sup>2</sup> | CA727/100 | 10       | CA747/100 | 10       | -        | -        | CA732/100 | 10       |              |          |
| <b>CDLG2.5 CTLG2.5</b>  | 2 Pole                | CA627/2   | 100      | -         | -        | CA715/2  | 100      | CA703/1   | 100      | CA611/S/Q    | 100      |
|   | 3 Pole                | CA627/3   | 100      | -         | -        | CA715/3  | 100      | CA704/1   | 100      |              |          |
|   | 4 Pole                | CA627/4   | 100      | -         | -        | CA715/4  | 100      | CA705/1   | 100      |              |          |
|   | 10 Pole               | CA627/10  | 10       | -         | -        | CA715/10 | 20       | CA732/10  | 10       |              |          |
| <b>CF4U<sup>1</sup> CF4U(L)<sup>1</sup></b>   | 2 Pole                | -         | -        | -         | -        | CA711/2  | 100      | -         | -        | -            | -        |
|   | 3 Pole                | -         | -        | -         | -        | CA711/3  | 50       | -         | -        | -            | -        |
|   | 4 Pole                | -         | -        | -         | -        | CA711/4  | 50       | -         | -        | -            | -        |
|   | 10 Pole               | -         | -        | -         | -        | CA711/10 | 20       | -         | -        | -            | -        |
| <b>DDFL4U, DDFL4U(E) DDFL4ULR, DDFL4ULR(E) CSDL4U<sup>1</sup>, DDDL4U</b>   | 2 Pole                | CA729/2   | 100      | CA749/2   | 100      | CA711/2  | 100      | CA703/6   | 100      | CA707/S/Q/3  | 100      |
|   | 3 Pole                | CA729/3   | 50       | CA749/3   | 50       | CA711/3  | 50       | CA704/6   | 100      |              |          |
|   | 4 Pole                | CA729/4   | 50       | CA749/4   | 50       | CA711/4  | 50       | CA705/6   | 100      |              |          |
|   | 10 Pole               | CA729/10  | 10       | CA749/10  | 10       | CA711/10 | 20       | CA737/10  | 100      |              |          |
| <b>CAFL4U<sup>1</sup> CAFL4U(L)<sup>1</sup> CAFL4U(N)<sup>1</sup></b>   | 2 Pole                | -         | -        | -         | -        | CA716/2  | 50       | -         | -        | -            | -        |
|   | 3 Pole                | -         | -        | -         | -        | CA716/3  | 50       | -         | -        | -            | -        |
|   | 4 Pole                | -         | -        | -         | -        | CA716/4  | 50       | -         | -        | -            | -        |
|   | 10 Pole               | -         | -        | -         | -        | CA716/10 | 20       | -         | -        | -            | -        |
| <b>CHV4U CTS4USC</b>  | 2 Pole                | CA623/2   | 100      | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 3 Pole                | CA623/3   | 100      | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 4 Pole                | CA623/4   | 100      | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 10 Pole               | CA623/10  | 10       | -         | -        | -        | -        | -         | -        | -            | -        |
| <b>CHV6U CTS6USC</b>  | 2 Pole                | CA624/2   | 100      | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 3 Pole                | CA624/3   | 100      | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 4 Pole                | CA624/4   | 100      | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 10 Pole               | CA624/10  | 10       | -         | -        | -        | -        | -         | -        | -            | -        |
| <b>CHV10U CTS10USC</b>  | 2 Pole                | CA625/2   | 100      | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 3 Pole                | CA625/3   | 100      | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 4 Pole                | CA625/4   | 100      | -         | -        | -        | -        | -         | -        | -            | -        |
|   | 10 Pole               | CA625/10  | 10       | -         | -        | -        | -        | -         | -        | -            | -        |

<sup>1</sup> Internal shorting system not available.

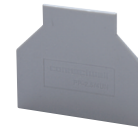
<sup>2</sup> 100 pole strip is breakable into any number of poles needed.

