



Entry control for home and office



Protocol Reader A (13,56 MHz)



Reader O-3-A



Reader K-3-A



Reader X-3-A



- Protocol readers, with or without capacitive keypad or card holder
- 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
- Signalization of the door status by changing the color of hand logo (red/green flashing - locked, green - unlocked, red - error) or by changing the color of the keypad (amber - locked, green - unlocked, red - error)

TECHNICAL DATA

- **Dimension: 90 x 90 x 17 mm (Reader O,K), 90 x 90 x 21 mm (Reader X)**
- **Reading frequency: 13,56 MHz**
- **Reading distance: up to 5 cm**
- **IP45**
- **External power supply 9 to 14 V DC (Populus P, Regis T)**
- **Operating temperature: from -20° to +40° 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
Reader O-3-A	Protocol reader in O-A type housing, 13,56 MHz
Reader K-3-A	Protocol reader in K-A type housing, 13,56 MHz
Reader X-3-A	Protocol reader in X-A type housing, 13,56 MHz