


Measuring instrument - EEM-EM325 - 2908576

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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 MBUS interface, certified in accordance with the MID directive.



Key Commercial Data

Packing unit	1 pc
GTIN	 4 0 5 5 6 2 6 3 3 8 2 2 4
GTIN	4055626338224
Weight per Piece (excluding packing)	382.200 g
Weight per piece (including packing)	382.200 g
Custom tariff number	90283019
Country of origin	Italy

Technical data

Dimensions

Width	72 mm
	72 mm
Height	90 mm
	90 mm
Depth	67 mm
	67 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 75 °C
Max. permissible relative humidity (operation)	80 %
Degree of protection	IP51 (Front)
	IP20 (Connections)

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Technical data

Input data

Designation	Measuring input
Input voltage range	3x 184 V ... 288 V (320 V ... 500 V)
Power consumption	7.5 VA (0.5 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

Output data

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

Communication interface

Communication protocol	M-Bus
Communication standard	EN 13757-1-2-3
Transmission speed range	300 bps ... 9600 bps

General

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	1.5 Nm

Connection data 2

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

Standards and Regulations

Standards/specifications	EN 50470-1 EN 50470-3
Conformance	CE-compliant

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Technical data

Standards and Regulations

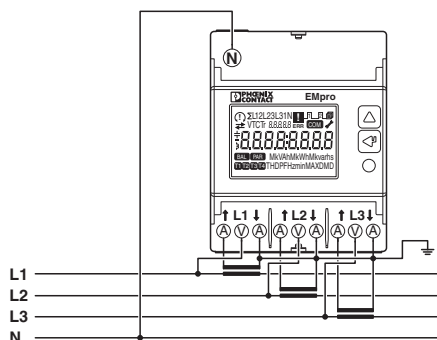
MID	MID-compliant
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Environmental Product Compliance

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

Drawings

Connection diagram



Classifications

eCl@ss

eCl@ss 10.0.1	27142330
eCl@ss 11.0	27142330
eCl@ss 5.0	27200307
eCl@ss 5.1	27200307
eCl@ss 6.0	27142300
eCl@ss 7.0	27142330
eCl@ss 9.0	27142330

ETIM

ETIM 4.0	EC002308
ETIM 6.0	EC002301
ETIM 7.0	EC002301

Approvals

Approvals

Approvals

EAC / MID

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Approvals

Ex Approvals

Approval details

EAC		RU *- DE.A*30.B.01628
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MID	No. 305/MID
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