ENDPLATES



| Terminal Block                   | Cat. No.        | Dimensions          | Std. Pk. |
|----------------------------------|-----------------|---------------------|----------|
| <b>CTS2.5U-N, CTS4U-N</b>        | EP2.5/4UN       | 32 x 39 x 1.5mm     | 50       |
| <b>CTT2.5UK/J/T/E</b>            |                 |                     |          |
| <b>CCTS6U, CTS10U</b>            | EP6/10U         | 31 x 42.5 x 1.5mm   | 50       |
| <b>CMC1-2</b>                    | EPCMC1-2        | 35.5 x 46.5 x 2.5mm | 50       |
| <b>CMC2-2, CMCG4</b>             | EPCMC2-2        | 40.5 x 65 x 2.5mm   | 50       |
| <b>CDL4UN, CDLG4</b>             | EPCDL4UN        | 47.5 x 57 x 1.5mm   | 50       |
| <b>CDLG2.5</b>                   | EPCDLG2.5       | 48 x 71.4 x 1.2mm   | 50       |
| <b>CTLG2.5</b>                   | EPCTLG2.5       | 62.5 x 87.5 x 1.2mm | 50       |
| <b>ODL4U</b>                     | EPODL4U (Front) | 49 x 86 x 5.5mm     | 50       |
|                                  | EP10DL4U (Back) | 24 x 68 x 3mm       | 50       |
| <b>CHV Series, CTSUSC Series</b> | EPUSC           | 52 x 48.5 x 1.5mm   | 50       |
| <b>CTL2.5U Series</b>            | EPCTL2.5U       | 55.5 x 84 x 1.5mm   | 50       |
| <b>CTL2.5U-H Series</b>          | EPCTL2.5U-H     | 55.5 x 61 x 1.5mm   | 50       |
| <b>CAFL4U Series</b>             | EPCAF4U         | 32 x 72 x 1.5mm     | 50       |
| <b>CDS6U</b>                     | EPCDS6U         | 37.2 x 82 x 1.5mm   | 50       |
| <b>CKT4U</b>                     | EPCKT4U         | 30.5 x 46.5 x 2.5mm | 50       |
| <b>EPCKT4U</b>                   | EPCKT4U/4       | 65 x 38.3 x 1.5mm   | 50       |
| <b>CDTTU Series</b>              | EPCDTTU         | 41 x 63 x 3mm       | 50       |
| <b>CSDL4U</b>                    | EPCSFL4U        | 28 x 55.5 x 1.6mm   | 50       |
| <b>DDDL4U, DDFL4U</b>            | EPDDL4U         | 49 x 87.6 x 3mm     | 50       |
| <b>CDL4U(E)</b>                  | EPCDL4U         | 43 x 55 x 2.4mm     | 50       |
| <b>CTC4U</b>                     | EPCTC4U         | 34.5 x 47 x 2.5mm   | 50       |
| <b>CMT4</b>                      | EPCMT4          | 23 x 27 x 1.5mm     | 50       |
| <b>CMB4</b>                      | EPCMB4          | 27 x 27 x 7mm       | 50       |
| <b>ODL2.5 Series</b>             | EPODL2.5        | 49 x 59 x 4.6mm     | 50       |
|                                  | EP10DL2.5       | 23 x 59 x 2.5mm     | 50       |

PARTITION PLATES



| Terminal Block            | Cat. No.  | Dimensions        | Std. Pk. |
|---------------------------|-----------|-------------------|----------|
| <b>CTS2.5U-N, CTS4U-N</b> | PP2.5/4UN | 37 x 44 x 1.6mm   | 50       |
| <b>CTT2.5UK/J/T/E</b>     |           |                   |          |
| <b>CTS6U, CTS10U</b>      | PP6/10U   | 37.5 x 56 x 1.5mm | 50       |
| <b>CTS25UN</b>            | PP25UN    | 42.5 x 62 x 1mm   | 50       |
| <b>CTS35UN</b>            | PP35UN    | 50 x 64.5 x 1mm   | 50       |
| <b>CMT4</b>               | PPCMT4    | 32 x 37 x 1.6mm   | 50       |

SEPARATOR PLATES



| Terminal Block               | Cat. No.  | Dimensions          | Std. Pk. |
|------------------------------|-----------|---------------------|----------|
| <b>CTS2.5U-N, CTS4U-N</b>    | SP2.5/4UN | 17.5 x 17.4 x 1.4mm | 100      |
| <b>CTT2.5UK/J/T/E</b>        |           |                     |          |
| <b>CTS6U, CTS10U, CTS16U</b> | SP6/10U   | 15.4 x 16.2 x 1.5mm | 100      |
| <b>CSL4UN, CDL4UN(I.S.)</b>  | SPCDL4U   | 15.4 x 16.2 x 1.6mm | 100      |
| <b>CBM4</b>                  | SPCMB4    | 14.5 x 12 x 1.5mm   | 100      |
| <b>CDLG2.5</b>               | SPCDLG2.5 | 11 x 10.5 x 1       | 100      |

END STOPS

CA202



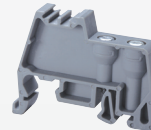
| Cat. No. | Dimensions        | Std. Pk. |
|----------|-------------------|----------|
| CA202    | 44.5 x 50 x 9.5mm | 50       |

CA802



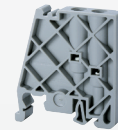
| Cat. No. | Dimensions    | Std. Pk. |
|----------|---------------|----------|
| CA802    | 45 x 32 x 8mm | 50       |

CA702



| Cat. No. | Dimensions    | Std. Pk. |
|----------|---------------|----------|
| CA702    | 34 x 45 x 9mm | 50       |

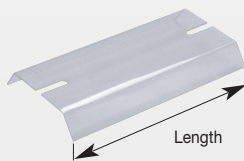
CA102



| Cat. No. | Dimensions    | Std. Pk. |
|----------|---------------|----------|
| CA102    | 80 x 46 x 9mm | 50       |

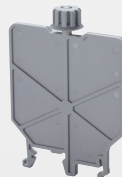
PROTECTIVE COVER

CTSPC COVER

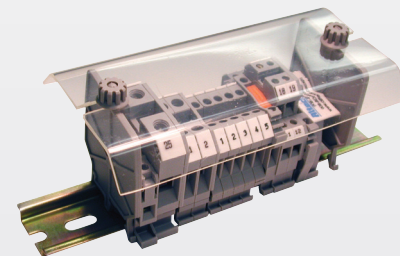


| Cat. No.  | Length | Std. Pk. |
|-----------|--------|----------|
| CTSPC/40  | 40mm   | 2        |
| CTSPC/90  | 90mm   | 2        |
| CTSPC/100 | 100mm  | 2        |
| CTSPC/130 | 130mm  | 2        |
| CTSPC/150 | 150mm  | 2        |
| CTSPC/200 | 200mm  | 2        |
| CTSPC/300 | 300mm  | 2        |
| CTSPC/330 | 330mm  | 2        |

SUPPORT PLATE



| Cat. No. | Std. Pk. |
|----------|----------|
| CSP1     | 50       |



Assembled Block installed with Protective Cover

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