

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
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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 top](#)Ambient 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 top](#)Input 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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