

XRF-RD.A

Part No. 410957

DATASHEET

Receiver to XRF wireless transmission system

Receiver with two safety outputs and two inputs for stationary sensors, programmable; external antenna
Mechanical data

Housing	DIN (for 35 mm DIN rail mounting)
Material	PA red / grey
Dimensions (W x H x D)	22.5 x 94 x 91 mm
Type of connection	Pluggable screw terminals (0.08 – 2.5 mm ²)
Weight	100 g

Electrical data

Supply voltage	12–36 V DC; 12–36 V AC, 48–62 Hz
Power consumption	< 1 W
Input for stationary edges	2 (8.2 kOhm)
Thresholds	6 kOhm / 12 kOhm
Test input (for Cat. 2 applications)	U _{th} > 10 V AC/DC, < 11 mA @ 36 V
Safety outputs	2 (each with 2 relays)
Details	36 V AC/DC, 1 A NO (with parallel resistor 8.2 kOhm) / NC (with 1A fuse)
Display	LCD illuminated and LED bicolor
Joystick (for configuration: pairing and inputs)	5 positions

In combination with XRF transmitters

Number of supported sensors	Max. 14 (stationary sensors included)
Range	60 m at optimum conditions
Reaction time	Typ. 15 ms
Communication	Bidirectional
Operating frequency	868.3 MHz
Radiated power	< 10 dbm / 10 mW
Low battery indication	Acoustic, optical and electrical
Output "battery low"	Solid state relay 36 V AC/DC, 100 mA

Approvals

EN 300 220, EN 301 489	
EN ISO 13849-1 (PLd, Cat.3, MTTFd 132 y)	Test input for Cat. 2 applications

Ambient conditions

Protection category	IP20
Operating temperature	-20°C to +60°C
Storage temperature	-40°C to +70°C
Rel. air humidity	< 95%, non-condensing

Box contents

Receiver, 6 instruction manuals (DE, EN, FR, IT, NL, SV)

Dimensions
