

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-22867D6CFE
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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)
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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 ($\pm 20\%$)
150 V DC ... 250 V DC ($\pm 20\%$)
Power consumption ≤ 4 W
Nominal frequency 50 Hz ... 60 Hz (AC sine)
Input data General
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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