


Measuring instrument - EEM-EM375 - 2908581

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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, Ethernet 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 4 8
GTIN	4055626338248
Weight per Piece (excluding packing)	460.000 g
Custom tariff number	90283019
Country of origin	Italy

Technical data

Dimensions

Width	72 mm
Height	90 mm
Depth	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)

Input data

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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	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

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	Modbus/TCP
	HTTP
	NTP
	DHCP
	FTP
Communication standard	IEEE 802.3
Connection method	RJ45
Transmission speed range	10 Mbps ... 100 Mbps

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

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Technical data

Connection data 2

Conductor cross section solid	0.14 mm ² ... 2.5 mm ²
Tightening torque	0.5 Nm

Standards and Regulations

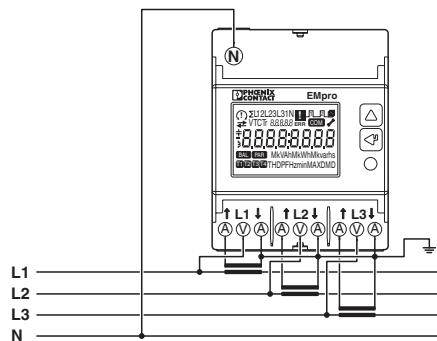
Standards/specifications	EN 50470-1 EN 50470-3
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Environmental Product Compliance

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

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Classifications

ETIM

ETIM 7.0	EC002301
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Approvals

Approvals

Approvals

EAC / MID

Ex Approvals

Approval details

EAC		RU *- DE.A*30.B.01628
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MID	No. 306/MID
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