INDUSTRIAL COMPONENT DATA

EEM-MA770-EIP 2907953 PHOENIX CONTACT Multifunctional energy measuring device with integrated Modbus/TCP and..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	EEM-MA770-EIP
Catalog number	2907953
Category	Multifunction measuring instrument
Minimum order	1 Pcs
Document ID	EO-DBD87FA40F
Generated	2026-11-18

Product Overview

Multifunctional energy measuring device with 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

Technical dataProduct propertiesProduct type Energy measuring device
Product family EMpro
Data management status
Article revision 08
Electrical propertiesMaximum power dissipation for nominal condition 10 VA
Mains type 3-phase (3 or 4-conductor), 2-phase (2-conductor), and single-phase (1-conductor)
Electrical isolation
Test voltage 4 kV AC (50 Hz, 60 s)
Pollution degree 2
Electrical isolation Housing against all potentials IEC 61010-1
Standards/regulations IEC 61010-1
Overvoltage category III (300 V AC)
II (600 V AC)
Insulation Reinforced insulation

Electrical isolation Supply against all other potentials IEC 61010-1
Standards/regulations IEC 61010-1
Overvoltage category III (300 V AC)
II (600 V AC)
Insulation Reinforced insulation
Electrical isolation Voltage measurement input against all other potentials IEC 61010-1
Standards/regulations IEC 61010-1
Measuring category III (300 V AC)
II (600 V AC)
Insulation Reinforced insulation
Electrical isolation Current measurement input against all other potentials
Insulation Functional insulation
Electrical isolation Digital I/Os
Insulation Functional insulation
Electrical isolation Communication interface
Insulation Functional insulation
Supply
Supply voltage range 100 V AC ... 400 V AC (±20 %)
150 V DC ... 250 V DC (±20 %)
Power consumption <= 4 W
Nominal frequency 50 Hz ... 60 Hz (AC sine)
Input dataGeneral
Measuring principle True RMS value measurement (TRMS)
Measured value AC sine (50 Hz/60 Hz)
Acquisition of harmonics up to 63r...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

GLOBAL OFFICES

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