

**INDUSTRIAL COMPONENT DATA**

# EEM-MA771-R 2908285 PHOENIX CONTACT Multi-functional energy measuring device with direct Rogowski connection..

Brand: PHOENIX CONTACT | Manufacturer Part Number: EEM-MA771-R



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | PHOENIX CONTACT                    |
| MPN / Reference | EEM-MA771-R                        |
| Catalog number  | 2908285                            |
| Category        | Multifunction measuring instrument |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-264A24E6BF                      |
| Generated       | 2026-08-01                         |

## Product Overview

Multi-functional energy measuring device with direct Rogowski connection and 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 &gt; INTERFACE Components (IF)

## Additional Product Information

Key Commercial Data

Orderkey 2908285

Packing unit 1 pc

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GTIN 4055626471952

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

[Back to top](#)Ambient 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 top](#)Input 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 RC1, RC2, RC3

Input current 4000 A

Response threshold from measuring range nominal value 5 A

Precision < 1 %

1 %

Reactive power (IEC 62053-23) Class 2

Description of the input Digital input in accordance with IEC/EN 61131-2 (type 3)

Number 1

Voltage input signal 0 V DC ... 30 V DC

Cu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EEM-MA771-R with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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