INDUSTRIAL COMPONENT DATA

EEM-EM355 2908578 PHOENIX CONTACT Measuring instrument

Brand: PHOENIX CONTACT | Manufacturer Part Number: EEM-EM355



Manufacturer	PHOENIX CONTACT
MPN / Reference	EEM-EM355
Catalog number	2908578
Category	Multifunction measuring instrument
Minimum order	1 Pcs
Document ID	EO-A7F8D27543
Generated	2026-11-18

Product Overview

Measuring instrument
Three-phase energy meter for measuring active power with 1 A / 5 A transformer measurement in networks up to 500 V, with S0 output, with digital input and RS-485 interface, certified according to the MID directive
3-phase energy meter for active power measurement with current transformer measurement 1 A/5 A in grids of up to 500 V, with S0 output, with digital input and RS-485 interface, certified in accordance with the MID directive

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 meter
Data management status
Article revision 04
Insulation characteristics
Protection class II (EN 50470-1)
Insulation characteristics
Pollution degree 2
Electrical propertiesElectric strength 6 kV
4 kV (EN 50470-3, 7.2)
Supply
Supply voltage range Supply from the measuring circuit

Input dataMeasurement
Input voltage range 3x 184 V ... 288 V (320 V ... 500 V)
Input current range up to transformer ratio 10000
Power consumption 3.5 VA (1 W)
Frequency range 45 Hz ... 65 Hz
Start current Ist 0.002 A
Minimal current Imin 0.01 A
Maximum current Imax 6 A
Transient current Itr 0.05 A
Nominal current Iref 1 A
Secondary rated current Isn 1 A
5 A
Current transformer ratio 1 ... 10000 (max. 10000/1 or 50000/5)
Current transformer load 1.5 m?
Energy (EN 50470-3) Class B
Real energy (IEC 62053-21) Class 1
Reactive power (IEC 62053-23) Class 2
Digital
Description of the input Active opto-isolated
Input voltage range 80 V AC/DC ... 276 V AC/DC
Output dataS0 output
Output description Passive opto-isolated
Maximum switching voltage 27 V DC
Max. switching current 27 mA
Pulse time 50 ms ±2 ms
Pause time 30 ms ±2 ms
Pulse LED 10000 imp/kWh
Meter constant 100 imp/kWh, kVAh, kvarh
1000 imp/kWh, kVAh, kvarh (CT 1 ... 4)
200 imp/kWh, kVAh, kvarh (CT 5 ... 24)
40 imp/kWh, kVAh, kvarh (CT 25 ... 124)
8 imp/kWh, kVAh, kvarh (CT 125 ... 624)
1 imp/kWh, kVAh, kvarh (CT 625 ... 3124)
0.1 imp/kWh, kVAh, kvarh (CT 3125 ... 10000)
Connection dataMeasuremen...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EEM-EM355 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.