

ZEPSUS

MAGNETIC

switch to the future

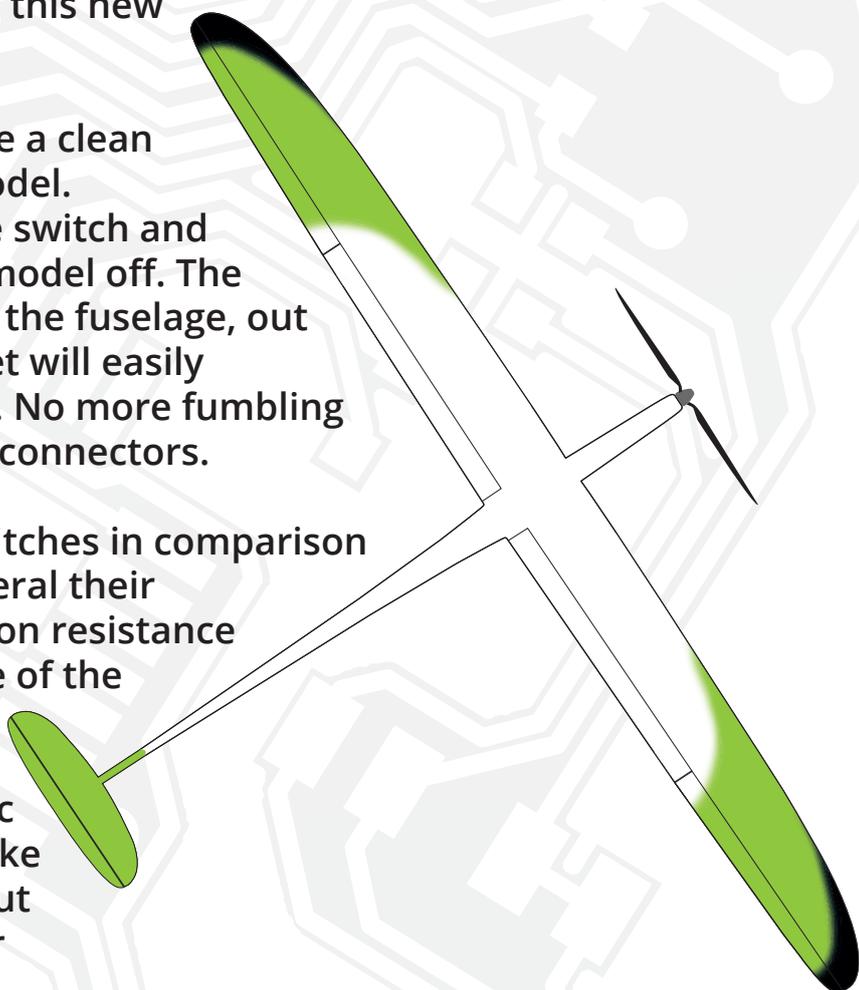
WWW.ZEPSUS.COM

Zepsus of Denmark is proud to present our innovative products.

Our products are designed to meet the increasing demand for small size equipment in new competition planes. Our strategy is, we must not compromise on quality. With that in mind, the best components have been selected. No cheap solutions, this is the best of the best all the way around. So you can rest assured your model is safe using this new technology.

With these switches you will have a clean and easy way to turn on your model. Simply slide the magnet over the switch and "ON" it goes, repeat to turn the model off. The switch can be mounted inside of the fuselage, out of the air stream, and the magnet will easily activate the switch from outside. No more fumbling for little switches, or plugging in connectors.

A big advantage of electronic switches in comparison to mechanical switches is in general their higher reliability as far as vibration resistance is concerned. Another advantage of the electronic switch is its ability to withstand an unlimited number of switching cycles. Electronic switches have no moving parts like contacts which would be worn out during switching processes, their longevity is extremely high.



MADE IN DENMARK 

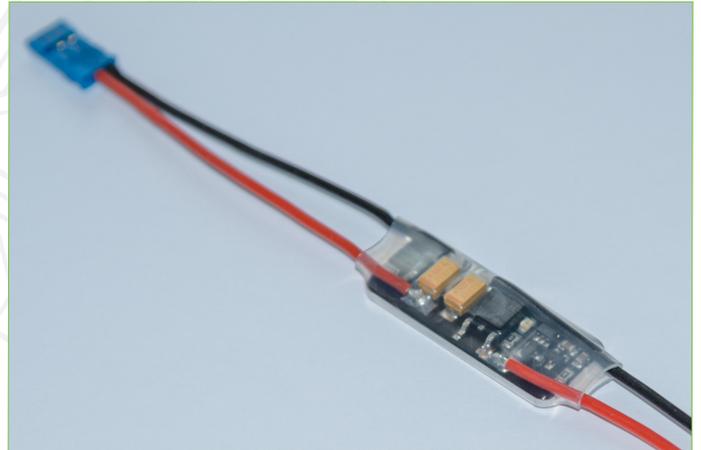
Fail-Safe

All products has a built-in failsafe function that remembers its state "On/Off" for at least 10 seconds if disconnected from it's battery source. This feature will protect the switch against any power glitches caused by faulty battery connections.

	BEC 7A
Input voltage range	3~10V
Output voltage	5.7V
Output current continuously*	7A
Output current burst*	>20A
Ultra low stand-by current	6 μ A (micro-ampere)
Max power loss continuously	3 Watt
Max power loss burst	>20 Watt
Ultra low dropout voltage**	72mV@4A
Connectors	JR-type
Wire	High-quality 0.5mm ²
Weight including cables	6,5grams
Length including cables	18cm
Dimensions including heat shrink	40 x 15 x 5mm
Operational temperature range	-40C to +125C
*Depending on Input and Output voltage. **If input voltage drops below output voltage. Tested at +20C ambient temperature	

Magnetic BEC 7A

It's a combination of the Magnetic Switch and a 5.7V regulator. It's designed for F5B model gliders. Tiny, Strong, Stable and Reliable.



Magnetic Switch 7A

Designed for F3F, F3B and F3J remote controlled model gliders. Very small and very strong power switch



	SWITCH 7A
Input voltage range	3v~13v
Output current constant	7A
Ultra low dropout voltage	40mV @ 11A
Output current burst	>20A
Ultra low stand-by current	5 μ A (micro-ampere)
Connector	JR-Type
Wire	HQ 0.50mm ² / AWG 20
Weight	4.3 grams / 0.15oz.
Length including cables	18 cm / 7 in
Dimensions	25 x 8 x 5 mm / 0.98 x 0.31 x 0.20 in
Operational temp. range	-40C to +85C
Tested at +20C ambient temperature	

Installation

Because the switch can be turned on and off free of contact. No holes in the fuselage are needed, and that is a big advantage. Keep the switch in place, on the inside of the fuselage, with silicon or a piece of foam. The foam must push the switch towards the fuselage, in order to get the shortest distance between the switch and the magnet when you have to activate it. Make sure you have sufficient distance to other magnets in the fuselage, like canopy magnets or brushless motors, to avoid malfunctions.

Put the sticker included in the package on the outside of the fuselage at the switch location. Now its easy to see the turn-on / turn-off position where to swipe the magnet.