

# EEM-IMP-MA400 - Function module



2904314

<https://www.phoenixcontact.com/us/products/2904314>

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Function module with a pulse or alarm output for the EEM-MA400



## Commercial data

Item number	2904314
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C446
Product key	CMMC12
GTIN	4046356804264
Weight per piece (including packing)	120.7 g
Weight per piece (excluding packing)	119.8 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.)

#### Supply

Supply voltage	9 V (via EEM-MA400)
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### Output data

Output description	Relay output
Number	1
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 <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	20 ... 14
Tightening torque	0.4 Nm ... 0.4 Nm

### Interfaces

#### Data

Connection method	Pluggable screw terminal block
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### Dimensions

Width	22.5 mm
Height	65 mm
Depth	48 mm

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## Material specifications

Color	black (RAL 9005)
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## 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
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### UL, USA/Canada

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

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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