



## Eaton 102718

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 4 poles, 125A, 9 positions

### General specifications

<b>PRODUCT NAME</b>	Eaton xEnergy Basic other accessory
<b>CATALOG NUMBER</b>	102718
<b>EAN</b>	4015081025787
<b>PRODUCT LENGTH/DEPTH</b>	48 mm
<b>PRODUCT HEIGHT</b>	93 mm
<b>PRODUCT WIDTH</b>	88.5 mm
<b>PRODUCT WEIGHT</b>	0.31 kg
<b>COMPLIANCES</b>	RoHS conform
<b>CERTIFICATIONS</b>	IEC 60 947 -7 -1
<b>MODEL CODE</b>	BPZ-KB-9/125

## Delivery program

**AMPERAGE RATING** 125 A

**NUMBER OF POLES** Four-pole

## Technical data - electrical

**VOLTAGE RATING AT AC  
CU (IEC) - MAX** 690 VAC

**VOLTAGE RATING AT DC  
CU (IEC) - MAX** 1500 VDC

**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

<b>MOUNTING METHOD</b>	Floor standing distribution board Flush mounting Surface mounting
<b>MOUNTING POSITION</b>	Universal
<b>NUMBER OF CLAMP POSITIONS PER POLE</b>	9
<b>NUMBER OF CLAMPING UNITS PER POLE</b>	10
<b>TERMINAL CAPACITY (SINGLE/MULTI-WIRE)</b>	6 mm <sup>2</sup> - 35 mm <sup>2</sup> (incoming) 1.5 mm <sup>2</sup> - 10 mm <sup>2</sup> (outgoing, fine wire (with sleeve)) 1.5 mm <sup>2</sup> - 16 mm <sup>2</sup> (outgoing) 6 mm <sup>2</sup> - 25 mm <sup>2</sup> (incoming, fine wire (with sleeve))
<b>CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MIN</b>	2.5 mm <sup>2</sup>
<b>CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MAX</b>	35 mm <sup>2</sup>
<b>CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MIN</b>	2.5 mm <sup>2</sup>
<b>CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX</b>	35 mm <sup>2</sup>
<b>CLAMP MATERIAL</b>	Plain Brass
<b>TORQUE RATING</b>	1.5 Nm
<b>COVER/DOOR COLOR</b>	Clear (housing body)
<b>HOUSING COLOR</b>	Light gray (RAL 7035)
<b>HOUSING MATERIAL</b>	PA66 PC

## Design verification as per IEC/EN 61439 - technical data

<b>HEAT DEFLECTION TEMPERATURE</b>	PA66 ≥ 140 °C PC ≥ 120 °C
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## 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)

## Resurse

DESENE [eaton-xenergy-basic-terminal-block-dimensions-026.eps](#)

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATA:**



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