**XRF-TW**

Transmitter for wicket doors to XRF wireless transmission system

**Original operating instructions**

**Intended use:** Monitoring wicket doors on industrial doors, in combination with a receiver XRF

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**Safety instructions**

- Read these operating instructions thoroughly before putting the device into operation and keep them for future reference.
- Do not use this product other than for its specified application.
- Only trained and qualified personnel may install and initialize the device.
- Only authorized factory personnel may perform hardware/software changes or repairs to the product.
- Failure to follow these safety precautions may cause damage to sensor or objects, serious personal injury, or death.
- It is the responsibility of the equipment manufacturer to carry out a risk assessment and to install the system, in compliance with applicable local, national and international regulations, safety standards, codes and laws as well as the Machinery Directive 2006/42/EC, should this apply.
- Always consider the safety functions of your applications as a whole, never just in relation to one individual section of the system.

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1. **Common application**

1.1 **Industrial door with wicket door**

Transmitter for wicket door monitoring to stop the door moving when the wicket door is open.

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2. **Mounting and set-up**

Mount transmitter and magnet

**Note:** Distance between magnet / transmitter when door is closed

possibly add underlay
3 Pairing

Pairing is possible with open cover or later when already mounted.

3.1.a Pairing with open cover

3.1.b Pairing mounted

Further details see manual of receiver

3.2 Functional check

Check the function by opening the wicket door

Does the door stop when wicket door is opened?

4 Trouble shooting

4.1 Warning indicator for low battery voltage

To find out which transmitter has low battery voltage: Press each edge and open / close the wicket door.

Every minute

4.2 Battery change

1. Open housing by pulling on cover
2. Remove battery
3. Insert new battery
4. Close the cover
5. Dispose battery according to local regulations

Use type CR2450N because CR2450 does not fit!

5 Technical data

### Transmitter

<table>
<thead>
<tr>
<th>Input</th>
<th>Magnetic switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery power</td>
<td>1x Lithium 3 V (CR2450N)</td>
</tr>
<tr>
<td>Battery life</td>
<td>up to 1.2 years *</td>
</tr>
<tr>
<td>Protection class</td>
<td>IEC 60529 IP65</td>
</tr>
</tbody>
</table>

*) Recommendation: Change battery every year.

### System

<table>
<thead>
<tr>
<th>Operating frequency</th>
<th>868.3 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>60 m (at optimal condition)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-20 °C to +60 °C</td>
</tr>
</tbody>
</table>

6 EU Declaration of Conformity

See attachment

7 WEEE

Devices with this symbol must be treated separately during disposal. This must be done in accordance with the laws of the respective countries for environmentally sound disposal, processing and recycling of electrical and electronic equipment.

8 Contact

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