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Communication module - EEM-ETH-RS485-MA600 - 2901374

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Gateway RS-485/Ethernet communication module for the EEM-MA600 with integrated web server

Why buy this product

- Ethernet/RS-485 gateway
- Modbus/RTU master for up to 246 slaves
- Integrated web server

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 585781

Technical data

Note

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

Width	45 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 %

Interfaces

Designation	Modbus/TCP
Interface	Ethernet (RJ45)
Serial transmission speed	10/100 Mbps

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Technical data

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
eCl@ss 8.0	27242608

ETIM

ETIM 3.0	EC001505
ETIM 4.0	EC001438
ETIM 5.0	EC001604

UNSPSC

UNSPSC 6.01	30211916
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Classifications

UNSPSC

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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Product	Code	Reference	Product link
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