

# CY SERIES

## SCREW TERMINAL BLOCKS

## SINGLE LEVEL FEED THROUGH TERMINAL BLOCKS

### HIGHLIGHTS

#### FEATURES

- Altech CY Series of Universal Screw Terminal Blocks featuring global standards
- Easy snap-on onto common DIN Rail
- Universal push-in Jumper System

#### APPLICATIONS

- Machines
- Control/ Automation Applications
- Power Distribution

### CY2.5



### CY4



### CY6



#### Dimensions & Weight

|                   | CY2.5  | CY4              | CY6              |
|-------------------|--|------------------|------------------|
|                   | 2 Connection Feed-Through<br>2 Jumper Channels |                  |                  |
| Width             | 5 mm   | 6 mm             | 8 mm             |
| Length            | 50 mm  | 50 mm            | 50 mm            |
| Height w DIN Rail | 35 x 7.5 mm<br>35 x 15 mm                      | 49 mm<br>56.5 mm | 49 mm<br>56.5 mm |
| Weight per piece  | 8.3 g  | 10.4 g           | 16.1 g           |

#### Technical Data/Ratings

| Approvals                    |              |                         |              |                       |              |                       |
|------------------------------|--------------|-------------------------|--------------|-----------------------|--------------|-----------------------|
| Wire Size (solid / stranded) | 24-12 AWG    | 0.2-2.5 mm <sup>2</sup> | 24-10 AWG    | 0.2-4 mm <sup>2</sup> | 24-8 AWG     | 0.2-6 mm <sup>2</sup> |
| Voltage Rating               | 600 V        | 1000V AC/DC             | 600 V        | 1000V AC/DC           | 600 V        | 1000V AC/DC           |
| Current Rating               | 20 A         | 24 A                    | 30 A         | 32 A                  | 50 A         | 41 A                  |
| Torque                       | 3.6 lb-in    | 0.4 Nm                  | 4.5 lb-in    | 0.8 Nm                | 11 lb-in     | 1.2 Nm                |
| Insulation Material          | Polyamide 66 |                         | Polyamide 66 |                       | Polyamide 66 |                       |

#### Installation Instructions

| Wire Stripping Length | 8 mm                 | 9 mm                   | 10 mm                |
|-----------------------|----------------------|------------------------|----------------------|
| Screwdriver           | Flat Head 0.5 x 3 mm | Flat Head 0.6 x 3.5 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>CY2.5</b> | 100      | <b>CY4</b> | 100      | <b>CY6</b> | 100      |
| Red R                  | CY2.5/R      | 100      | CY4/R      | 100      | CY6/R      | 100      |
| Blue BU                | CY2.5/BU     | 100      | CY4/BU     | 100      | CY6/BU     | 100      |
| Black BL               | CY2.5/BL     | 100      | CY4/BL     | 100      | CY6/BL     | 100      |
| Orange O               | CY2.5/O      | 100      | CY4/O      | 100      | CY6/O      | 100      |
| Green G                | CY2.5/G      | 100      | CY4/G      | 100      | CY6/G      | 100      |
| Yellow Y               | CY2.5/Y      | 100      | CY4/Y      | 100      | CY6/Y      | 100      |
| White W                | CY2.5/W      | 100      | CY4/W      | 100      | CY6/W      | 100      |

#### Accessories

|                           | Cat. No.   | Std. Pk.   | Cat. No.   | Std. Pk.  | Cat. No.   | Std. Pk.                                      |   |
|---------------------------|--|--|--|---|--|---|---|
| End Plate                 | EPCY2.5/10   | 50   | EPCY2.5/10   | 50  | EPCY2.5/10                                       | 50  |   |
| Partition Plate           | PPCY2.5/10   | 20   | PPCY2.5/10   | 20  | PPCY2.5/10                                       | 20  |   |
| DIN Rail                  | 2511120<br>CA701-15/S  | 20<br>20   | 2511120<br>CA701-15/S                              | 20<br>20  | 2511120<br>CA701-15/S                            | 20<br>20                                      |   |
| End Stop                  | CA702<br>CA802<br>CA103  | 50<br>50<br>50   | CA702<br>CA802<br>CA103                            | 50<br>50<br>50  | CA702<br>CA802<br>CA103                          | 50<br>50<br>50                                |   |
| Shorting Link/<br>Jumpers | 2 pole<br>3 pole<br>4 pole<br>5 pole<br>6 pole<br>7 pole<br>8 pole<br>10 pole<br>16 pole | JX2.5/2<br>JX2.5/3<br>JX2.5/4<br>JX2.5/5<br>JX2.5/6<br>JX2.5/7<br>JX2.5/8<br>JX2.5/10<br>- | 100<br>50<br>50<br>50<br>10<br>10<br>10<br>10<br>- | JX4/2<br>JX4/3<br>JX4/4<br>-<br>-<br>-<br>JX4/8<br>JX4/10<br>JX4/16 | 100<br>50<br>50<br>-<br>-<br>-<br>50<br>10<br>10 | JY6/2<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | 100<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- |
| Marking Tag               | MT5  | 1 Pk. (100 tags)   | MT6  | 1 Pk. (100 tags)  | MT8  | 1 Pk. (100 tags)                              |   |
| Warning Label             | WLX2.5   | 1 Pk. (100 tags)   | WLX4   | 1 Pk. (100 tags)  | WLX6   | 1 Pk. (100 tags)                              |   |