Access controllers POPULUS P-x-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 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

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<tr>
<th>Code</th>
<th>Specification</th>
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<tbody>
<tr>
<td>POPULUS P-2-B</td>
<td>Advanced two doors access controller, for direct, 26-bit Wiegand or protocol readers</td>
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<tr>
<td>POPULUS P-4-B</td>
<td>Advanced four doors access controller, for direct, 26-bit Wiegand or protocol readers</td>
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*In case, more than 2 electromagnetic locks are connected onto the controller, additional power supply (for instance Spider W40) must be used!