

# CY SERIES

## SCREW TERMINAL BLOCKS

## SINGLE LEVEL FEED THROUGH TERMINAL BLOCKS

### HIGHLIGHTS

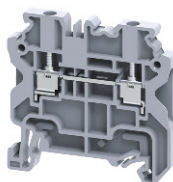
#### FEATURES

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

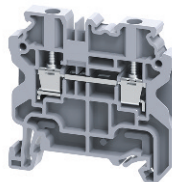
#### APPLICATIONS

- Machines
- Control/ Automation Applications
- Power Distribution

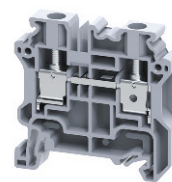
#### CY2.5



#### CY4



#### CY6



#### Dimensions & Weight

|                   | CY2.5                     | CY4              | CY6              |
|-------------------|---------------------------|------------------|------------------|
| 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                    | C US<br>E220514 | CS US<br>60947-7-1      | IEC<br>60947-7-1 | C US<br>E220514 | CS US<br>60947-7-1    | IEC<br>60947-7-1 | C US<br>E220514 | CS US<br>60947-7-1    | IEC<br>60947-7-1 |
|------------------------------|-----------------|-------------------------|------------------|-----------------|-----------------------|------------------|-----------------|-----------------------|------------------|
| 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

| 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 |  | JX2.5/2                 | 100              | JX4/2                   | 100              | JY6/2                   | 100              |
|                           | 2 pole                                                                              | JX2.5/3                 | 50               | JX4/3                   | 50               | —                       | —                |
|                           | 3 pole                                                                              | JX2.5/4                 | 50               | JX4/4                   | 50               | —                       | —                |
|                           | 4 pole                                                                              | JX2.5/5                 | 50               | —                       | —                | —                       | —                |
|                           | 5 pole                                                                              | JX2.5/6                 | 10               | —                       | —                | —                       | —                |
|                           | 6 pole                                                                              | JX2.5/7                 | 10               | —                       | —                | —                       | —                |
|                           | 7 pole                                                                              | JX2.5/8                 | 10               | JX4/8                   | 50               | —                       | —                |
|                           | 8 pole                                                                              | JX2.5/10                | 10               | JX4/10                  | 10               | —                       | —                |
|                           | 10 pole                                                                             | —                       | —                | JX4/16                  | 10               | —                       | —                |
| 16 pole                   |                                                                                     |                         |                  |                         |                  |                         |                  |
| 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) |