

Terminal block, 4 poles, 125A



Part no. BPZ-KB-8/125
289968
EL Number 2456092
(Norway)

General specifications	
Product name	Eaton xEnergy Basic other accessory
Part no.	BPZ-KB-8/125
EAN	4015082899684
Product Length/Depth	49 millimetre
Product height	74.5 millimetre
Product width	98 millimetre
Product weight	0.32 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	Four-pole
Technical Data - Electrical	
Voltage rating at AC Cu (IEC) - max	690 V AC
Voltage rating at DC Cu (IEC) - max	690 V DC
Rated peak withstand current	24 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	18
Number of clamping units per pole	9
Terminal capacity (single/multi-wire)	6 mm ² - 35 mm ² (incoming) 1.5 mm ² - 10 mm ² (N outgoing) 4 mm ² - 16 mm ² (L1-L3 outgoing) 4 mm ² - 16 mm ² (outgoing) 1.5 mm ² - 6 mm ² (L1-L3 outgoing) 4 mm ² - 16 mm ² (outgoing, fine wire (with sleeve) N) 1.5 mm ² - 6 mm ² (outgoing, fine wire (with sleeve) L1 - L3) 6 mm ² - 25 mm ² (incoming, fine wire (with sleeve)) 4 mm ² - 16 mm ² (N outgoing) 1.5 mm ² - 6 mm ² (outgoing) 4 mm ² - 10 mm ² (outgoing, fine wire (with sleeve) N) 4 mm ² - 10 mm ² (outgoing, fine wire (with sleeve) L1 - L3)
Conductor cross section (solid, solid-strand) - min	1.5 mm ²
Conductor cross section (solid, solid-strand) - max	35 mm ²
Clamp material	Plain Brass
Torque rating	1.5 Nm (incoming). 0.8 Nm / 1.5 Nm (outgoing)
Cover/door color	Blue (Housing body)
Housing color	Light gray (RAL 7035)
Housing material	PC 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 (PA66) V-2 (PC)
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 (ecl@ss13-27-40-06-09 [AC0381016])			
Height		mm	74.5
Width		mm	98
Depth		mm	49
Max. rated current		A	125
Number of poles			4
Conductor cross section flexible (fine-strand) with cable end sleeve		mm ²	1.5 - 35
Conductor cross section solid (solid, stranded)		mm ²	1.5 - 35
Number of clamp positions per pole			18
With PE-rail			No
With N-rail			No