

MINI Ethernet module (MNET)

Fields of application

Pluggable Ethernet extension module for the door control unit XMP-K24^{plus} and cardreaders of the XMP-TMC260x/TMC270x series.

Functions

- 10BASE-T Ethernet extension module
- ICMP support (PING)
- IP address can be set by host computer software
- world-wide unique, 12 digit Ethernet (MAC) address
- diagnosis of the communication states by 4 LEDs
- Twisted-pair connection by RJ45 connector or 5 times screw connector J4

Technical data

Power supply: 5 V DC via XMP assembly

Current consumption: approx. 70 mA

Interfaces: Twisted Pair (10 Base T) RJ45 or screw connector

Processor: National DP83902

Environmental conditions: Operation: 0..70 °C
Storage: -40..70 °C

Dimensions: (LxWxD) 85 x 47 x 20 mm

Weight: approx. 50 g

Ethernet 10BASE T interface module for XMP-K24P, TMC2501..TMC2703



XMP-MNET

Meaning of the LEDs

After activating the MNET assembly voltage supply all 4 LEDs will be switched on for approx.1 second (lamp test).

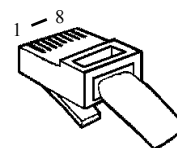
Afterwards the meaning of the LEDs D1..D4 is as follows:

- D1** status for IP address
- D2** polling/parameter telegram received
- D3** telegram transmitted
- D4** telegram received

Termination occupancy of the MNET assembly

Screw connectors J4 5 times	Ethernet (RJ45)	Description
PIN 1		T+
PIN 2		T-
PIN 3		R+
PIN 4		R-
PIN 5		C
	PIN 1	T+
	PIN 2	T-
	PIN 3	R+
	PIN 6	R-

Pin occupancy RJ45 connector (contact row above)



IP address setting

The network address (IP address) of the MNET assembly must be set by the use of the BABYLON utility program **U3SIP.EXE**.



Order number: XMP-K24P-102