



## PRODUCT DATASHEET

### MDP2

#### Highlights

##### HIGH SECURITY LEVEL

Door contacts can be monitored to guarantee communication security and be seen as intrusion points.

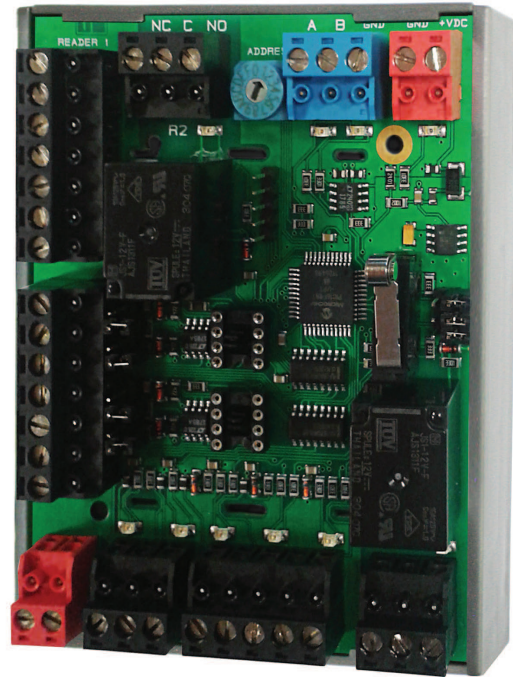
Communication with EVOLUTION readers is encrypted, with detection signal.

##### ALTERNATIVE OPERATING MODE

The MDP2 module has an alternative operating mode that can be activated with the help of a jumper. It ensures door opening in case of bus loss.

##### EXTENSION POSSIBILITIES

The wiring topology of the TIL modules is completely open, facilitating site implementation and modification.



#### Main features

The MDP2 Door Module can manage :

- 2 badge readers (same technology)
- 2 digital inputs
- 3 balanced inputs
- 2 relay outputs
- Up to 2 doors with door contact, push button and glass breakage case

All inputs can be used for :

- Points survey (ex : door contact)
- Status information collect for 2 points (push button and glass breakage case, for instance).

#### Flexibility and Security

The MDP2 remote extension module connects to the secondary bus of a TILLYS controller unit.

It allows 2 doors to be managed, for both access control and monitoring, or 1 door with 2 readers (input/output).

The MDP2 module can be mounted on DIN rail or embedded in a white plastic case (Ref. COF22), fitted with a self-protection contact at opening.

To facilitate implementation and maintenance, MDP2 module has snap-off terminal blocks as well as LEDs for input, output and the RS 485 bus.

#### INTEGRATED ACCESS CONTROL SYSTEM

##### DEDICATED MODULES



##### TILLYS

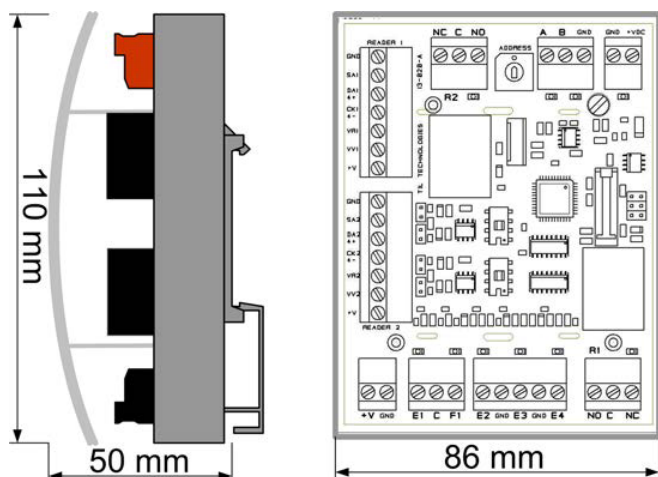


##### READERS



# MDP2

## Dimensions



## Product references

- **MDP2-RD** : Door module, 2 DataClock/Wiegand readers, 2 relay output, DIN rail mount.
- **MDP2-RS485EV-RD** : Door module, 2 EVOLUTION RS485 readers, 2 relay output, DIN rail mount.
- **COF22** : White case with a metal structure and a plastic front panel, for installation and protection of remote modules.

## Technical details

- **Power supply for readers and locking system** : 10 to 15 VCC, 90 mA (active relay)
- **Addressing** : 1 to 8 on each bus (by rotary selector)
- **Badge reader** : Reader technology managed by the TILLYS unit.
- **Digital inputs** : Polarized, 3,5 to 30 VCC, or dry contact (1 common for 2 inputs)
- **Balanced inputs** : Digital inputs with resistor for line monitoring
- **Relay outputs** : NO/NF 5A/28V= or 10A/28V~
- **Contact / control isolation voltage** : 1500 V
- **Bounce time for relays** : < 2 ms
- **Service life for relays** : 10<sup>7</sup> operations
- **COF22 dimensions** : 220 x 188 x 40 mm
- **Connections** : Plug-in screw terminals
- **Humidity** : 0 to 95% without condensation
- **Operating temperature** : 0 to 50°C

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