



Automatización Eléctrica
Especialistas en Automatización

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Special function module - EEM-2DIO-MA600 - 2901371

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



Why buy this product

- Two digital inputs and outputs
- Configurable threshold values

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 585019

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	22.5 mm
Height	65 mm
Depth	48 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-10 °C ... 55 °C (14 °F to 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 %

Input data

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

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Output data

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

Interfaces

Connection method	Pluggable screw terminal block
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General

Supply voltage	9 V (via EEM-MA600)
Color	black
Conformance	CE-compliant
Rated insulation voltage at mains voltage < 300 V AC (L/N)	III
Rated insulation voltage at mains voltage > 300 V AC - 600 V AC (L/N)	II
Test voltage	3.5 kV AC (50 Hz, 1 min.)

Connection data

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

Standards and Regulations

Conformance	CE-compliant
UL, USA / Canada	UL 61010-1
	CSA-C22.2 No. 61010-1
	cULus

Classifications

eCl@ss

eCl@ss 4.0	27210902
eCl@ss 4.1	27210902
eCl@ss 5.0	27210902
eCl@ss 5.1	27371801
eCl@ss 6.0	27371801
eCl@ss 7.0	27371801

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Classifications

eCl@ss

eCl@ss 8.0	27242204
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ETIM

ETIM 3.0	EC001505
ETIM 4.0	EC001438
ETIM 5.0	EC001419

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121535
UNSPSC 11	39121535
UNSPSC 12.01	39121535
UNSPSC 13.2	39121535

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Listed

cUL Listed

EAC

cULus Listed

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



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Product	Code	Reference	Product link
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