

Terminal block, 4 poles, 160A, 1 input-, 11 output terminals, ALU



Part no. BPZ-KB-11/160
102716
EL Number 2459292
(Norway)

General specifications		
Product name		Eaton xEnergy Basic other accessory
Part no.		BPZ-KB-11/160
EAN		4015081025763
Product Length/Depth		50.2 millimetre
Product height		86 millimetre
Product width		160.4 millimetre
Product weight		0.706 kilogram
Compliances		RoHS conform
Certifications		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		Four-pole
Technical Data - Electrical		
Voltage rating at AC Cu (IEC) - max		1000 V AC
Voltage rating at DC Cu (IEC) - max		1500 V DC
Rated peak withstand current		20 kA
Rated operation current (Ie) Cu (IEC)		175 A
Rated short-time withstand current (Icw)		6.2 kA
Technical Data - Mechanical		
Mounting method		Surface mounting Flush mounting Floor standing distribution board
Mounting position		Universal
Degree of protection		IP20
Number of clamp positions per pole		12
Number of clamping units per pole		12
Terminal capacity (single/multi-wire)		2.5 mm ² - 16 mm ² (outgoing) 6 mm ² - 25 mm ² (outgoing) 6 mm ² - 16 mm ² (outgoing, fine wire (with sleeve)) 14 - 4 AWG (outgoing) 8 - 2/0 AWG (incoming) 10 - 4 AWG (outgoing) 10 mm ² - 25 mm ² (incoming, fine wire (with sleeve)) 14 - 6 AWG (outgoing, fine wire (with sleeve)) 14 - 8 AWG (outgoing, fine wire (with sleeve)) 8 - 4 AWG (incoming, fine wire (with sleeve)) 10 mm ² - 35 mm ² (incoming) 2.5 mm ² - 10 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		50 mm ²
Clamp material		Plain Brass
Torque rating		3.5 Nm - 5 Nm / 31 lbf - 44 lbf (incoming). 3.5 Nm - 5 Nm / 31 lbf - 44 lbf (outgoing)
Cover/door color		Clear (housing body)
Housing color		Light gray (RAL 7035)
Housing material		PC PA66
Design verification as per IEC/EN 61439 - technical data		
Heat deflection temperature		PA66 ≥ 140 °C PC ≥ 120 °C

Additional information		
Comparative tracking index (CTI)		PA66 = 600 V PC = 300 V
Flame classification (UL 94)		V-2 (PC) V-0 (PA66)
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		Four-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	86
Width	mm	160.4
Depth	mm	50.2
Max. rated current	A	160
Number of poles		4
Conductor cross section flexible (fine-strand) with cable end sleeve	mm ²	2.5 - 50
Conductor cross section solid (solid, stranded)	mm ²	2.5 - 50
Number of clamp positions per pole		12
With PE-rail		No
With N-rail		No