EEM-2DIO-MA600 - Function module

2901371

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Special functional module with two digital inputs and outputs for EEM-MA600



Your advantages

- 2 digital inputs and outputs
- Configurable threshold values

Commercial data

Item number	2901371
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C446
Product key	CMMC12
GTIN	4046356585019
Weight per piece (including packing)	149 g
Weight per piece (excluding packing)	137.8 g
Customs tariff number	90303100
Country of origin	HU

Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area

Product properties

Insulation characteristics

Overvoltage category	III (For mains voltage <300 V AC (L/N))
	II (for mains voltage >300 V AC ... 600 V AC (L/N))
Pollution degree	2

Electrical properties

Electrical isolation	EN 61010-1 (Safe isolation)
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Test voltage	3.5 kV AC (50 Hz, 1 min.)

Supply

Supply voltage	9 V (via EEM-MA600)

Input data

Digital

Description of the input	Optocoupler input
Number	2
Voltage input signal	10 V DC ... 30 V DC
Input pulse length	10 ms
Peak offstate voltage	30 V DC

Output data

Output description	Relay output
Number	2
Maximum switching voltage	250 V AC/DC
Switching power	1150 VA (5 A / 230 V AC)
Electrical service life	1 x 10^6 (Switching cycles with ohmic load)

Connection data

Connection method	COMBICON plug-in screw terminal block
Stripping length	6 mm
Conductor cross-section rigid	0.5 mm² ... 2.5 mm²
Conductor cross-section flexible	0.5 mm² ... 2.5 mm²
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

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

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%

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