

Measuring instrument - EEM-EM355 - 2908578

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



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4055626338231
Weight per Piece (excluding packing)	382.600 g
Custom tariff number	85371098
Country of origin	Italy

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 75 °C
Max. permissible relative humidity (operation)	80 %

Input data

Designation	Measuring input
Input voltage range	3x 184 V ... 288 V (320 V ... 500 V)
Power consumption	3.5 VA (1 W)
Frequency range	45 Hz ... 65 Hz
Energy (EN 50470-3)	Class B
Real energy (IEC 62053-21)	Class 1
Reactive power (IEC 62053-23)	Class 2
Designation	Digital input
Description of the input	Active opto-isolated
Input voltage range	80 V AC/DC ... 276 V AC/DC

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Output data

Designation	S0 output
Output description	Passive opto-isolated
Maximum switching voltage	27 V DC
Max. switching current	27 mA

Communication interface

Communication standard	RS-485
Transmission speed range	300 bps ... 57600 bps
Parity	odd, even, none
Stop bit	1
	2

General data

Degree of protection	IP51 (Front)
	IP20 (Connections)
Protection class	II (EN 50470-1)
Electric strength	6 kV
	4 kV (EN 50470-3, 7.2)

Connection data

Connection name	Measurement connection
Connection method	Screw connection
Conductor cross section solid	1.5 mm ² ... 6 mm ²
Tightening torque max	1.5 Nm
Connection name	Other connections
Connection method	Screw connection
Conductor cross section solid	0.14 mm ² ... 2.5 mm ²
Tightening torque max	0.5 Nm

Standards and Regulations

MID	MID-compliant
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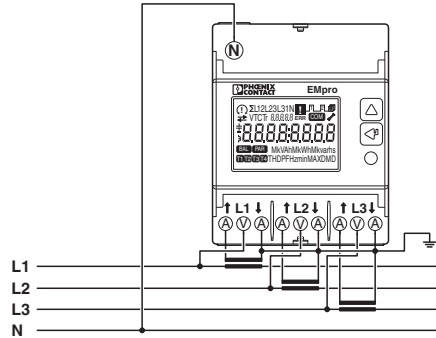
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

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Connection diagram



Classifications

eCl@ss

eCl@ss 5.0	27200307
eCl@ss 5.1	27200307
eCl@ss 6.0	27200307
eCl@ss 7.0	27200307
eCl@ss 8.0	27142330
eCl@ss 9.0	27142330

ETIM

ETIM 4.0	EC002308
ETIM 5.0	EC002308
ETIM 6.0	EC002301