

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
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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 I_{st} 0.002 AMinimal current I_{min} 0.01 AMaximum current I_{max} 6 ATransient current I_{tr} 0.05 ANominal current I_{ref} 1 ASecondary rated current I_{sn} 1 A

5 A

Current transformer ratio 1 ... 10000 (max. 10000/1 or 50000/5)

Current transformer load 1.5 mV

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 $\pm$ 2 msPause time 30 ms $\pm$ 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

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