



*superwind*

## **Stop-Switch Mounting Guidelines**

09-2016

[www.superwind.com](http://www.superwind.com)



INSTALLATION

PLEASE DO NOT PROCEED UNTIL  
YOU HAVE READ  
ALL INSTRUCTIONS  
AND  
SAFETY INFORMATION

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MANUAL VERSION 09-2016

## 1. GENERAL INFORMATION

### 1.1 General Information

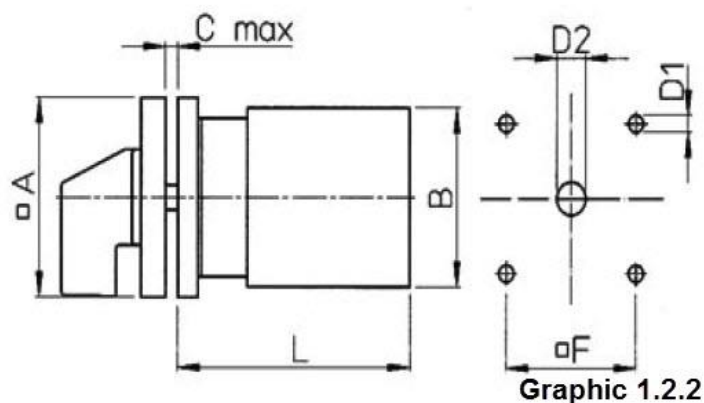
In stop-position, the switch connects the wires (+) and (-) of your Superwind 350 to short-circuit its generator to effect substantial reduction of the rotor speed. In stop-position, the switch also disconnects the shorted generator from the battery circuit.

### 1.2 Mounting

The stop-switch is only designed for indoor panel mounting. For easy adaption to panels up to 22 mm thickness, the shaft is adjustable.

Before installing the switch, adjust the shaft to the length required and fix it by means of the screw (see picture).

Note: For very thin panels, it might be necessary to cut off the screw's head afterwards for proper mounting.



### 1.3 Electrical Connection



- ⚡ Any electrical work may be accomplished only by authorize and skilled persons!
- ⚡ During any connection work, the related electrical circuit must be disconnected from the battery terminals!

For optimum brake efficiency, the wires between the Superwind generator and the stop-switch should be as short as possible. For appropriate conductor cross-section, see owner's manual.



- ⚡ It is obligatory to install a fuse of 40 A in the (+) wire between the stop-switch and the battery!
- ⚡ No fuse must be installed between the stop-switch and the Superwind generator!

The switch terminals are used as follows:

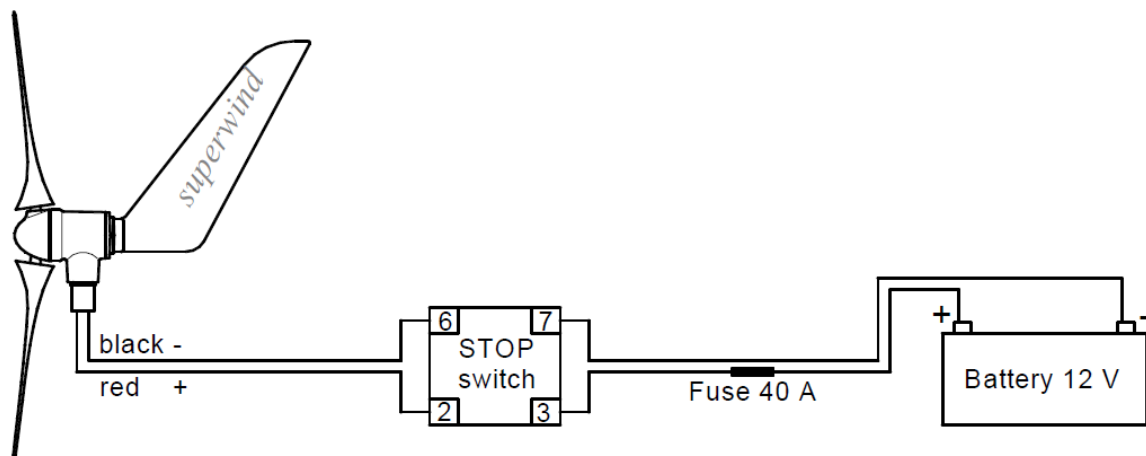
wire	terminal no.
superwind generator (+)	2
superwind generator (-)	6
battery (+) [only if the optional marine charge regulator is installed: regulator input (+)]	3
battery (-) [only if the optional marine charge regulator is installed: regulator input (-)]	7
no connection allowed	4
no connection allowed	8

Note: the bridge between terminals 1 and 5 must not be removed !

**Table 1.3.1**



- ⌋ There are 8 wiring posts on the stop-switch. Only those utilized in Table 1.3.1 should be used.
- ⌋ However, all screws must be tightened down. If this step is not done, your Superwind unit may not perform correctly.
- ⌋ Remember, part of your annual Superwind inspection is to ensure all screw connections on the stop-switch are still tight.



Wiring scheme shows connection without marine charge regulator.

**Graphic 1.3.1**