1 reader Door Module

The MDP1 deported module, or Door Module, connects to the secondary bus of a Local Processing Unit UTiL or TILLYS. It allows an additional door to be managed, for both access control and monitoring.

It comes as a module which snaps onto a DIN rail or mounted in a BTE22 box (white colour), fitted with a self-protection contact at opening.
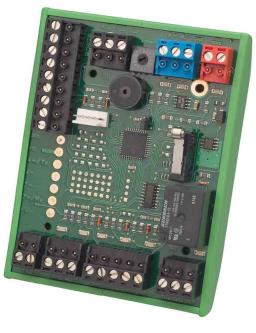
THE PLUS POINTS

◉ **Easy to extend**
The MDP1 deported module allows the number of doors to be easily and immediately extended by connecting a LPU on the bus.

◉ **Secure communication reader**
Reader detection signal emitted when connecting an MDP1 module to a PROXILIS reader using the RS485 encrypted mode. An alarm is triggered if communication is lost.

◉ **Fast start-up**
The format which snaps onto the DIN rail allows a fast assembly. The inputs, outputs and the RS 485 bus are fitted with indicator lights for easy start-up and maintenance.

Principles & Functionalities

◉ The MDP1 Door Module is capable of managing:
   ◉ 1 badge reader,
   ◉ 2 digital inputs,
   ◉ 3 balanced inputs,
   ◉ 1 relay output,
   ◉ 1 transistor output.

◉ The MDP1 is equipped with a buzzer which can be controlled by the available transistor output.
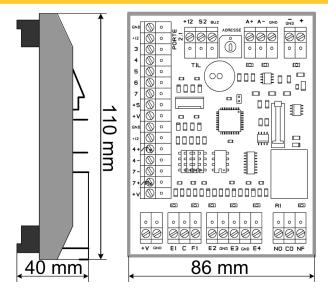
Integrated access control system

UTIL	EXTENSION MODULES	DEPORTED MODULES	TERMINALS	ACQUISITION MODULES	READERS

SECURITY SYSTEMS

Mechanical dimensions

110 mm

40 mm

86 mm

References

DIN rail assembly

- **MDP1-RD:** MDP1 deported module, DIN rail assembly
- **MDP1-RS232-RD:** MDP1 deported module, RS 232 connection, DIN rail assembly
- **MDP1-RS422-RD:** MDP1 deported module, RS 422 connection, DIN rail assembly
- **MDP1-RS485ST-RD:** MPD1 deported module, RS 485 connection, for the bi-technology SNCF reader, DIN rail assembly
- **MDP1-RS485-RD:** MDP1 deported module, RS 485 connection, DIN rail assembly

Housing assembly

- **MDP1-BT:** MDP1 deported module, with BTE22 unit
- **MDP1-RS232-BT:** MDP1 deported module, RS 232 connection, with BTE22 unit
- **MDP1-RS422-BT:** MDP1 deported module, RS 422 connection, with BTE22 unit
- **MDP1-RS485ST-BT:** MPD1 deported module, RS 485 connection, for the bi-technology SNCF reader, with BTE22 unit
- **MDP1-RS485-BT:** MDP1 deported module, RS 485 connection, with BTE22 unit

Detailed features

- Power supply: 12 VDC, 25 mA + 35 mA for the relay
- Addressing: by rotary selector
- Badge reader: the reader technology is managed by the UTiL module
- Digital inputs: biased from 5 to 30 VDC or dry contact (1 common for 2 inputs)
- Balanced inputs: digital inputs with resistor for line monitoring
- Transistor output: open collector
- Relay output: NO/NF 5A/28V= or 10A/28V~
- Contact / control isolation voltage: 1500 V
- Bounce time for relays: < 2 ms
- Service life of relays: 10^7 operations
- RD version dimensions: H 110 mm x L 86 mm x D 40 mm
- BT version dimensions: H 220 mm x L 188 mm x D 40 mm
- Connections: plug-in screw terminals
- Humidity: 0 - 95% without condensation
- Operating temperature: 0°C to +50°C

Your distributor

SECURITY SYSTEMS

TiL TECHNOLOGIES