

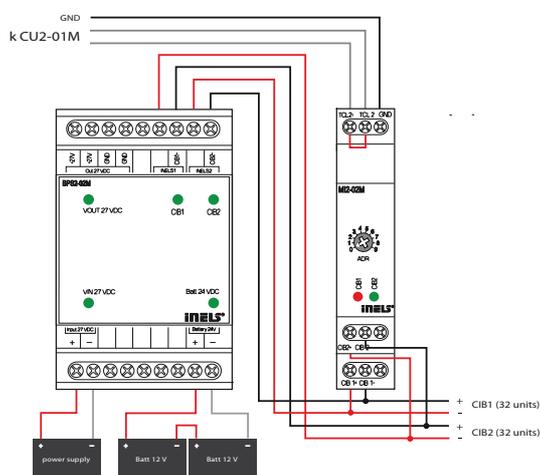
FOXTROT/INELS – CIB master module

| | | | | | |
|----------------|----|----|----|----|--------------|
| Type | DI | DO | AI | AO | Comm |
| MI2-02M | | | | | TCL2, 2× CIB |

Basic features

- MI2-02M module is designed to enlarge the number of CIB branches connected to one basic FOXTROT or INELS module.
- One MI2-02M module contains 2 masters of CIB and enables to connect additional 64 CIB units (2×32).
- Up to 4 MI2-02M modules can be connected to FOXTROT basic module to control additional 256 CIB units and up to 2 MI2-02M to INELS basic module to control additional 128 CIB units
- Status run/error indicates LED on the front panel.

Connection example



Connecting

- Compact form-factor for DIN rail mounting (1 module width) for standard circuit breaker cabinets.
- MI2-02M is connected on TCL2 bus directly to basic module or anywhere in distance max. 300 m on metallic cable.
- Unique address on TCL2 has to be set manually on the rotary encoder on front panel
- MI2-02M modules are not counted to the limit of 10 peripheral modules on TCL2 bus.
- Each branch of CIB on the module MI2-02 has to be connected to the power supply through the module BPS2-02M.
- Through it all units on the CIB branch are supplied including MI2-02M itself.

Communication

| | |
|------------------|--|
| System I/O bus | 1× TCL2 (RS-485, 345 kbps) |
| Installation bus | 2× CIB for 64 units total (19.2 kbps) (Common installation bus) |

Power supply

| | |
|-----------------------------|---|
| Power supply voltage (SELV) | 24 ÷ 27.2 V DC / 25 mA from the CIB bus |
| Allowed range | -15 % ÷ +25 % (20.4 ÷ 30 V DC) |
| Max. Input power | 2.5 W |
| Galvanic isolation | No |

Dimensions and weight

| | |
|------------|-----------------|
| Dimensions | 90 × 18 × 65 mm |
| Weight | 75 g |

Operating conditions

| | |
|--------------------------------------|--------------------------|
| Operating temperature | -20 ÷ +55 °C |
| Storage temperature | -30 ÷ +70 °C |
| Electric strength | according EN 60950 |
| IP Degree of protection IEC EN 60529 | IP 30 |
| Overvoltage category | III |
| Degree of pollution IEC EN 61131-2 | 2 |
| Working position | any |
| Installation | On DIN rail |
| Connections | Screw terminals |
| Conductors cross-section | max. 2.5 mm ² |



MI2-02M

Related products



BPS2-02M



BPS2-01M

Teco a.s. supplies units under the name INELS

Order number

TXN 131 28 MI2-02M, CIB, 2× Bus Master