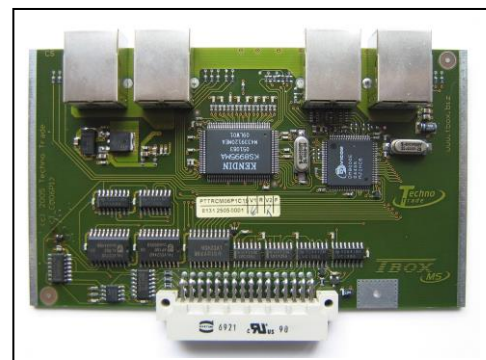


TBOX MS-ETHER-4

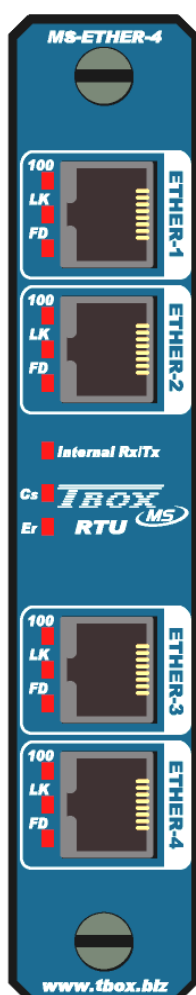
Version 3.05

TBOX MS-ETHER-4

- Switch Ethernet: 4 ports
- 10/100 Mbits
- Full Duplex



Technical Specifications



General

Consumption	300 mA
Replacement	Hot insertable/removable. There is no risk to damage hardware, but a reset is required
Test	Automatic test of the access of the card by the CPU (See LED 'CS' below)

LED

Cs	Card Selection: card corresponding to card declared in TWinSoft.
ER	Error: card type not corresponding to the one declared in TWinSoft.

Ethernet

Switch	4 x Ethernet
Connectors	4 x RJ-45
Cables	To a Hub : with a straight cable CAT5 To a Computer: with a cross cable CAT5
Speed	10/100 Mbits
Protocols	ModBus/TCP 'Master' and 'slave', SMTP, FTP, HTTP, NTP, POP3, Ping
LED	100 "on": connection at 100 Mbits – "off": connection at 10 Mbits LK "on": link – "flickering" : in communication FD "on" : Full Duplex - "off" : Half Duplex

Environment

Temperature storage	-40°C to 85°C
Temperature working (ambient)	Industrial Temperature: -40°C to 70°C
Humidity	15 to 95 % without condensation
Altitude	Max. 5000 m

Dimensions

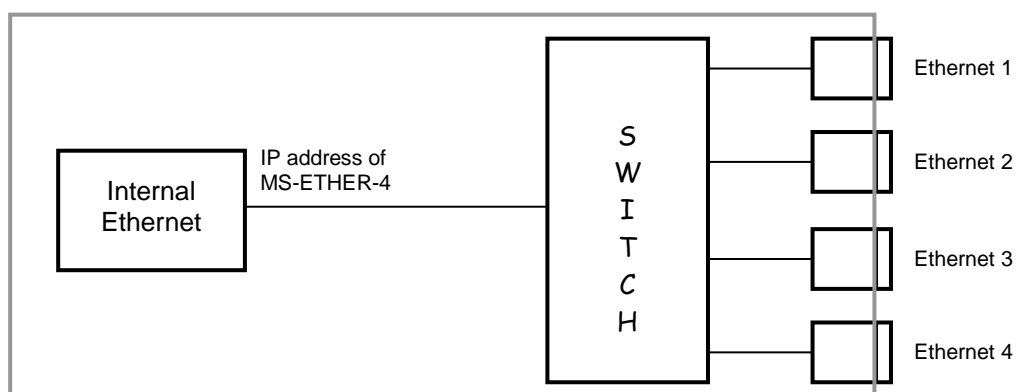
Without connector	Height x Depth x Width: 150 x 83 x 29 mm
Weight	300 g

Approvals

CE, UL, CSA, C-Tick

IP addressing

The IP address you assign to the card corresponds to the **internal Ethernet**.
Do not give the same IP as the Ethernet of the CPU, and **avoid using the same subnet of the CPU**. The 4 Ethernet ports are connected to the same switch.



If you want to access the **TBox MS** from devices connected to the Ethernet, the devices you connect to the switch **must be in the same subnet** than the one of MS-ETHER-4 (correspondence in IP addresses and subnet mask).

Example: all devices in
IP: 192.168.3.xxx Mask: 255.255.255.0