

## 4 POLE DISTRIBUTION BLOCKS

### RPQ

RPQ1018

Inputs orthogonal to outputs - RPQ160-11-SI

- 40 A to 160 A
- Brass conductors
- Self-extinguishing insulating structure UL 94-V0
- Insulation between phases



### PRODUCT DESCRIPTION

The 4 pole distribution blocks are brass conductors which have galvanized steel screws included this enables insulation between phases.

Each block has a front removable protection screen. With self-extinguishing insulating structure :

UL 94-V0 approved

Quick hook-up on DIN rails.

Compliant with standards IEC 947-7-1.

#### Advantages

- Separate inputs
- Forged conductors
- Easy wiring: RPQ1015, RPQ1018
- Modular depth: RPQ1016, RPQ1017

## TECHNICAL DATA

### GENERAL DATA

|                                                   |       |
|---------------------------------------------------|-------|
| Rated current                                     | 160 A |
| IP class                                          | IP20  |
| Nominal insulation voltage                        | 600 V |
| Short-circuit current resistance IPK (peak value) | 22 kA |
| Short-circuit current resistance ICW over 1s      | 9 kA  |

### CONNECTION DATA

|                                            |                    |
|--------------------------------------------|--------------------|
| Connections                                | 12                 |
| Number of inputs A                         | 1                  |
| Input A: diameter                          | 12 mm              |
| Input A: wire cross-section stranded, min. | 10 mm <sup>2</sup> |

|                                                                    |                         |
|--------------------------------------------------------------------|-------------------------|
| Input A: wire cross-section stranded, max.                         | 50 mm <sup>2</sup>      |
| Input A: wire cross-section with wire-end ferrules, min.           | 10 mm <sup>2</sup>      |
| Input A: wire cross-section with wire-end ferrules, max.           | 50 mm <sup>2</sup>      |
| Input A: torque, min.                                              | 8 Nm                    |
| Input A: torque, max.                                              | 10 Nm                   |
| Number of outputs A                                                | 3                       |
| Output A: diameter                                                 | 8,5 mm                  |
| Output A: wire cross-section stranded, min.                        | 10 mm <sup>2</sup>      |
| Output A: wire cross-section stranded, max.                        | 35 mm <sup>2</sup>      |
| Output A: wire cross-section stranded with wire-end ferrules, min. | 10 mm <sup>2</sup>      |
| Output A: wire cross-section stranded with wire-end ferrules, max. | 25 mm <sup>2</sup>      |
| Output A: torque, min.                                             | 2 Nm                    |
| Output A: torque, max.                                             | 3 Nm                    |
| Number of outputs B                                                | 8                       |
| Output B: diameter                                                 | 7 mm                    |
| Output B: wire cross-section stranded, min.                        | 2,5 mm <sup>2</sup>     |
| Output B: wire cross-section stranded, max.                        | 16 mm <sup>2</sup>      |
| Output B: wire cross-section stranded with wire-end ferrules, min. | 1,5 mm <sup>2</sup>     |
| Output B: wire cross-section stranded with wire-end ferrules, max. | 16 mm <sup>2</sup>      |
| Output B: torque, min.                                             | 2 Nm                    |
| Output B: torque, max.                                             | 3 Nm                    |
| Screw type                                                         | Galvanized steel screws |

## DIMENSIONS

|                 |        |
|-----------------|--------|
| Fix. Hole space | 135 mm |
| Length (L)      | 154 mm |
| Height (H)      | 95 mm  |
| Width (P)       | 67 mm  |

## ADDITIONAL DATA

|           |   |
|-----------|---|
| Pack size | 1 |
|-----------|---|

