

Cable lugs > Terminal blocks and distribution blocks > Power distribution blocks

Type: DB80-6/1N



UNIPOLAR DISTRIBUTION BLOCK, DIRECT CLAMPING, 80A 7 WAYS SECTION 16mmq

| Technical information                  |   |
|--|---|
| Number of ways                         | 6   |
| Rated impulse voltage Uimp             | 1000 V  |
| Rated peak withstand current IPK       | 22 kA   |
| Rated short-time withstand current ICW | 3 kA  |
| Operating current                      | 80 A  |
| Input connection capacity              | 1x6÷16 mm² R/F  |
| Output connection capacity             | 4x2.5÷6 mm² R/F; 2x2.5÷16 mm² R/F                     |
| Number of poles                        | 1   |
| Clamping type                          | direct  |
| Captive screw                          | Yes   |
| Torque of the clamping element         | 2.5÷6 mm²: 1.2 Nm;2.5÷16 mm²: 3.5 Nm;6÷16 mm²: 3.5 Nm |
| Easy insertion input                   | Yes   |
| Cover color                            | Transparent   |
| Insulated body color                   | Grey  |
| Attachment for DIN rail                | Yes   |

| Weight and dimensions                       |                    |
|---|--------------------|
| Geometry of the clamping element            | slotted screw      |
| Number and diameter of input holes          | 1x6.8 mm           |
| Number and diameter of output holes         | 4x4.5 mm; 2x6.8 mm |
| Horizontal pitch between the sheet elements | 1x6.8 mm           |

| Material composition and treatments                             |                          |
|---|--------------------------|
| Conductor body material   | brass                    |
| Insulated body material   | Polyamide PA6.6          |
| Cover material  | Polycarbonate            |
| Clamping element material                                       | Zinc plated steel        |
| Halogen free  | Yes                      |
| Minimum thickness of the surface coating of the conducting body | 3 µm                     |
| Surface treatment of the conductor body                         | electrolytic tin plating |
| Surface treatment of the clamping element                       | Zinc plating             |

| Certifications and approvals                     |                      |
|--|----------------------|
| Marks  | CE; UKCA; UL (cURus) |
| REACH  | Yes                  |
| ROHS   | Yes                  |
| Reference standard                               | EN 60947-7-1         |
| UL standard                                      | 1059                 |
| Self-extinguishing fire class according to UL 94 | V0                   |
| Ingress Protection according to CEI EN 60529     | IP20                 |

| Logistics             |   |
|-----------------------|---|
| Minimum packing unit  | 5 |
| Standard packing unit | 5 |