

INDUSTRIAL COMPONENT DATA

EEM-MA770-R 2907944 PHOENIX CONTACT Multi-functional energy measuring device with integrated Modbus RTU/TCP ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: EEM-MA770-R



Manufacturer	PHOENIX CONTACT
MPN / Reference	EEM-MA770-R
Catalog number	2907944
Category	Multifunction measuring instrument
Minimum order	1 Pcs
Document ID	EO-AFA914F1E8
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Product Overview

Multi-functional energy measuring device with integrated Modbus RTU/TCP 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)
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Additional Product Information

Key Commercial Data

Orderkey 2907944

Packing unit 1 pc

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GTIN 4055626261089

Weight per Piece (excluding packing) 0.000 g

Custom tariff number 90303100

Country of origin DE (Germany)

Dimensions

Input data

General

Connection data 2

UL data

Environmental Product Compliance

Ambient conditions

Output data

Connection data

Connection data 3

Standards and Regulations

Classifications

Dimensions

Width 96 mm

Height 96 mm

Depth 58 mm

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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)

Degree of protection IP54 (Display (+ EEM-MA-IP))

IP20 (Housing)

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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 (Phase/Phase)

Precision 0.2 %

Input name Current measurement I1, I2, I3

Input current 1 A (secondary)

5 A (secondary)

Current measuring range 1 A ... 20000 A (primary)

Overload capacity 6 A (Imax)

Response threshold from measuring range nominal value 10 mA (1 A)

Precision 0.2 %

Current overload 50 A for 1 s

Precision 0.5 %

Active energy (IEC 6...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EEM-MA770-R with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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