

INDUSTRIAL COMPONENT DATA

BPZ-KB-10/175-ALU 102707 Y7-102707 EATON ELECTRIC
Terminal block 1 pole, 175A, 10 output terminals, ALU

Brand: EATON - MOELLER | Manufacturer Part Number: BPZ-KB-10/175-ALU



Manufacturer	EATON - MOELLER
MPN / Reference	BPZ-KB-10/175-ALU
Catalog number	Y7-102707
Category	Distributor assembly terminal blocks
Minimum order	1 Pcs
Document ID	EO-8232C450BF
Generated	2026-08-05

Product Overview

Terminal block 1 pole, 175A, 10 output terminals, ALU

BPZ-KB-10/175-ALU

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 1 pole, 175A, 10 output terminals, ALU 1-pole terminal block, BPZ-KB-...-ALU, aluminum construction, rated operational current 175 A, mounting on DIN-rail or mounting plate, UL-listed, makes wiring less time-consuming, ca. 80% less space is required. Module design, 1-pole to 4-pole systems can be assembled by using multiple blocks. Degree of protection IP20, max. operational voltage 1000 V AC , 1500 VDC. Equipment supplied: 1 1 pole terminal block

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path EATON - MOELLER > Enclosures

Additional Product Information

General specifications

Product Name Eaton xEnergy Basic LV systems Low voltage switchgear Catalog Number 102707 Model Code BPZ-KB-10/175-ALU EAN 4015081025671 Product Length/Depth 43 mm Product Height 71 mm Product Width 45 mm Product Weight 0.245 kg Compliances RoHS conform Certifications IEC 60 947 -7 -1 Delivery program

Amperage rating 175 A Number of poles Single-pole Technical data - electrical

Voltage rating at AC Al (IEC) - max 1000 VAC Voltage rating at AC Cu (IEC) - max 1000 VAC Voltage rating at DC Al (IEC) - max 1500 VDC Voltage rating at DC Cu (IEC) - max 1500 VDC Rated peak withstand current 30 kA Rated operation current (Ie) Al (IEC) 125 A Rated operation current (Ie) Cu (IEC) 175 A Rated short-time withstand current (Icw) 11 kA

Technical data - mechanical

Mounting method Surface mounting

Flush mounting

Floor standing distribution board Mounting position Universal Material Aluminum Number of clamp positions per pole 11

Number of clamping units per pole 11 Terminal capacity (single/multi-wire) 16 mm² - 50 mm² (incoming, fine wire (with sleeve))

2.5 mm² - 10 mm² (outgoing, fine wire (with sleeve))

14 - 6 AWG (outgoing)

16 mm² - 70 mm² (incoming)

2.5 mm² - 16 mm² (outgoing)

6 - 1 AWG (incoming, fine wire (with sleeve))

6 - 2/0 AWG (incoming)

14 - 8 AWG (outgoing, fine wire (with sleeve)) Conductor cross section (flexible, fine-strand) with cable end sleeve - min 2.5 mm² Conductor cross section (flexible, fine-strand) with cable end sleeve - max 70 mm² Conductor cr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / BPZ-KB-10/175-ALU with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.