DATASHEET - BPZ-KB-2/8/125

Terminal block, 1-pole, 125A, 8 output terminals

Part no.	**BPZ-KB-2/8/125**
	178398
EL Number (Norway)	**2455909**

General specifications	
Product name	Eaton xEnergy Basic other accessory
Part no.	BPZ-KB-2/8/125
EAN	4015081737017
Product Length/Depth	51.2 millimetre
Product height	91 millimetre
Product width	27 millimetre
Product weight	0.137 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	125 A
Number of poles	Single-pole
Technical Data - Electrical	
Voltage rating at AC Cu (IEC) - max	690 V AC
Voltage rating at DC Cu (IEC) - max	1000 V DC
Rated peak withstand current	25 kA
Rated operation current (Ie) Cu (IEC)	125 A
Rated short-time withstand current (Icw)	4.2 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	10
Number of clamping units per pole	10
Terminal capacity (single/multi-wire)	2.5 mm^2 - 25 mm^2 (incoming) 1.5 mm^2 - 16 mm^2 (outgoing) 6 mm^2 - 25 mm^2 (incoming, fine wire (with sleeve)) 1.5 mm^2 - 10 mm^2 (outgoing, fine wire (with sleeve)) 10 mm^2 - 35 mm^2 (incoming) 1.5 mm^2 - 16 mm^2 (incoming, fine wire (with sleeve))
Conductor cross section (solid, solid-strand) - min	1.5 mm^2
Conductor cross section (solid, solid-strand) - max	35 mm^2
Clamp material	Brass Plain
Torque rating	2 Nm / 8 Nm (incoming). 2 Nm (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	Zinc 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 DIN-rail or 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	91
Width		mm	27
Depth		mm	51.2
Max. rated current		A	125
Number of poles			1
Conductor cross section flexible (fine-strand) with cable end sleeve		mm^2	1.5 - 25
Conductor cross section solid (solid, stranded)		mm^2	1.5 - 35
Number of clamp positions per pole			10
With PE-rail			No
With N-rail			No

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