

EEM-IMP-MA600 - Function module



2904313

<https://www.phoenixcontact.com/us/products/2904313>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Function module with two pulse outputs for the EEM-MA600



Commercial data

Item number	2904313
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C446
Product key	CMMC12
GTIN	4046356804257
Weight per piece (including packing)	128 g
Weight per piece (excluding packing)	128 g
Customs tariff number	90309000
Country of origin	HU

Technical data

Product properties

Insulation characteristics

Overvoltage category	III
Pollution degree	2

Electrical properties

Rated insulation voltage	300 V AC (EN 61010-1)
Electrical isolation	EN 61010-1 (Safe isolation)
	EN 61010-1 (Safe isolation)
	EN 61010-1 (Basic insulation)
Test voltage	3.5 kV AC (50 Hz, 1 min.)
	2.2 kV AC (50 Hz, 1 min.)
Maximum power dissipation for nominal condition	20 VA

Supply

Supply voltage	9 V (via EEM-MA600)
----------------	---------------------

Output data

Output description	Relay output
Number	2
Maximum switching voltage	100 V DC
Switching power	10 VA (0.5 A)

Connection data

Connection method	COMBICON plug-in screw terminal block
Stripping length	6 mm
Conductor cross-section rigid	0.5 mm ² ... 2.5 mm ²
Conductor cross-section flexible	0.5 mm ² ... 2.5 mm ²
Conductor cross-section AWG	20 ... 14
Tightening torque	0.4 Nm ... 0.4 Nm

Interfaces

Data

Connection method	Pluggable screw terminal block
-------------------	--------------------------------

Data

Connection method	Pluggable screw terminal block
-------------------	--------------------------------

Dimensions

Width	22.5 mm
Height	65 mm
Depth	48 mm

EEM-IMP-MA600 - Function module



2904313

<https://www.phoenixcontact.com/us/products/2904313>

Material specifications

Color	black (RAL 9005)
-------	------------------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-10 °C ... 55 °C (14 °F ... 131 °F)
Ambient temperature (storage/transport)	-20 °C ... 85 °C (-4 °F ... 185 °F)
Max. permissible relative humidity (operation)	≤ 95 %
Max. salt spray content	≤ 2.5 %

Approvals

CE

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

UL, USA/Canada

Identification	UL 61010-1
	CSA-C22.2 No. 61010-1
	cULus

EEM-IMP-MA600 - Function module



2904313

<https://www.phoenixcontact.com/us/products/2904313>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com