



MPC^{net} TM04/TS04

Features

- Integration of the TR16, TR36 and TR38 modules into the MPC^{net}
- Up to 4 power modules for each communication module
- Easily extendable by adding more modules

Description

The TR16, TR26 and TR38 power modules are integrated into the MPC^{net} network architecture by means of the TM04 and TS04 communication modules, whereby up to 4 power modules can be connected to each communication module.

The communication between the individual power modules and the MC32 controller is established by means of the TM04 master module. By inserting more TS04 communication modules into the bus, the number of connectable power modules can be extended to 32.

See System Description for the Installation Instructions.

➔ Technical data

Enclosure material

Polyamide PA

Protection class (EN 60529)

IP 20

Electrical connections

RJ-45 connectors, RS-485

Fastening to mounting rail

TH 35-15 DIN EN 60715 (metal)

Dimensions (W x H x D)

17.5 mm x 100 mm x 114.5 mm

Weight

148 g

Storage and transport temperature

-40 °C to +70 °C

Operating temperature

-40 °C to +60 °C

Degree of contamination

2

■ Electrical data

Total number of communication modules

8 modules

Total number of power modules

32 modules

Connection power modules

via 8-pole RJ-45 plug-in connector

Connection of TM04 and TS04 modules

via bus connectors integrated into the DIN rail

Voltage supply

DC 24 V by means of an internal bus

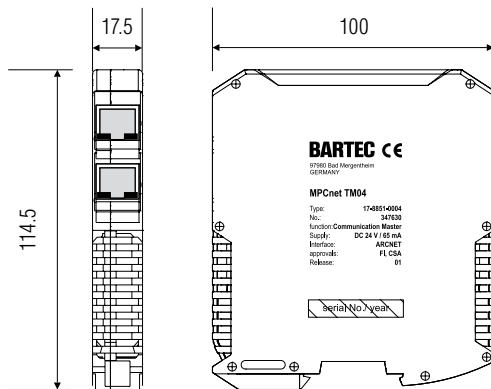
Current consumption

65 mA

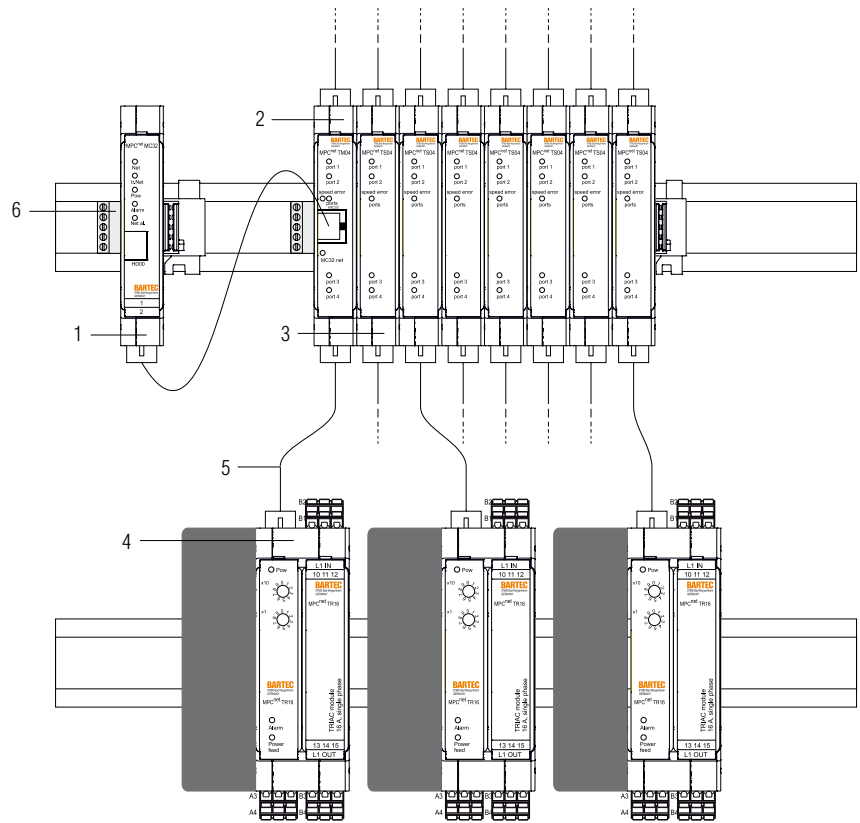
Displays

LEDs in the front of the enclosure:
 TM04: Port status, error, MC32 error
 TS04: Port status, error

Dimensions (in mm)



Example of connections



- 1 MC32 controller
- 2 TM04 master module
- 3 TS04 slave module
- 4 TR16/36/38 power module
- 5 Ethernet cable
- 6 Bus connector

➔ **Order no.**
MPC^{net} communication master module
17-8851-0004

MPC^{net} communication slave module
17-8851-0005

Technical data subject to change without notice.