Access controller with Suprema fingerprint reader POPULUS F-3-B-SC

Populus F-3-B-SC

- Access controller with Suprema fingerprint reader and built-in proximity cards reader (13,56MHz)
- For advanced biometric access control systems in residential and government buildings, development facilities, server rooms, offices, archives, garages, etc.
- For unlocking or opening of the entrance doors, offices, server rooms, elevators, for switching on/off alarm systems, etc.
- Internal memory for up to 9.500 fingerprint templates, 30.000 cards (expandable to 100.000) and 100.000 events
- Anti-tamper alarm
- Optional conversion to an advanced finger print reader with 26-bit Wiegand output for use with Populus P or Regis T controllers

TECHNICAL DATA

- **Dimensions: 73x143x22 mm**
- **Reading frequency: 13,56 MHz**
- **Reading range: up to 7 cm**
- **Finger print sensor type: capacitive (Suprema)**
- **4 MB Flash internal memory for 9.500 fingerprint templates**
- **False Acceptance Ratio: 1:100.000**
- **Sensor size: 208 x 288 px**
- **Sensor wear-and-tear: > 10 million readings**
- **Internal memory for 30.000 users (expandable to 100.000 users) / 100.000 events**
- **RS485 and TCP/IP communication**
- **RTC (real time clock) with battery back-up**
- **External power supply 9 to 14 V DC (Spider W5, Spider W5-B, Spider W40, Spider W40-B, Spider H20, Spider H20-B)**
- **Door status and push button inputs**
- **Door strike transistor output (0,5 A)**
- **Built-in accelerometer (anti-tamper alarm)**
- **IP41 protection – for indoor installation**
- **Operating temperature: from -20 to +60° C**
- **0,8 W speaker**
- **Power consumption 2 W**
- **LED and buzzer for door status signalization**

ORDERING CODE

Code	Specification
POPULUS F-3-B-SC	Controller with Suprema capacitive fingerprint reader in F type housing, 13,56 MHz