

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



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

General specifications	
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	

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

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