

SCIEL READER R

Industrial RFID tag reader



BENEFITS

- Hands-free": automatic remote reading system for Active ELA Innovation RFID tags
- Interfaces: RS232, RS485 or USB and **Wiegand or Clock & Data**
- Autonomous operation with **1 dry relay contact**
- Adjustable reception range
- ERM: configuration software for PC



TECHNICAL SPECIFICATIONS

OPERATING MODE

Frequency	433.92 MHz
Average power	20mA or 34 mA if relay is activated
Range	Up to 100 meters in open field
Access control protocol	Wiegand 26 bits : D0 – D1 26 bits Data Clock : Data - clock 10 or 13 characters
Output interfaces	RS232 or RS485 half/full duplex, USB (internal housing socket)
Commands	1 dry contact No/Nf : 0.5 A @ 125 VAC / 1 A @ 24 VDC stand-alone mode: relay activated on receipt of an ID code and maintained if one or more ID codes are received. On-line mode : relay activated by software control ERM configuration software.
Settings	ERM Software for PC
Internal LED indicator	Power supply - Relay status - Receiving ID codes

BATTERY

Power supply 12 VDC

CERTIFICATIONS

Europe CE : EN 300 328/EN 300 330 / EN 301 489 / EN 62311 / EN 62368

USA FCC : FCC PART 15

Canada ISED : RSS-247/ICES-003

RoHs Yes

HOUSING

Dimensions 95 x 54 x 35mm

Connector and mounting Board-mounted terminal block - cable gland - 4 fixing holes

Materials Aluminium

Waterproofness IP 65

Operating temperature -20°C to +60°C

OPTIONS

Crimped USB cable connection SCIEL READER RU (SCIBT36B)

Input voltage from 24 to 60 VDC SCIEL READER R24 (SCIBT34B)

Card without housing SCIEL READER RM (SCIOM27B)