Access controllers POPULUS P-x-B

Populus P-2-B   **Populus P-4-B**

- Advanced access controller for two (Populus P-2-B) or four (Populus P-4-B) doors, for high security application with protocol readers and encrypted proximity cards (13,56MHz)
- For single direction or both directions access control
- Users can choose between additional (3rd or 5th) door control or alarm output functionality
- In case, protocol Readers x-x-B are used in the system, Populus P-B access controllers enable extremely cost-efficient upgrade from one direction to a both directions access control
- Integrated 40W power supply is sufficiently strong to power up to up to 4 contactless card readers + 4 door strikes or 2 electromagnetic locks (12 V DC, max. 0,5 A)*
- 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)
- Charging electronics for back-up battery

TECHNICAL DATA
- **Dimension: 222 x 222 x 80 mm**
- **Populus P-2-B for up to 6 protocol readers or 2 readers with direct or 26-bit Wiegand output + 4 door strikes or 2 electromagnetic locks (max. load 2 A)**
- **Populus P-4-B for up to 10 protocol readers with protocol output or 4 readers with direct or 26-bit Wiegand output + 4 door strikes or 2 electromagnetic locks (max. load 2A)**
- **Operating voltage: 110-230V AC 50-60 Hz**
- **Built-in TCP/IP communication converter + 2 x RS-485 communication + Spider functionality**
- **Door status and push button input for each door (3/5)**
- **Transistor door strike output (0,5 A) for each door (3/5)**
- **Additional 5 A relay for each door – it triggers together with door strike output**
- **Max. power consumption: up to 3 W + load (max. 2 A)**
- **Operating temperature: from -20° to +40° C**
- **IP21 protection – for indoor installation**
- **LED status notification**
- **Built-in battery charger (2,3 Ah battery not included)**

ORDERING CODES

Code	Specification
POPULUS P-2-B	Advanced two doors access controller, for direct, 26-bit Wiegand or protocol readers
POPULUS P-4-B	Advanced four doors access controller, for direct, 26-bit Wiegand or protocol readers

*In case, more than 2 electromagnetic locks are connected onto the controller, additional *power supply (for instance Spider W40) must be used!*