

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 <sup>2</sup> - 16 mm <sup>2</sup> (outgoing) 6 mm <sup>2</sup> - 25 mm <sup>2</sup> (outgoing) 6 mm <sup>2</sup> - 16 mm <sup>2</sup> (outgoing, fine wire (with sleeve)) 14 - 4 AWG (outgoing) 8 - 2/0 AWG (incoming) 10 - 4 AWG (outgoing) 10 mm <sup>2</sup> - 25 mm <sup>2</sup> (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 <sup>2</sup> - 35 mm <sup>2</sup> (incoming) 2.5 mm <sup>2</sup> - 10 mm <sup>2</sup> (outgoing, fine wire (with sleeve))
Conductor cross section (solid, solid-strand) - min	2.5 mm <sup>2</sup>
Conductor cross section (solid, solid-strand) - max	50 mm <sup>2</sup>
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 <sup>2</sup>	2.5 - 50
Conductor cross section solid (solid, stranded)	mm <sup>2</sup>	2.5 - 50
Number of clamp positions per pole		12
With PE-rail		No
With N-rail		No