

## Type: Z6-5D



### SINGLE POLE TERMINAL BLOCK, WITH INDIRECT TIGHTENING, WITH DIN RAIL CONNECTION, 5 WAY SECTION NOMINAL 6MMQ

| Technical information          |                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Maximum operating temperature  | 85 °C                                                                                                                                 |
| Number of ways                 | 5                                                                                                                                     |
| Nominal voltage                | 450 V                                                                                                                                 |
| Short-circuit current          | 1 kA                                                                                                                                  |
| Short circuit current time     | 1000 ms                                                                                                                               |
| Operating current              | 60 A                                                                                                                                  |
| Way connection capacity        | 1x6 mm <sup>2</sup> R/F; 1x4 mm <sup>2</sup> R/F; 1÷2x2.5 mm <sup>2</sup> R/F; 1÷2x1.5 mm <sup>2</sup> R/F; 1÷4x1 mm <sup>2</sup> R/F |
| Range of cable cross section   | 1÷6 mm <sup>2</sup>                                                                                                                   |
| Number of poles                | 1                                                                                                                                     |
| Clamping type                  | undirect                                                                                                                              |
| Captive screw                  | Yes                                                                                                                                   |
| Torque of the clamping element | 0.8 Nm                                                                                                                                |
| Screw pitch                    | M3x7.5                                                                                                                                |
| Cable stripping length         | 12 mm                                                                                                                                 |
| Easy insertion input           | Yes                                                                                                                                   |
| Suitable for earth connections | No                                                                                                                                    |
| Insulated body color           | Transparent                                                                                                                           |
| Attachment for DIN rail        | Yes                                                                                                                                   |

| Weight and dimensions            |               |
|----------------------------------|---------------|
| Geometry of the clamping element | slotted screw |

| Material composition and treatments |                                             |
|-------------------------------------|---------------------------------------------|
| Insulated body material             | Polycarbonate                               |
| Clamping element material           | electrolytically zinc plated tempered steel |

| Material composition and treatments                             |                                             |
|-----------------------------------------------------------------|---------------------------------------------|
| Cage material                                                   | electrolytically zinc plated tempered steel |
| Plate material                                                  | Copper                                      |
| DIN rail attachment material                                    | steel                                       |
| Halogen free                                                    | No                                          |
| Minimum thickness of the surface coating of the conducting body | 3 µm                                        |
| Minimum thickness of the plate surface coating                  | 3 µm                                        |
| Surface treatment of the clamping element                       | electrolytically zinc plating tempered      |
| Surface treatment of the cage                                   | electrolytically zinc plating tempered      |
| Surface treatment of the plate                                  | tin plating                                 |

| Certifications and approvals                     |                          |
|--------------------------------------------------|--------------------------|
| Marks                                            | CE; IMQ; LR; RINA; UKCA  |
| REACH                                            | Yes                      |
| ROHS                                             | Yes                      |
| Reference standard                               | EN 60998-1; EN 60998-2-1 |
| Self-extinguishing fire class according to UL 94 | V0                       |
| Ingress Protection according to CEI EN 60529     | IP20                     |

| Logistics             |    |
|-----------------------|----|
| Minimum packing unit  | 10 |
| Standard packing unit | 10 |