



Emergency Switch Disconnect Ignition Disconnect

Product Description:

In order to ensure the safe shutdown of the aircraft engine when the rescue device is triggered, an ignition switch must be installed.

The circuit breaker must be installed in such a way that the pin of the ignition circuit breaker is pulled when the trigger handle is operated. It is possible to switch the ignition switch to either open or close. (for 2/4 stroke engine)

We have been offering this system for more than 10 years.

Use security!

The new version is now available, even smaller, even lighter, made of CNC milled high-strength aluminum, red anodized.

- **External dimensions only 29 x 49 (70) x 11mm without (with) connecting straps**
- **Weight approx. 42 gr.**

The most important feature of an emergency switch is its operational safety.

- the switch itself must never lead to a motor failure
- 100% functionality must be guaranteed even in adverse environmental conditions (water, dust, temperature)
- Available as normally closed, normally open or toggle switch
- Mounting plates for all rescue systems
- already provided with connection cables
- Degree of protection IP67 (waterproof and dustproof)
- tested from 40 ° C to + 85 ° C
- Silver-plated contacts
- very compact design, low weight
- each switch checked individually
- available as single and multiple switches

Installation instructions

- Fasten the emergency switch to your aircraft using 2 M5 screws (please use self-locking nuts) so that the AluPin can be pulled over the deployment handle or the rocket of the rescue system in an emergency when deployed.
- Now connect the ring of the AluPin to the release handle or the rocket using a nylon rope or a steel pull so that it is pulled when activated.
- Connect the two cables as interrupters to the ignition circuits (one brown and one black cable each, the cables belonging together for a switch have the same cable lengths).
- Brown-black = normally open
- Brown-blue = opener
- Check the switch (let the motor run and pull the pin, motor must stop).
- Secure the aluminum pin with a thin wire or a nylon thread against unintentional triggering!

- A visual inspection of the pin security must be carried out before departure. It is recommended to check the function of the switch after every 50 flight hours.

Notes

Please do not seal the outer housing. The two switches inside the housing ensure water and dust protection. Any water that may penetrate does not do any harm and can escape again through the openings.