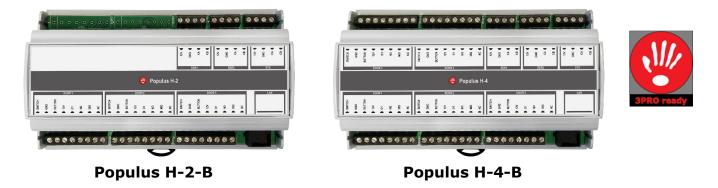




## Access controllers for DIN rail installation POPULUS H



- Advanced access controller for two (Populus H-2-B) or four (Populus P-4-B) doors, for high security application with protocol readers and encrypted proximity cards (13,56MHz), where installation of the equipment onto DIN rail is requested
- For single direction or both directions access control
- Users can choose between additional (3<sup>rd</sup> or 5<sup>th</sup>) door control or alarm output functionality
- Internal memory for 30.000 cards (expandable to 100.000) and 100.000 events
- Built-in TCP/IP communication converter, 2 x RS-485 communication bus, Spider functionality as standard (it can be used as a RS-485/TCP/IP communication converter for multiple additional controllers, connected into RS-485 communication line)
- External power supply is required (Spider H20, Spider H20-B)

## **TEHNICAL DATA**

- Dimensions: 165 x 90 x 62 mm (9 modules)
- External power supply: 12-14 V DC
- 2 x RS-485 + TCP/IP communication (RJ45)
- 2 inputs for door status or push buttons for each door
- Transistor output for 12 V DC door strikes (0,3 A) for each door
- Additional 5A relay for each door it triggers together with door strike output
- Power supply: Spider H20, Spider H20-B
- Power consumption: up to 2 W + load
- IP21 protection for indoor use
- Operating temperature: 0 to +40° C
- LED status notification:
  - On/Off power On / Off
  - Link On communication status
  - Speed communication speed 10/100 Mbs
  - Door 1 / 2 / 3 /4 / 5 /6 door strike status (locked/unlocked)
- Max. cable length between reader and access controller: in case both reader and door strike are powered from controller – 30 m, if door strike is powered by separate power supply, max. serial communication cable length is 300 m

## **ORDERING CODE**

Code	Specification
POPULUS H-2-B	2 doors access controller for DIN rail installation, for protocol readers
POPULUS H-4-B	4 doors access controller for DIN rail installation, for protocol readers