**XRF-RD**

Receiver to XRF wireless transmission system

**Receiver with two safety outputs and two inputs for stationary sensors, programmable**

<table>
<thead>
<tr>
<th><strong>Mechanical data</strong></th>
<th></th>
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<tbody>
<tr>
<td>Housing</td>
<td>DIN (for 35 mm DIN rail mounting)</td>
</tr>
<tr>
<td>Material</td>
<td>PA red / grey</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>22.5 x 94 x 91 mm</td>
</tr>
<tr>
<td>Type of connection</td>
<td>Pluggable screw terminals (0.08 – 2.5 mm²)</td>
</tr>
<tr>
<td>Weight</td>
<td>100 g</td>
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</tbody>
</table>

**Electrical data**

- **Supply voltage**: 12–36 V DC; 12–36 V AC, 48–62 Hz
- **Power consumption**: Max. 1 W
- **Input for stationary edges**: 2 (8.2 kOhm) / 6 kOhm / 12 kOhm
- **Test input (for Cat. 2 applications)**: Uth > 10 V AC/DC, < 11 mA @ 36 V
- **Safety outputs**: 2 (each with 2 relays) / 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 max. 36 V AC/DC, 100 mA

**Approvals**

- EN 300 220, EN 301 489
- EN ISO 13849-1 (PL d, 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**