

Terminal block, 3 poles, 175A, 1 input-, 6 output terminals, ALU



Part no. BPZ-KB-6/175
102717
EL Number 2459293
(Norway)

| General specifications | |
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| Product name | Eaton xEnergy Basic other accessory |
| Part no. | BPZ-KB-6/175 |
| EAN | 4015081025770 |
| Product Length/Depth | 43 millimetre |
| Product height | 71 millimetre |
| Product width | 80.1 millimetre |
| Product weight | 0.415 kilogram |
| Compliances | RoHS conform |
| Certifications | UL 1059 IEC 60 947 -7 -1 |
| Product Tradename | xEnergy Basic |
| Product Type | Accessories |
| Product Sub Type | Other |
| Delivery program | |
| Amperage rating | 175 A |
| Number of poles | Three-pole |
| Technical Data - Electrical | |
| Voltage rating at AC Cu (CSA) - max | 600 V AC |
| Voltage rating at AC Cu (IEC) - max | 1000 V AC |
| Voltage rating at AC Cu (UL) - max | 600 V AC |
| Voltage rating at DC Cu (IEC) - max | 1500 V DC |
| Rated peak withstand current | 30 kA |
| Rated operation current (Ie) Cu (CSA) | 175 A |
| Rated operation current (Ie) Cu (IEC) | 175 A |
| Rated operation current (Ie) Cu (UL) | 175 A |
| Rated short-time withstand current (Icw) | 11 kA |
| Technical Data - Mechanical | |
| Mounting method | Surface mounting Floor standing distribution board Flush mounting |
| Mounting position | Universal |
| Degree of protection | IP20 |
| Number of clamp positions per pole | 7 |
| Number of clamping units per pole | 7 |
| Terminal capacity (single/multi-wire) | 16 mm ² - 70 mm ² (incoming) 14 - 6 AWG (outgoing) 2.5 mm ² - 10 mm ² (outgoing, fine wire (with sleeve)) 14 - 8 AWG (outgoing, fine wire (with sleeve)) 2.5 mm ² - 16 mm ² (outgoing) 8 - 2/0 AWG (incoming) 16 mm ² - 50 mm ² (incoming, fine wire (with sleeve)) 6 - 1 AWG (incoming, fine wire (with sleeve)) |
| Conductor cross section (solid, solid-strand) - min | 2.5 mm ² |
| Conductor cross section (solid, solid-strand) - max | 70 mm ² |
| Clamp material | Plain Brass |
| Torque rating | 6 Nm - 10 Nm / 53.1 lbf - 88.5 lbf (incoming). 3 Nm - 4 Nm / 26.5 lbf - 35.4 lbf (outgoing) |
| Housing color | Light gray (RAL 7035) |
| Housing material | PA66 |
| Design verification as per IEC/EN 61439 - technical data | |

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| Heat deflection temperature | | 100 °C |
| Additional information | | |
| Comparative tracking index (CTI) | | 600 V |
| Flame classification (UL 94) | | V-0 |
| Functions | | Additional equipment |
| Special features | | Clicks on DIN-rail or on base plate. Save time on wiring. Save 80% on space used. Modular construction, 1-4 pole Systems can be built with several blocks. Material, hexagon socket set screw: Steel Zinc plated (Hexagon socket set screw, Surface finish) |

Technical data ETIM 9.0

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| Energy distribution systems (EG000015) / Distributor assembly terminal blocks (EC001894) | | | |
| Electric engineering, automation, process control engineering / Electrical insulation and connecting material / Energy distribution system / Distributor assembly terminal blocks (ecI@ss13-27-40-06-09 [AC0381016]) | | | |
| Height | | mm | 71 |
| Width | | mm | 80.1 |
| Depth | | mm | 43 |
| Max. rated current | | A | 175 |
| Number of poles | | | 3 |
| Conductor cross section flexible (fine-strand) with cable end sleeve | | mm ² | 2.5 - 70 |
| Conductor cross section solid (solid, stranded) | | mm ² | 2.5 - 70 |
| Number of clamp positions per pole | | | 7 |
| With PE-rail | | | No |
| With N-rail | | | No |