

Terminal block, 1 pole, 175A, 10 output terminals



Part no. BPZ-KB-10/175
102715
EL Number 2459291
(Norway)

General specifications	
Product name	Eaton xEnergy Basic LV systems Low voltage switchgear
Part no.	BPZ-KB-10/175
EAN	4015081025756
Product Length/Depth	43 millimetre
Product height	71 millimetre
Product width	45 millimetre
Product weight	0.23 kilogram
Compliances	RoHS conform
Certifications	IEC 60 947 -7 -1 UL 1059
Product Tradename	xEnergy Basic
Product Type	LV systems
Product Sub Type	Low voltage switchgear
Delivery program	
Amperage rating	175 A
Number of poles	Single-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	Flush mounting Floor standing distribution board Surface mounting
Mounting position	Universal
Degree of protection	IP20
Number of clamp positions per pole	11
Number of clamping units per pole	11
Terminal capacity (single/multi-wire)	2.5 mm ² - 10 mm ² (outgoing, fine wire (with sleeve)) 6 - 2/0 AWG (incoming) 14 - 6 AWG (outgoing) 14 - 8 AWG (outgoing, fine wire (with sleeve)) 2.5 mm ² - 16 mm ² (outgoing) 16 mm ² - 70 mm ² (incoming) 6 - 1 AWG (incoming, fine wire (with sleeve)) 16 mm ² - 50 mm ² (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	45
Depth		mm	43
Max. rated current		A	175
Number of poles			1
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			11
With PE-rail			No
With N-rail			No