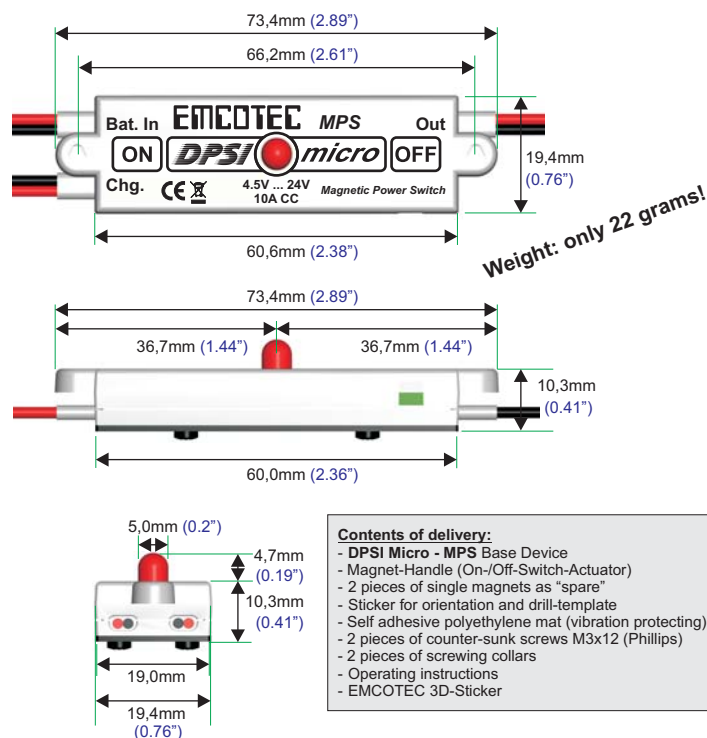


Dimensions:



EMCOTEC
embedded controller technologies

Waldstr. 21
D - 86399 Bobingen
Germany

+49 (8234) 95989 - 50
+49 (8234) 95989 - 59
info@rc-electronic.com

Mounting:

Because the **DPSI Micro** systems can be turned on and off free of contact, access is not necessary. **DPSI Micro** systems are therefore mounted at the inner side of the fuselage.

It is a big advantage that no large holes must be cut into the fuselage. A small hole for the LED which has a diameter of 5mm/0.2" usually suffices. The **DPSI Micro** can then be glued to the inner side of the fuselage using silicone. This is the simplest method.

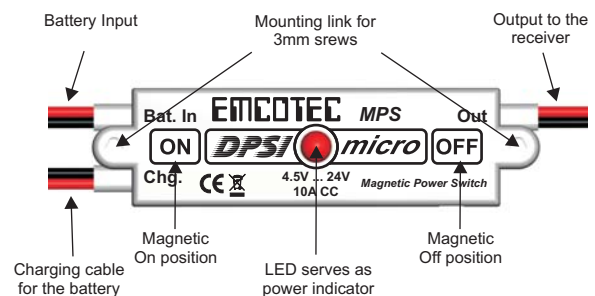
It is more elegant to screw down the **DPSI Micro**. There is a sticker included in the delivery, which not only indicates the turn-on / turn-off positions, but also serves as drilling template. Just put the sticker to the desired position on the fuselage. The small holes in the sticker indicates the drilling positions. The central hole for the LED is drilled using a 5mm/0.2" drill bit, both outer holes using a 3mm/0.12" drill bit.



Now feed both screws through the mounting holes. The screws serves as positioning helps for the self adhesive cellular rubber strip which itself serves as protection against vibration. It is pushed over both screws from the inside and is fixed to the inner side of the fuselage. The anti-vibration mat is not mandatory but straightens out little bumps in the fuselage's side wall.

The **DPSI Micro** is now screwed down using both M3 screws. The screwing collars enlarge the support area and therefore inhibits damage to the fuselage's side wall. The screw entries in the **DPSI Micro** are made up such, that the screws are self cutting. Please do not tighten the screws so that the cellular rubber is pressed too much.

Electronic power switch for 4.5V up to 24V using a magnetic actuator



- High current carrying electronically, failsafe and free of contact On-/Off-Switch for RC equipment
- 10 amps continuous current / 20 amps peak current load
- Operating voltage range from 4.5 volts up to 24 volts (4 - 18 cells NiCad/NiMH or 2 - 5 cells LiPo)
- 0.5qmm, high flexible connection cables
- Integrated battery charging cable (up to 3 amps charging current)
- Ultra bright LED as turn-on control
- Totally contact-free switching using an external magnet
- Right away usable without soldering

EMCOTEC
embedded controller technologies

Waldstr. 21
D - 86399 Bobingen
Germany

+49 (8234) 95989 - 50
+49 (8234) 95989 - 59
info@rc-electronic.com

Usage:

Momentarily hold the magnetic handle close to the turn-on position to turn on the MPS. Distance may be up to 8mm/0.3" (total distance magnet to housings upper side "linear distance"). The ultra bright LED is turned on steadily.

In order to turn off, hold the magnetic handle close to the turn-off position. The distance may be again up to 8mm/0.3". The LED turns off and the set is of no current.

If the magnetic handle is hold against a position other than on or off, it is uncertain, whether the **DPSI Micro** is turned on or off. The **DPSI Micro** can not be damaged by placing the magnetic actuator wrongly.

In case of a lost magnetic handle, the MPS can be turned off by simply disconnecting the battery! Turning on without magnet is impossible! Therefore, two spare magnets are delivered, which should be secured at a suitable position (e.g. in the fuselage or in the transmitter housing).

The **DPSI Micro** can not be turned on or off accidentally by external magnetic fields (e.g. electrical motors) because these are much too weak. There is no risk at all through external magnetic fields!

Make sure, that no magnetic fields can directly contact magnetic strips such as e.g. credit cards. Stored data could be corrupted.

