

PRODUCT DATASHEETS

MLR8 CUBE RELAY OUTPUT MODULE

Highlights

HIGH SECURITY

MLR8 CUBE communicates with TILLYS CUBE unit via the RS485 encrypted bus (AES 128 bits), with life signal.

EASY TO IMPLEMENT

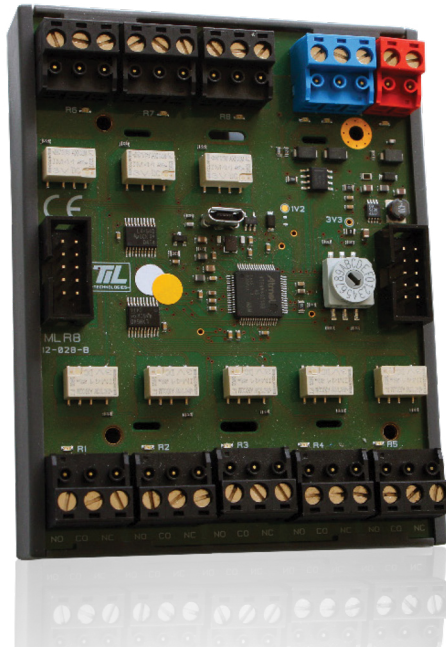
Each of the 8 relays has NO and NC terminals to adapt to all situations (double control for roller shutters, and simple control for siren, lighting, ...) The outputs and RS485 bus of the MLR8 CUBE are equipped with LEDs for easy implementation and maintenance.

ECONOMIC

The bi-stable relays reduce the module's power consumption compared to modules with conventional relays.

Main features

- 12 or 24 VDC power supply for more flexibility and improved connection distances
- Fast ribbon cable for easier connection between the bus and the power supply
- 8 bi-stable relay outputs with NO and NC, max. 2A, max. 48V, max. 48 watts
- Up to 8 transistor outputs (150 mA)
- Easier installation and maintenance with LED on all outputs and RS485 bus ports
- Pluggable screw terminal strips on the top and the bottom of the card for easier wiring and maintenance



Intrusion and Building Management Systems

MLR8 CUBE specialised module can be connected to the bus of a TILLYS CUBE controller unit.

It offers 8 relay outputs that enable control for access control, intrusion or GTB needs.

Each bus of TILLYS CUBE can host up to 16 specialised modules.

MLR8 CUBE module can be mounted on DIN rail, with fast connectors for case mounting. It can be remotely connected at a maximum distance of 600 meters from the TILLYS CUBE unit.

Note that since the MLR8 CUBE has no input, it will not be able to handle the tamper contact when the case (ex COF22) is opened.

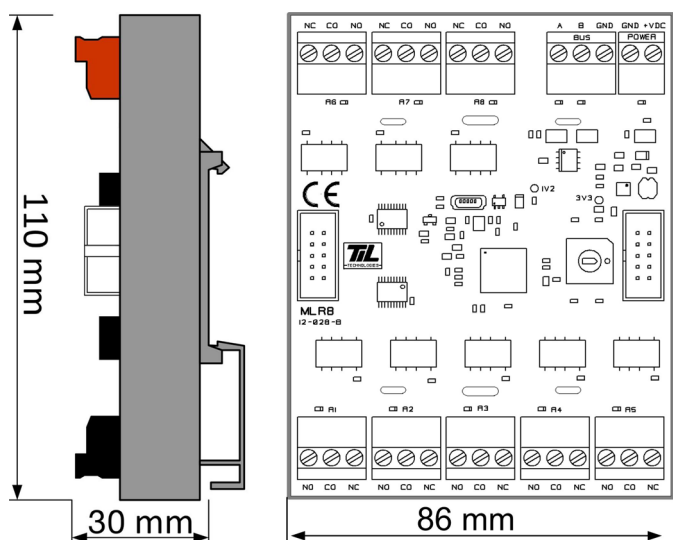
INTEGRATED BMS, INTRUSION AND ACCESS CONTROL SYSTEM

TILLYS CUBE CONTROLLER UNIT	POWER SUPPLIES & BATTERIES	SPECIALIZED MODULES	RADARS & SENSORS	BMS SENSORS & TRIGGERS
				

MLR8 CUBE RELAY OUTPUT MODULE

Dimensions

Front and side views



Technical details

- Power supply : 12 to 28 VDC
- Consumption : 30 mA
- Maximum number of modules per TILLYS NG bus : 16
- Outputs : 8 bi-stable relay outputs NO and NC, max. 2A, max. 48V, max. 48 watts
- Connections :
 - » Colored screw terminal strips for power supply (red), RS485 bus (blue), and output (black)
 - » 2 HE10 ribbon connector for TILLYS CUBE bus and power supply (2 A maxi)
- Signaling : Leds for power supply, bus and each output
- Protection against sabotage or mishandling : Short circuits, overvoltage and reverse polarity
- Dimensions (DIN rail) : 110 x 86 x 30 mm
- Humidity : 0 to 95% without condensation
- Operating temperature : -10°C to +55°C
- Weight : 0,20 kg
- Compliance : CE, RoHS
- Environment : Very low power consumption, suitable for HQE/BBC buildings



Product references

DIN rail mount

- MLR8-CUBE : 8 relay outputs specialized module for TILLYS CUBE (securized ANSSI bus), DIN rail mount

Case mount, add ref. :

- COF22 : White case with a metal structure and a plastic front panel, for installation and protection of specialized modules



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