



Working and installation conditions

|                         |                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------|
| Installation            | To a DIN rail (35 mm), to a distribution box (holder included in the package)                        |
| Wire gauge              | Power supply terminal - max. 2.5 mm²<br>RS485 terminal - max. 1.5 mm²                                |
| Degree of protection IP | IP 20                                                                                                |
| Pollution degree        | 2                                                                                                    |
| Working position        | Horizontal / Vertical                                                                                |
| Connection              | Pluggable screw terminals                                                                            |
| Operating temperature   | 0°C - +55°C, relative humidity 10% - 95%, without aggressive substances, condensing vapour and fog   |
| Storage conditions      | -25°C - +70°C, relative humidity 10% - 95%, without aggressive substances, condensing vapour and fog |
| Protection              | On an electrical cabinet mounting plate (wall mount can be purchased individually)                   |

Dimensions and weight

|            |                 |
|------------|-----------------|
| Dimensions | 35 x 94 x 70 mm |
| Weight     | 140 g           |

Computing module

Quad-core 600 MHz ARM A53 CPU,  
1 GB RAM, 32 GB onboard eMMC memory.

Power supply

|                             |                    |
|-----------------------------|--------------------|
| Rated voltage               | 24 V DC            |
| Power input                 | Typ. 3 / Max. 12 W |
| Voltage range               | 9-36 V DC          |
| Reverse polarity protection | Yes                |

Communication

|                            |                                              |
|----------------------------|----------------------------------------------|
| Ethernet                   | 1 x 1 Gbit Ethernet<br>1 x 100 Mbit Ethernet |
| Serial/bus channels        | 2 x RS485                                    |
| RS485 speed, max.          | 921.6 kbit/s                                 |
| RS485 pull-up/pull-down    | Yes, 560 Ω                                   |
| RS485 terminating resistor | Attachable, 120 Ω                            |
| RTC                        | Yes (backup up to 7 days)                    |
| Ext. memory storage        | 1 x Micro SD (up to 128 GB capacity)         |

Directive compliance

**EMC:** 2014/30/EU      **RoHS:** 2015/863/EU  
**RED:** 2014/53/EU      **WEEE:** 2012/19/EU

Standards compliance

EN 60730-1

