



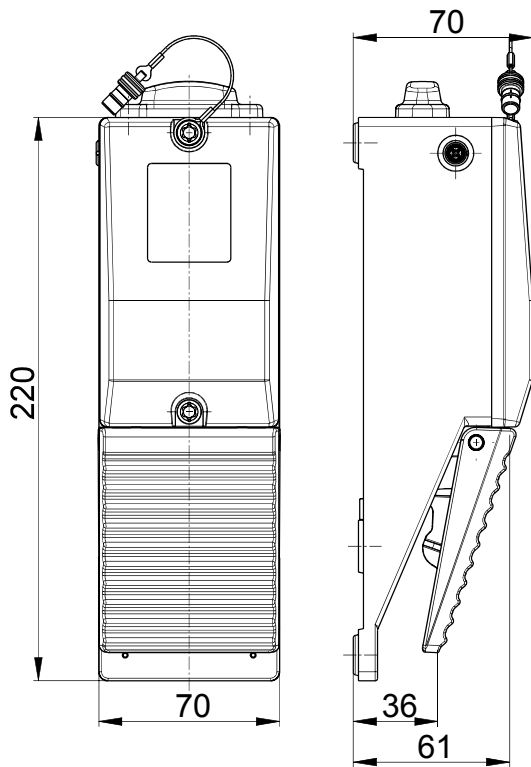
## Safe wireless system sWave®-safe RF GF 2S SW2.4-safe / RF RxT SW2.4-safe (SET) Material number: 1329075

### Features/Options:

- Set consisting of: Foot switch 1-pedal without protective shield  
+ charging device  
+ wireless receiver [RF RxT SW2.4-safe](#)  
+ magnetic base antenna  
+ pairing cable
- Compact: A wireless receiver that can be parameterised including evaluation electronics and antenna system
- License-free: Operation in license-free 2.4 GHz ISM frequency band

- Interference-free: Interference-free parallel operation with other systems at a high system density is possible
- Noise immune: High EMC interference resistance in an industrial environment
- 2 NO contacts

### Dimensions



### Technical data

#### RF GF SW2.4-safe

Applied standards EN 60947-5-1, EN 61000-6-2, EN 62061, EN 61326-3-1, EN ISO 13849-1, EN 61784-3, EN 300 328, EN 301 489-1/-17, EN 60950-1, EN 50371

Enclosure aluminium die-cast, powder-coated

Degree of protection IP 67 to IEC/EN 60529

Protocol sWave®

Frequency 2.4 - 2.4835 GHz

Transmission power 3.15 mW

Voltage supply rechargeable lithium ion battery

Nominal voltage 3.7 V

Nominal capacity 2.25 Ah

Charging device power supply 7.5 V/800 mA; 1.8 m cable with connector (EURO, UK, USA/JAPAN, AUS, IEC)

Battery life after 300 charging cycles 80 % battery capacity

#### Safety-relevant data:

EN ISO 13849-1 Performance Level PL d

Category 2

$B_{10d}$  (10 % load) 20 million

$T_M$  max. 20 years

$MTTF_{d\text{ electronic}}$  216 years

$MTTF_d$  119 years

Errors and omissions excepted.

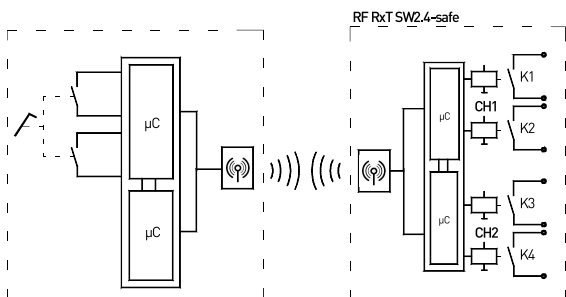


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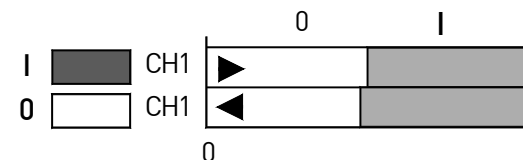
## Technical data

DC/DC <sub>avg</sub>	84 %
PFH <sub>d</sub>	5.28 x 10 <sup>-7</sup> 1/h
n <sub>op</sub>	378000
Transmission interval	< 50 ms
Synchronisation after sleep mode	max. 8 s
Current consumption	active: approx. 35 mA sniff mode: approx. 12 mA sleep mode: approx. 1 mA
Ambient temperature charging	0 °C ... +40 °C
Ambient temperature	-20 °C ... +55 °C
Storage and shipping temperature	-20 °C ... +60 °C
Mechanical life	> 1 million operations
Wireless range	max. 15 m indoors
Wireless approvals	Europe: RED 2014/53/EU USA: FCC-Id. T7V-BC06 Canada: IC 216Q-BC06  Japan:  ARIB STD-T66
Approvals	TÜV Nord  
Technical data RF RxT SW2.4-safe	see separate data sheet of <a href="#">/ RF RxT SW2.4-safe &gt;</a>
Weight	1547 g

## Contact diagram



## Switching diagram



Errors and omissions excepted.