INDUSTRIAL COMPONENT DATA

EEM-MA770-PN 2907946 PHOENIX CONTACT Multifunctional energy measuring device with integrated Modbus/TCP and ..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	EEM-MA770-PN
Catalog number	2907946
Category	Multifunction measuring instrument
Minimum order	1 Pcs
Document ID	EO-16EE1123AA
Generated	2026-11-19

Product Overview

Multifunctional energy measuring device with integrated Modbus/TCP and PROFINET 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 2907946
Packing unit 1 pc
Catalog page Page 202 (C-5-2019)
GTIN 4055626260372
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 96 mm
Height 96 mm
Depth 75 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)
Degree of protection IP54 (Display (+ EEM-MA-IP))
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 (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) Class 0.5...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EEM-MA770-PN 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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