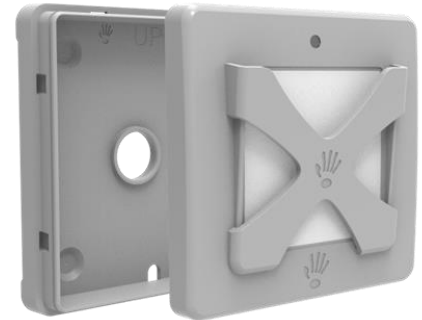# Single door compact access controllers
Populus O-1-A / K-1-A / X-1-A (125kHz)

Populus O-1-A   **Populus K-1-A**   **Populus X-1-A**

- Singled door compact access controllers with built-in proximity cards and tags readers with capacitive keypad or card holder
- In O, K or X type casing for surface installation (standard version)
- Reading frequency 125kHz
- RS-485 and TCP/IP communication
- Internal memory for 30.000 cards (expandable to 100.000) and 100.000 events)
- Door status and push buttons inputs, transistor door strike output
- For advanced access control systems and home automation
- Designed for business and government buildings, hotels, R&D facilities, financial institutions, server rooms, archives, warehouses, hospitals, shops, labs, etc.
- Color changing transparent part of the casing and buzzer for door status signalization (white – locked, green – unlocked, red - error)
- Optional wall box for flush mounting
- IP 21 - surface installation, IP 65 - into optional Wall Box for flush mounting

TECHNICAL DATA
- **Dimension:**
- **surface installation (standard option): 90 x 90 x 20 mm**
- **flush mounting (into optional wall box): 90 x 90 x 12 mm**
- **Reading frequency: 125 kHz**
- **Reading distance: up to 12 cm**
- **Internal memory for 30.000 cards (expandable to 100.000) and 100.000 events)**
- **Protection: surface installation: IP21, flush mounting: IP65**
- **External power supply 9 to 14 V DC (Spider W5, Spider W40), 230 V AC with optional wall box with built-in power supply)**
- **Anti-tamper alarm**
- **Operating temperature: from -20° to +40° C**
- **Max. current consumption: 0.2 A**
- **Color changing transparent part of the casing and buzzer for door status signalization**

ORDERING CODES

Code	Specification
Populus O-1-A	Single door access controller in **O** box , 125 kHz
Populus K-1-A	Single door access controller with capacitive keypad in **K** box , 125 kHz
Populus X-1-A	Single door access controller with card holder in **X** box , 125 kHz