

# RFID CARD READER 13.56MHZ, NFC

## EXTENSION FOR 2N® IP FORCE

An internal reader for RFID cards for installation in 2N® IP Force. It allows the use of Mifare, HID iClass, DESFire and other standards, including NFC support – application for Android 2N® Mobile Key. The reader reads the only the uID card serial number or in case of the “secured” variant either the secure PACS ID number from HID iClass cards or the uID serial number from other cards. It includes two switches, two logical inputs and the Wiegand interface. The reader is compatible with models with two buttons and with models with pictograms. It also comes with a tamper switch for indicating open front panel.



### ORDER NUM.:

9151031 / 9151031S (SECURED)

### TECHNICAL PARAMETERS

#### RFID card reader (optional)

Includes besides card reader itself

Wiegand interface, tamper switch, active output, relay, two inputs

#### Supported cards on 13.56 MHz NFC version (only card serial number is read)

|  |  |
|--|--|
| ISO/IEC 14443A                         | Mifare Classic 1k & 4k, DESFire EV1, Mini, Plus S&X, Ultralight, Ultralight C. |
| ISO/IEC 14443B                         | CEPAS, HID iCLASS  |
| JIS X 6319                             | Felica   |
| Smartphone with Android 6.0 and higher |  |

#### Supported cards on secured 13.56 MHz NFC version (card serial number or PAC ID is read)

|  |  |
|--|--|
| ISO/IEC 14443A   | Mifare Classic 1k & 4k, DESFire EV1, Mini, Plus S&X, Ultralight, Ultralight C. |
| ISO/IEC 14443B   | CEPAS, HID iCLASS.   |
| JIS X 6319   | Felica   |
| Smartphone with NFC/HCE support, since Android version 6.0 |  |

#### Wiegand Interface

Input/Output mode, located on RFID card reader module

#### Active switch output

9 up to 13 V DC depending on power supply (PoE: 9 V; adaptor: power supply voltage minus 1 V), max 600 mA

#### Passive switch

NO/ NC contacts, up to 30 V / 1 A AC/DC

#### Mechanical properties

Operating temperature -40 °C to 55 °C

Storage temperature -40 °C to 70 °C

Operating relative humidity 10 % – 95 % (non-condensing)