INDUSTRIAL COMPONENT DATA

EEM-MB371-EIP 2907976 PHOENIX CONTACT Multi-functional energy measuring device without display with direct R..

Brand: PHOENIX CONTACT | Manufacturer Part Number: EEM-MB371-EIP



Manufacturer	PHOENIX CONTACT
MPN / Reference	EEM-MB371-EIP
Catalog number	2907976
Category	Multifunction measuring instrument
Minimum order	1 Pcs
Document ID	EO-BFAB421290
Generated	2026-11-18

Product Overview

Multi-functional energy measuring device without display with direct Rogowski connection and integrated Modbus/TCP and EtherNet/IP™ interface for measuring electrical parameters in low-voltage installations up to 690 V.

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > INTERFACE Components (IF)

Additional Product Information

Key Commercial Data
Orderkey 2907976
Packing unit 1 pc
Catalog page Page 203 (C-5-2019)
GTIN 4055626718156
Weight per Piece (excluding packing) 0.000 g
Custom tariff number 90303100
Country of origin DE (Germany)
Dimensions
Input data
General
Connection data 2
Standards and Regulations
Classifications

Ambient conditions
Output data
Connection data
UL data
Environmental Product Compliance
Dimensions
Width 90 mm
Height 80 mm
Depth 82 mm
Back to topAmbient conditions
Ambient temperature (operation) -10 °C ... 55 °C
Ambient temperature (storage/transport) -40 °C ... 70 °C
Maximum altitude <= 2000 m
Max. permissible relative humidity (operation) <= 95 % (non-condensing)
Max. salt spray content <= 2.5 %
Degree of protection IP20 (Housing)
Back to topInput data
Measuring principle True r.m.s. value measurement
Acquisition of harmonics up to 63rd harmonic
Measured value AC sine (50/60 Hz)
Input name Voltage measuring input V1, V2, V3
Input voltage range 35 V AC ... 690 V AC (Phase/Phase)
20 V AC ... 400 V AC (Phase/neutral conductor)
60 V AC ... 2000000 V AC (primary)
60 V AC ... 400 V AC (secondary)
Surge voltage capacity 760 V AC
Precision 0.2 %
Input name Current measurement RC1, RC2, RC3
Input current 4000 A
Response threshold from measuring range nominal value 5 A
Precision < 1 %
1 %
Reactive power (IEC 62053-23) Class 2
Description of the input Digital input in accordance with IEC/EN 61131-2 (type 3)
Number 1
Voltage input signal 0 V DC ... 30 V DC
Current input signal 2 mA ... 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EEM-MB371-EIP 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

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