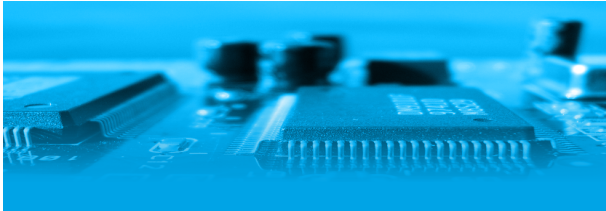




PRODUCT DATASHEET

MLR8 MODULE



Highlights

HIGH SECURITY

MLR8 communicates with TILLYS NG unit via the RS485 encrypted bus (AES 128 bits).

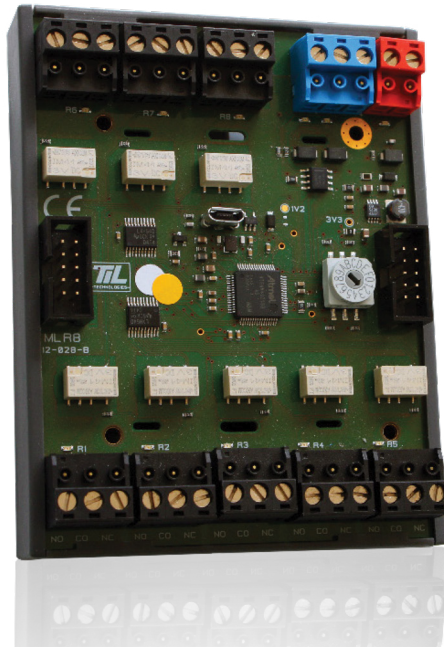
EASY TO IMPLEMENT

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 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.



Intrusion and Building Management Systems

The MLR8 specialised module can be connected to the secondary bus of a TILLYS NG unit controller (up to 600m), and offers 8 relay outputs.

Each relay enable control for : access control, intrusion or GTB needs.

Each bus can host up to 16 specialised modules.

The MLR8 module can be mounted on DIN rail, or equipped with fast connectors for case mounting.

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

Two versions of this module are available : MLR8 or MLR8S in the case of a communication on a securized ANSSI bus.

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 switch, 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

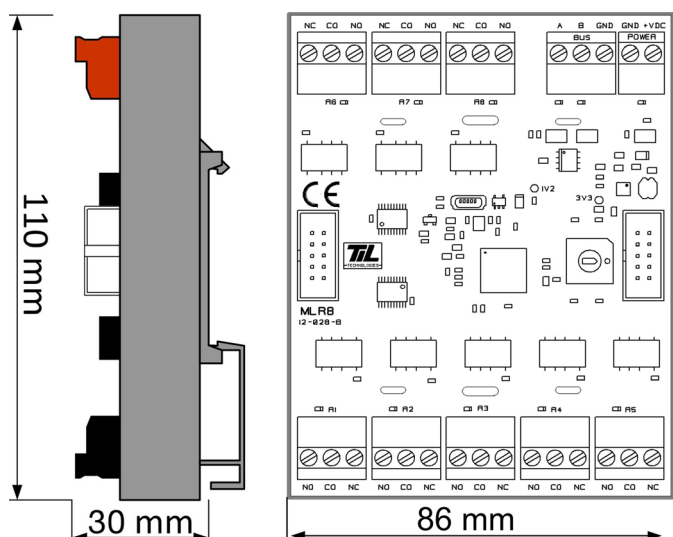
INTEGRATED BMS, INTRUSION AND ACCESS CONTROL SYSTEM

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

MLR8 MODULE

Dimensions

Front and side views



Technical details

- Power supply : 10 to 28 VDC
- Consumption : 30 mA
- Maximum number of modules per TILLYS NG bus : 16
- Outputs : 8 bi-stable relay outputs with NO and NC switch, 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 NG 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

Product references

DIN rail mount

- MLR8-RD : 8 relay outputs specialized module, NG range, DIN rail mount
- MLR8S-RD : 8 relay outputs specialized module for TILLYS NG (secured ANSSI bus), DIN rail mount

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