

**security devices**  
wireless communication system



Applicable on  
roller shutters · folding doors  
sliding gates · swing gates  
industrial sectional doors  
fast speed doors  
automatic barriers

# RADIOBAND3G

TÜV CERTIFICATE. Tested in accordance with:  
EN ISO 13849-1:2008 Cat.2 PLd  
EN 12978:2003+A1:2009, Clause 4.1 b)

Third-generation RadioBand, UNIVERSAL  
system, compatible with all the control  
panels on the market



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be a step ahead with technology and imagination

Third-generation UNIVERSAL wireless  
communication system via radio for  
safety edges without a signal required for  
activation.



**RB3 R868 · RB3 OSE868 · RSEC3**  
**RB3 T868 · RB3 TGL868**



**TRANSMITTERS**



**RB3 TGL868**



**RB3 T868**

**GENERAL FEATURES**

- 3G transmitter for optical, resistive and mechanical safety edges.
- Frequency: 868MHz.
- Multi-frequency system: Four 868MHz self-adjusting channels.
- Controls up to 2 safety edges on the same transmitter.
- No activation signal is required for the optical safety edge - it is always active.
- Approximate battery life: 2 years.
- Nominal range 50 m.
- Power supply: Two 3.6 Vdc ER14500 Li - SOCL lithium batteries.
- Operating temperature: -20°C to +55°C.

**RB3 TGL868**

- Protection degree: IP42.
- Box dimensions: 194.5 x 40 x 20 mm.

**RB3 T868**

- Protection degree: IP65.
- Box dimensions: 151 x 60 x 23 mm.

**RECEIVERS**



**RB3 R868**



**RB3 OSE868**



**RSEC3**

**GENERAL FEATURES**

- 3G receiver for optical, resistive and mechanical safety edges.
- Frequency: 868MHz
- Multi-frequency system: Four 868MHz self-adjusting channels.
- Nominal range 50 m.
- Memory: 6 transmitters (3 in relay 1, 3 in relay 2).
- Radiated power: <25mW.
- Operating temperature: -20°C to +55°C.

**RB3 R868**

- No. of outputs: 3 relays.
- Power supply: 12/24Vac/dc  $\pm$  10%
- Relay contacts: 1A
- Operating consumption: Max 255mA.
- Self-test input: One 0/12/24Vac/dc input with selectable polarity.
- Protection degree: IP54 (IP65 with gland seals).
- Box dimensions: 82 x 190 x 40 mm.

**RB3 OSE868**

- No. of outputs: 2 outputs, one for panels with Optical Safety Edge input and a second NC for the door pedestrian contact.
- Power supply: 12/24Vac/dc  $\pm$  10%
- Operating consumption: Max 255mA.
- Protection degree: IP54 (IP65 with gland seals).
- Box dimensions: 82 x 190 x 40 mm.

**RSEC3**

- 3G receiver for VERSUS panels, for optical, resistive and mechanical safety edges.
- Operating consumption: Max 30mA.
- Power radiated <25mW.
- Power supply: 12Vdc from the control panel.

