DATASHEET - BPZ-KB-2/1100-ALU

Terminal block, 1-pole, 1100A, 2 output terminals, ALU

Part no.	**BPZ-KB-2/1100-ALU**
	178404
EL Number (Norway)	**2455915**

General specifications	
Product name	Eaton xEnergy Basic other accessory
Part no.	BPZ-KB-2/1100-ALU
EAN	4015081737079
Product Length/Depth	107 millimetre
Product height	202 millimetre
Product width	89.6 millimetre
Product weight	2.034 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	1100 A
Number of poles	Single-pole
Technical Data - Electrical	
Voltage rating at AC Cu (IEC) - max	1000 V AC
Voltage rating at DC Al (IEC) - max	1500 V DC
Voltage rating at DC Cu (IEC) - max	1500 V DC
Rated operation current (Ie) Al (IEC)	900 A
Rated operation current (Ie) Cu (IEC)	1100 A
Technical Data - Mechanical	
Mounting method	Surface mounting Floor standing distribution board Flush mounting
Mounting position	Universal
Material	Aluminum
Degree of protection	IP10
Number of clamp positions per pole	3
Number of clamping units per pole	3
Terminal capacity (single/multi-wire)	50 mm^2 - 300 mm^2 (outgoing) 95 mm^2 - 500 mm^2 (incoming, fine wire (with sleeve)) 95 mm^2 - 500 mm^2 (incoming) 50 mm^2 - 240 mm^2 (outgoing, fine wire (with sleeve)) 1.5 mm^2 - 10 mm^2 (test connection, fine wire (with sleeve)) 1.5 mm^2 - 16 mm^2 (test connection)
Conductor cross section (solid, solid-strand) - min	50 mm^2
Conductor cross section (solid, solid-strand) - max	500 mm^2
Clamp material	Plated Aluminum
Torque rating	80 Nm (incoming). 50 Nm (outgoing). 3 Nm (test connection)
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	As precaution the connections should get retightened regularly.

			Clean and brush the contact surfaces and lubricate them with an appropriate grease. Please pay attention to the common handling guidelines when connecting the aluminium conductors. This power distribution block is suitable for ALU and CU conductors. Nickel plated (hexagon socket set screw, surface finish) Material, hexagon socket set screw: Steel Modular construction, 1-4 pole Systems can be built with several blocks. Save 80% on space used. Save time on wiring. Clicks on base plate.

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 (ecl@ss13-27-40-06-09 [ACO381016])			
Height		mm	202
Width		mm	89.6
Depth		mm	107
Max. rated current		A	1100
Number of poles			1
Conductor cross section flexible (fine-strand) with cable end sleeve		mm^2	50 - 500
Conductor cross section solid (solid, stranded)		mm^2	50 - 500
Number of clamp positions per pole			3
With PE-rail			No
With N-rail			No

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