DATASHEET - BPZ-KB-2/400

Terminal block, 1-pole, 400A, 2 output terminals

Part no.	**BPZ-KB-2/400**
	178401
EL Number (Norway)	**2455912**

General specifications	
Product name	Eaton xEnergy Basic other accessory
Part no.	BPZ-KB-2/400
EAN	4015081737048
Product Length/Depth	50.2 millimetre
Product height	103 millimetre
Product width	44.4 millimetre
Product weight	0.585 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	400 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	50 kA
Rated operation current (Ie) Cu (IEC)	400 A
Rated short-time withstand current (Icw)	21 kA
Technical Data - Mechanical	
Mounting method	Surface mounting Floor standing distribution board Flush mounting
Mounting position	Universal
Degree of protection	IP10
Number of clamp positions per pole	3
Number of clamping units per pole	3
Terminal capacity (single/multi-wire)	70 mm^2 - 185 mm^2 (incoming, fine wire (with sleeve)) 1 - 4/0 AWG (outgoing) 95 mm^2 - 240 mm^2 (incoming) 35 mm^2 - 95 mm^2 (outgoing, fine wire (with sleeve)) 2/0 - 6/0 AWG (incoming, fine wire (with sleeve)) 50 mm^2 - 120 mm^2 (outgoing) 3/0 - 350 MCM AWG (incoming) 2 - 3/0 AWG (outgoing, fine wire (with sleeve))
Conductor cross section (solid, solid-strand) - min	50 mm^2
Conductor cross section (solid, solid-strand) - max	240 mm^2
Clamp material	Plain Brass
Torque rating	25 Nm / 221.2 lbf (incoming). 19 Nm / 168.1 lbf (outgoing). Allen key 8 mm
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	103
Width		mm	44.4
Depth		mm	50.2
Max. rated current		A	400
Number of poles			1
Conductor cross section flexible (fine-strand) with cable end sleeve		mm^2	35 - 185
Conductor cross section solid (solid, stranded)		mm^2	50 - 240
Number of clamp positions per pole			3
With PE-rail			No
With N-rail			No

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