

MM-EE-EEM-MA550 - Measuring device



1475401

<https://www.phoenixcontact.com/ro/produse/1475401>

Vă rugăm să țineți cont de faptul că datele afișate în acest document PDF au fost generate din catalogul nostru online. Datele complete sunt disponibile în documentația pentru utilizator. În cazul descărcărilor, se aplică Termenii și condițiile generale de utilizare ale companiei noastre.



Multifunctional energy meter for direct measurement of electrical parameters up to 600 V in power grid, support RS-485 communication and 63rd harmonic analysis, operating temperature up to +70°C.

Date comerciale

Număr articol	1475401
Unitate de ambalare	1 Bucată
Cantitate minimă pentru comandă	1 Bucată
Cod produs	CMCC11
GTIN	4063151887766
Greutate pe bucată (inclusiv ambalajul)	394 g
Greutate pe bucată (fără ambalaj)	394 g
Cod tarifar vamal	90283019
Țara de origine	CN

MM-EE-EEM-MA550 - Measuring device



1475401

<https://www.phoenixcontact.com/ro/produse/1475401>

Date tehnice

Product properties

Product type	Energy measuring device
--------------	-------------------------

Electrical properties

Electrical isolation

Pollution degree	2
------------------	---

Supply

Supply voltage range	85 V AC ... 275 V AC
	120 V DC ... 380 V DC
Power consumption	≤ 10 VA
	≤ 2 W
Nominal frequency	50 Hz ... 60 Hz (AC sine)

Input data

General

Measuring principle	True RMS value measurement (TRMS)
Measured value	AC sine (50 Hz/60 Hz)
Acquisition of harmonics	up to 63rd harmonic

Measurement: Voltage

Input voltage range	87 V AC ... 600 V AC (Phase/phase (direct))
Frequency range	50 Hz ... 60 Hz (45 Hz ... 65 Hz)
Precision	0.2 %

Measurement: Current

Input current	1 A (secondary)
	5 A (secondary)
Measuring range	1 A ... 9999 A (primary)

Measurement: Power

Active energy (IEC 62053-22)	Class 0.5 S
Reactive power (IEC 62053-23)	Class 2

Connection data

Current/voltage/power supply

Connection method	Screw connection
Stripping length	7 mm
Screw thread	M3
Conductor cross section rigid	0.2 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	28 ... 12

MM-EE-EEM-MA550 - Measuring device



1475401

<https://www.phoenixcontact.com/ro/produse/1475401>

Tightening torque	0.5 Nm
-------------------	--------

RS485

Connection method	Screw connection
Stripping length	7 mm
Screw thread	M2
Conductor cross section rigid	0.5 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.5 mm ² ... 1.5 mm ²
Conductor cross section AWG	28 ... 16
Tightening torque	0.2 Nm

RS-485

Connection method	Screw connection
Screw thread	M3

Interfaces

Data: Network interface

Communication protocol	Modbus/RTU
Communication standard	RS-485
Transmission speed range	2400 bps ... 38400 bps
Parity	odd, even, none

Dimensions

Width	96 mm
Height	96 mm
Depth	73.4 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP51 (Front) IP20 (Connections)
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	≤ 2000 m
Max. permissible relative humidity (operation)	≤ 95 % (non-condensing)

Approvals

CE

Certificate	CE-compliant
-------------	--------------

UKCA

Certificate	UKCA-compliant
-------------	----------------

Mounting

MM-EE-EEM-MA550 - Measuring device



1475401

<https://www.phoenixcontact.com/ro/produse/1475401>

Mounting type	Panel mount
Mounting position	Front panel installation, horizontal

MM-EE-EEM-MA550 - Measuring device



1475401

<https://www.phoenixcontact.com/ro/produse/1475401>

Clasificări

ECLASS

ECLASS-11.0	27142330
ECLASS-12.0	27142330
ECLASS-13.0	27142330

ETIM

ETIM 9.0	EC002301
----------	----------

MM-EE-EEM-MA550 - Measuring device



1475401

<https://www.phoenixcontact.com/ro/produse/1475401>

Environmental product compliance

EU RoHS

Îndeplinește cerințele conform directivei RoHS	Da, Nicio reglementare privind excepțiile
--	---

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	Nu există substanțe periculoase peste valorile limită

EU REACH SVHC

Trimitere la substanța candidată REACH (nr. CAS)	Nicio substanță cu un procentaj masic mai mare de 0,1 %
--	---

Phoenix Contact 2025 © - Toate drepturile rezervate
<https://www.phoenixcontact.com>

PHOENIX CONTACT România
Splaiul Unirii 165 Timpuri Noi Square TNO1, Etaj 1
București 030133
+40 21 350 88 12 - 3
sales.ro@phoenixcontact.com