

INDUSTRIAL COMPONENT DATA

EEM-MA770 2907945 PHOENIX CONTACT Multi-functional energy measuring device with integrated Modbus/TCP interf..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	EEM-MA770
Catalog number	2907945
Category	Multifunction measuring instrument
Minimum order	1 Pcs
Document ID	EO-D4E039A21F
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Product Overview

Multi-functional energy measuring device with integrated Modbus/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)

Additional Product Information

Key Commercial Data

Orderkey 2907945

Packing unit 1 pc

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GTIN 4055626260389

Weight per Piece (excluding packing) 540.000 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 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 (TRMS)

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 62053-22)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

GLOBAL OFFICES

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