Access controller POPULUS P-B

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

- For advanced access control systems with very high level of security
- 2+1 or 4+1 doors access controllers (one direction or both directions control)
- Users can choose between additional (3rd or 5th) door control or alarm output functionality
- In case, readers with protocol output 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 (12V DC, max. 500mA), connected onto the controller*
- Internal memory for 30.000 users (expandable to 100.000 users) 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
- **Access controller for 2+1 or 4+1 doors**
- **For up to 6 (Populus P-2-B) or up to 10 (Populus P-4-B) contactless card readers with protocol output + up to 2 (Populus P-2-B) or 4 (Populus P-4-B) readers with 26-bit Wiegand output + 4 door strikes or 2 electromagnetic locks (max. load 2A)**
- **Dimension: 222 x 222 x 80mm**
- **Operating voltage: 110-230V AC 50-60hz**
- **IP21 protection**
- **built-in TCP/IP communication converter + 2 x RS-485 communication + Spider functionality as standard**
- **Door status and push button input for each door (3/5)**
- **Transistor door strike output (500mA) for each door (3/5)**
- **Additional 5A relay for each door – it triggers together with door strike output**
- **Max. power consumption: up to 3W + load (2A)**
- **Operating temperature: from -20°C to +40°C**
- **LED status notification**
- **Built-in battery charger (2,3Ah battery not included)**

ORDERING CODES

Code	Specification
POPULUS P-2-B	Access controller for 2 + 1 doors, for readers with protocol or 26-bit Wiegand output
POPULUS P-4-B	Access controller for 4 + 1 doors, for readers with protocol or 26-bit Wiegand output

In case, more than 4 readers and 2 electromagnetic locks are connected onto the controller, additional power supply (for instance Spider W40) must be used!