



EAN code
MI3-02M/ETH: 8595188180856

Technical parameters MI3-02M/ETH

Indication LED STATUS

Green LED RUN:	Flashing - communication with BUS, ON - no communication
Red LED ERR:	Flashing - no project, ON - unit STOP

Communication

2x BUS	
Indication (LED BUS):	green - unit status indication red - BUS fault indication
Maximum number of units:	max. 32 units to one BUS line
Maximum cable length:	max. 300 m (depends on power loss)

EBM	
Indication (LED EBM):	green - indication communication red - fault indication
Maximum cable length:	max. 300 m

Ethernet	
Connector:	RJ45
Communication speed:	100 Mbps
Indication of the Ethernet (LED ETH):	green - Ethernet communication yellow - Ethernet speed 100 Mbps
The default IP address:	192.168.1.1

Button RESET

Restart:	short press
Reset (Factory Reset):	press the button to apply power, release the button 10 s after power is applied

Power supply

Supply voltage/tolerance:	27 V DC, -20/+10 %
Rated current:	50 mA (at 27 V DC)

Operating conditions

Operating temperature:	-20 to +55 °C
Storage temperature:	-25 to +70 °C
Humidity:	max. 80%
Protection degree:	IP20 devices, IP40 with cover in the switchboard
Overvoltage category:	II.
Pollution degree:	2
Operating position:	any
Installation:	to the switching board on the EN60715 DIN rail
Design:	1-MODULE
Terminal:	max. 2.5 mm ²

Dimensions and weight

Dimensions:	94 x 17.6 x 64 mm
Weight:	72 g

- The external master MI3-02M/ETH enables the expansion of the number of connected iNELS3 peripheral units to the central unit CU3 by another two lines of the installation BUS (by 2x 32 peripheral units).
- The unit can communicate with the CU3 central unit via the EBM system bus or via Ethernet.
- Up to 8 pcs of MI3-02M/ETH can be connected to one CU3 via the EBM bus.
- The unit MI3-02M/ETH is powered by a PS3-100/iNELS or PS3-30/iNELS power supply.
- The status of each BUS line of the installation (run, error), EBM and ETH is signaled by the corresponding color LED on the front panel of the unit.
- If this is the first or last unit on the EBM system bus, the line must be terminated with a resistor with a nominal resistance of 120 Ω.
- MI3-02M/ETH is a 1-MODULE version, designed for mounting in a switchboard on DIN rail EN60715.

Connection

