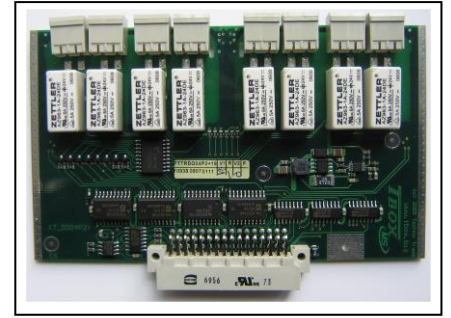


TBOX MS-RELAY

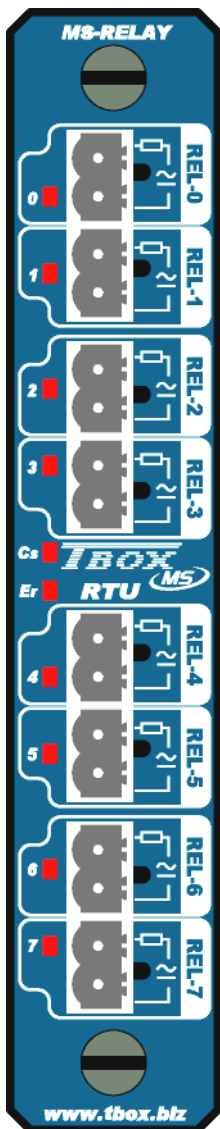
Version 3.06

TBOX MS-RELAY

- 8 x Relay Outputs
- Isolated one by one



Technical Specifications



General

Consumption	20 mA (+1.88 W all relays active)
Replacement	Hot insertable/removable. There is no risk to damage hardware, but a reset is required.
Connector	Screw connector (2x5.08mm) Wire range: 0.14 – 2.5 mm ² (or max. 12 AWG)
Arrangement	Normally Open SPST (Single Pole Single Throw) – 1 FORM A

LED

Individual	LED corresponding to the activation of each relay output
Cs	Card Selection: card corresponding to card declared in TWinSoft
ER	Error: card type not corresponding to the one declared in TWinSoft

Voltage

With DC load	Max: 30 Vdc at 3A
With AC load	Max: 250 Vac

Current

With DC load	Max. 3A
With AC load	Max: 3A

Operation

Mechanical Life time	10,000,000 operations
Electrical Life time (keeping all electrical parameters)	100,000 operations
Operate time (max.)	10 ms.
Release time (max.)	5 ms.

Isolation

Individual Isolation	Each relay is totally isolated from the rack and other relays
Isolation Voltage	3 kV
Insulation resistance at 500 VDC	1,000 MΩ

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 (5.906 x 3.27 x 1.142 inches)
Weight	258 g

















Approvals

CE, UL, CSA, C-Tick

Cabling Schematic

Connector: **Screw connector**

Pin Out:

	1	Load 0
	2	Load 0
	1	Load 1
	2	Load 1
	1	Load 2
	2	Load 2
	1	Load 3
	2	Load 3
	1	Load 4
	2	Load 4
	1	Load 5
	2	Load 5
	1	Load 6
	2	Load 6
	1	Load 7
	2	Load 7