

Terminal block, 4 poles, 125A

Part no. BPZ-KB-9/125
102718
EL Number 2459294
(Norway)

General specifications	
Product name	Eaton xEnergy Basic other accessory
Part no.	BPZ-KB-9/125
EAN	4015081025787
Product Length/Depth	48 millimetre
Product height	93 millimetre
Product width	88.5 millimetre
Product weight	0.31 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	1500 V DC
Rated peak withstand current	29 kA
Rated operation current (Ie) Cu (IEC)	125 A
Rated short-time withstand current (Icw)	4.2 kA
Technical Data - Mechanical	
Mounting method	Floor standing distribution board Flush mounting Surface mounting
Mounting position	Universal
Degree of protection	IP20
Number of clamp positions per pole	9
Number of clamping units per pole	10
Terminal capacity (single/multi-wire)	6 mm ² - 35 mm ² (incoming) 1.5 mm ² - 10 mm ² (outgoing, fine wire (with sleeve)) 1.5 mm ² - 16 mm ² (outgoing) 6 mm ² - 25 mm ² (incoming, fine wire (with sleeve))
Conductor cross section (solid, solid-strand) - min	2.5 mm ²
Conductor cross section (solid, solid-strand) - max	35 mm ²
Clamp material	Plain Brass
Torque rating	1.5 Nm
Cover/door color	Clear (housing body)
Housing color	Light gray (RAL 7035)
Housing material	PA66 PC
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-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)

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 (ec1@ss13-27-40-06-09 [AC0381016])		
Height	mm	93
Width	mm	88.5
Depth	mm	48
Max. rated current	A	125
Number of poles		4
Conductor cross section flexible (fine-strand) with cable end sleeve	mm ²	2.5 - 35
Conductor cross section solid (solid, stranded)	mm ²	2.5 - 35
Number of clamp positions per pole		9
With PE-rail		No
With N-rail		No