

## Wireless Magnet Contact STM 250

**STM 250 is a wireless magnet contact. Powered by a solar cell, it works absolutely maintenance-free. An integrated energy store allows operation for several days even in total darkness.**

**The reed contact housing and the magnet housing are very small. This means that the EnOcean magnet contact is unobtrusively mountable at every window frame made of aluminum, plastic or wood.**



The STM 250 supervises an integrated reed contact and reports every status change immediately (open<>closed). In addition a sign of life signal is send around every 20-30 minutes.

The STM 250 serves the 868 MHz air interface protocol of EnOcean.

This product is CE certified and conforms to the R&TTE EU-Directive on radio equipment.

Type	Ordering Code
STM250 white	S3101-C250
STM250 black	S3101-C251

### Features overview

<b>Power supply</b>	provided by a small solar cell (Solar Power Generator)
<b>Antenna / Transmission range</b>	internal helix / 300m free field, typ. 30 m indoor
<b>Radio standard</b>	EnOcean 868.3 MHz
<b>EnOcean Equipment Profile</b>	EEP D5-00-01
<b>Reed contact</b>	1 x internal
A change of the reed contact status will wake the transmitter unit to send a radio telegram immediately (reed contact position, unique 32-bit sensor ID, checksum). In addition a presence signal is sent every 20-30 minutes to announce the contact status even in case of no input signal changes (sign of life).	
<b>Operation start up time with empty energy store</b>	typ. 2.5min @ 400 lx / 25°C
<b>Initial operation time in darkness @ 25°C</b>	typ 6 days
Energy storage fully charged, RF signals every 25 min. on average	
<b>Teach-in pushbutton</b>	integrated, accessible through hole in back plate
<b>Indicator for teach-in telegram transmission</b>	LED inside housing
<b>Dimensions of reed contact housing</b>	110 mm x 19 mm x 15 mm
<b>Dimensions of magnet housing</b>	37 mm x 10 mm x 5 mm
<b>Colour of housing</b>	signal white (similar to RAL 9003) or black (similar to RAL 9005) Black variant is not available from stock. Minimum order quantity 500pcs.
<b>Operating temperature</b>	-20 up to +60 °C

These products are offered solely as finished products for OEM customers and without an EnOcean label. The OEM partners as the instance responsible for marketing them must add their own CE declaration and product identification.