

# Universal Switch Insert PTM 250

**PTM 250 is an universal and extremely flat switch insert with a maintenance free, self powered radio transmitter.**

The universal switch insert can be integrated into numerous control programmes by different manufacturers. The central plate can be glued or screwed in place and is thus easy to attach to glass and plaster. Frame integration is similar to universal inserts for antenna sockets.



## Compatible with the following switch programs:

- **BERKER** ..... **S1, B1, B3, B7 Glas**
- **GIRA** ..... **Standard55, E2, Event, Esprit**
- **JUNG** ..... **A500, Aplus**
- **MERTEN** ..... **M-Smart, M-Arc, M-Plan**

## Technical Data

**Integrated Radio Transmitter:** ..... EnOcean PTM 200  
**Energy Harvesting Source:** ..... electrodynamic energy generator, maintenance free  
**Radio Technology / Range:** .... EnOcean 868 MHz, RPS Type 2 / 300 m free field, typ. 30 m within buildings  
**Dimensions of Rocker / Frame Cut-out / Central Plate:** ..... 50 x 50 mm / 55 x 55 mm / 71 x 71 mm  
**Total Installation Height:** ..... 14 mm (frame lies directly against the wall)  
**Installation:** ..... glued (double-sided mounting film enclosed) or screwed onto flat surface  
**Color Variants:** ..... white, anthracite, aluminum varnished  
**Rocker Variants:** ..... 2 channel (= 1 rocker with medial position), 4 channel (= 2 rockers)  
**Labeling Variants:** ..... Light („0“ and „1“), Roller Blind („>“ and „<“), w/o label  
**Operating Travel / Operating Force:** ..... approx. 2 mm / 7 N (at room temperature)  
**Switching Cycles:** ..... > 50.000 operations according to EN 60669 / VDE 0632  
**Humidity:** ..... 0-95% r.h., no condensing (for dry environment only)  
**Temperature Range (operation):** ..... from -25 to + 65°C

Type	Color	Ordering Code
<b>2 channel Light</b>	White	H5001-A210
	Anthracite	H5001-A211
	Aluminum varnished	H5001-A212
<b>4 channel Light</b>	White	H5001-A230
	Anthracite	H5001-A231
	Aluminum varnished	H5001-A232
<b>2 channel Roller Blind</b>	White	H5001-A220
	Anthracite	H5001-A221
	Aluminum varnished	H5001-A222
<b>4 channel Roller Blind</b>	White	H5001-A240
	Anthracite	H5001-A241
	Aluminum varnished	H5001-A242
<b>2 channel w/o label</b>	White	H5001-A250
<b>4 channel w/o label</b>	White	H5001-A260

**Delivery is without frame. Frames of the desired control program have to be ordered separately**

This product is CE certified and conforms to the R&TTE EU-Directive on radio equipment. The EnOcean 868 MHz radio technology can be approved for operating in the USA and in Canada.