

# DISTRIBUTION

## SCREW TERMINAL BLOCKS

## MULTI I/O DISTRIBUTION TERMINAL BLOCKS

### 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 |
|-------------------|-------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Width             | 2 pole      | 13.5 mm                          | 17.5 mm                          | 21.5 mm                          | 26.0 mm                          |
|                   | 3 pole      | 19.5 mm                          | 25.5 mm                          | 31.5 mm                          | 38.0 mm                          |
|                   | 4 pole      | 25.5 mm                          | 33.5 mm                          | 41.5 mm                          | 50.0 mm                          |
|                   | 10 pole     | 61.5 mm                          | 81.5 mm                          | 101.5 mm                         | 62.0 mm                          |
| Length            |             | 43 mm                            | 48 mm                            | 48 mm                            | 49 mm                            |
| Height w DIN Rail | 35 x 7.5 mm | 46.2 mm                          | 47.8 mm                          | 47.8 mm                          | 57.2 mm                          |
|                   | 35 x 15 mm  | 53.7 mm                          | 55.5 mm                          | 55.5 mm                          | 64.7 mm                          |

### Technical Data/Ratings

|                              |              |                       |              |                       |              |                        |              |                        |
|------------------------------|--------------|-----------------------|--------------|-----------------------|--------------|------------------------|--------------|------------------------|
| Approvals                    |              |                       |              |                       |              |                        |              |                        |
| 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> | 12-4 AWG     | 6.0-25 mm <sup>2</sup> |
| Voltage Rating               | 600 V        | 1000V AC/DC           | 600 V        | 1000V AC/DC           | 600 V        | 1000V AC/DC            | 600 V        | 800V AC/DC             |
| Current Rating               | 35 A         | 32 A                  | 50 A         | 41 A                  | 65 A         | 57 A                   | 85 A         | 101 A                  |
| Torque                       | 7 lb-in      | 0.5 Nm                | 14 lb-in     | 0.8 Nm                | 14 lb-in     | 1.2 Nm                 | 22 lb-in     | 2.0 Nm                 |
| Insulation Material          | Polyamide 66 |                       | Polyamide 66 |                       | Polyamide 66 |                        | Polyamide 66 |                        |

### 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

#### 4 Outputs

|                 | Cat. No.   | Std. Pk. | Cat. No.   | Std. Pk. | Cat. No.    | Std. Pk. | Cat. No.    | Std. Pk. |
|-----------------|------------|----------|------------|----------|-------------|----------|-------------|----------|
| Grey (standard) | CMDB4/2    | 10       | CMDB6/2    | 10       | CMDB10/2    | 10       | CMDB25/2    | 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. |
|-----------------|------------|----------|------------|----------|-------------|----------|-------------|----------|
| Grey (standard) | CMDB4/3    | 10       | CMDB6/3    | 10       | CMDB10/3    | 10       | CMDB25/3    | 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. |
|-----------------|------------|----------|------------|----------|-------------|----------|-------------|----------|
| Grey (standard) | CMDB4/4    | 10       | CMDB6/4    | 10       | CMDB10/4    | 10       | CMDB25/4    | 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. |
|-----------------|-------------|----------|-------------|----------|--------------|----------|--------------|----------|
| Grey (standard) | CMDB4/10    | 10       | CMDB6/10    | 10       | CMDB10/10    | 5        | CMDB25/10    | 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.         |
|-------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|
| 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               |
| Marking Tag | MT6        | 1 Pk. (100 tags) | MT8        | 1 Pk. (100 tags) | MT10       | 1 Pk. (100 tags) | MT12       | 1 Pk. (100 tags) |

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