

INDUSTRIAL COMPONENT DATA

BPZ-KB-1/175-ALU 102709 Y7-102709 EATON ELECTRIC

Terminal block 1 pole, 175A, 1 output terminal, ALU

Brand: EATON - MOELLER | Manufacturer Part Number: BPZ-KB-1/175-ALU



Manufacturer	EATON - MOELLER
MPN / Reference	BPZ-KB-1/175-ALU
Catalog number	Y7-102709
Category	Distributor assembly terminal blocks
Minimum order	1 Pcs
Document ID	EO-FA0DDF9A13
Generated	2026-08-06

Product Overview

Terminal block 1 pole, 175A, 1 output terminal, ALU

BPZ-KB-1/175-ALU

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 1 pole, 175A, 1 output terminal, 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 102709 Model Code BPZ-KB-1/175-ALU EAN 4015081025695 Product Length/Depth 49.4 mm Product Height 72.5 mm Product Width 25.4 mm Product Weight 0.133 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 Al (UL) - max 600 VAC Voltage rating at AC Cu (IEC) - max 1000 VAC Voltage rating at AC Cu (UL) - max 600 VAC Voltage rating at DC Al (IEC) - max 1500 VDC Voltage rating at DC Cu (IEC) - max 1500 VDC Rated operation current (Ie) Al (IEC) 125 A Rated operation current (Ie) Cu (IEC) 175 A Rated operation current (Ie) Cu (UL) 175 A Rated short-circuit strength 100 kA with back-up fuse Technical data -

mechanical

Mounting method Surface mounting

Floor standing distribution board

Flush mounting Mounting position Universal Material Aluminum Number of clamp positions per pole 2 Number of clamping units per pole 2 Terminal capacity (single/multi-wire) 6 - 1 AWG (outgoing, fine wire (with sleeve))

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

6 - 2/0 AWG (incoming)

16 mm² - 70 mm² (incoming)

16 mm² - 70 mm² (outgoing)

6 - 2/0 AWG (outgoing)

16 mm² - 50 mm² (incoming, fine wire (with sleeve))

16 mm² - 50 mm² (outgoing, fine wire (with sleeve)) Conductor cross section (flexible, fine-strand) with cable end sleeve - min 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / BPZ-KB-1/175-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.