

Terminal block, 1 pole, 160A, 6 output terminals

Part no. **BPZ-KB-6/160**
289970
EL Number **2456094**
(Norway)

General specifications		
Product name		Eaton xEnergy Basic other accessory
Part no.		BPZ-KB-6/160
EAN		4015082899707
Product Length/Depth		92 millimetre
Product height		49 millimetre
Product width		35 millimetre
Product weight		0.3 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		160 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)		160 A
Rated operation current (Ie) Cu (IEC)		160 A
Rated operation current (Ie) Cu (UL)		160 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		7
Number of clamping units per pole		7
Terminal capacity (single/multi-wire)		14 - 6 AWG (outgoing) 8 - 2/0 AWG (incoming) 10 mm ² - 70 mm ² (incoming) 2.5 mm ² - 16 mm ² (outgoing) 8 - 1 AWG (incoming, fine wire (with sleeve)) 14 - 6 AWG (outgoing, fine wire (with sleeve)) 10 mm ² - 50 mm ² (incoming, fine wire (with sleeve)) 2.5 mm ² - 16 mm ² (outgoing, 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		Brass Plain
Torque rating		5 Nm - 6 Nm / 44 lbf - 53 lbf (incoming). 1.5 Nm - 3 Nm / 13.2 lbf - 26.5 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)
Used with			Single-pole terminal blocks

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	49
Width		mm	35
Depth		mm	92
Max. rated current		A	160
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			7
With PE-rail			No
With N-rail			No