



Entry control for home and office



## Protocol readers (13,56 MHz)



**Reader A-3-B**



**Reader O-3-B**



**Reader K-3-B**



- Protocol readers in three different casings, with or without keypad
- For advanced access control systems with access controllers Populus P and time & attendance controllers Regis T, where high level of security and protection against unauthorized cloning of the cards is requested
- Designed for business and government buildings, R&D facilities, financial institutions, server rooms, archives, warehouses, hospitals, shops, labs, etc.
- For use with encrypted contactless cards (Mifare DESFire)
- Reading frequency 13,56 MHz
- Encrypted communication between reader and controller
- The electrical circuit of the Reader is poured with epoxy resin which protects it from moisture; this is why it is suitable for mounting outdoors
- Reader signals its current operation mode with LED and buzzer

### TECHNICAL DATA

- **Dimensions:**
  - 120x95x15 mm (Reader A-1-B)
  - 58x120x15 mm (Reader O-1-B)
  - 58x120x18 mm (Reader K-1-B)
- **Reading frequency: 13,56 MHz**
- **Reading range: up to 7 cm**
- **Jantar communication protocol**
- **IP65 protection - suitable for outdoor installation**
- **External power supply 9 to 14 V DC (Populus P, Regis T)**
- **Operating temperature: from -20° to +70° C**
- **Max. current consumption: 0.1 A**
- **LED and buzzer for door status signalization**
- **Max. cable length between reader and access controller: in case both reader and door strike are powered from controller – 30 m, if door strike is powered by separate power supply, max. serial communication cable length is 300 m**

### ORDERING CODES

Code	Specification
<b>Reader A-3-B</b>	Protocol reader in A-B type housing, 13,56 MHz
<b>Reader O-3-B</b>	Protocol reader in O-B type housing, 13,56 MHz
<b>Reader K-3-B</b>	Protocol reader in K-B type housing, 13,56 MHz

Reader A-B and O-B - with 6 x 0,22 alarm cable (50 cm)  
 Reader K-B - with 6 wires flat cable (25 cm).