



Jantar

Entry control for home and office



Access controllers for DIN rail installation POPULUS H



Populus H-2-B



Populus H-4-B



- 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 (3rd or 5th) 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