

EEM-ETH-MA600 - Communication module



2901373

<https://www.phoenixcontact.com/us/products/2901373>

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Ethernet communication module for the EEM-MA600 with integrated web server



Your advantages

- Ethernet
- Integrated web server

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2901373 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C446 |
| Product key | CMMC12 |
| GTIN | 4046356585002 |
| Weight per piece (including packing) | 185.7 g |
| Weight per piece (excluding packing) | 168.8 g |
| Customs tariff number | 85176200 |
| Country of origin | DE |

Technical data

Notes

Utilization restriction

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

Product properties

| | |
|----------------------------|--|
| Product type | Communication module |
| 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) EN 61010-1 (Safe isolation) |
| Test voltage | 3.5 kV AC (50 Hz, 1 min.) |

Supply

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

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: Modbus/TCP

| | |
|---------------------------|-----------------|
| Interface | Ethernet (RJ45) |
| Serial transmission speed | 10/100 Mbps |

Data

| | |
|------------------------|------------|
| Communication protocol | Modbus/TCP |
| Communication standard | RJ45 |

Dimensions

| | |
|--------|-------|
| Width | 45 mm |
| Height | 65 mm |
| Depth | 48 mm |

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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 |

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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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