

# Steel Switch Dimmer

## Instructions for use

**BILTON**  
LED LIGHTING

Art. Nr. S-24503

### Safety information:

Fitting and assembly of electrical appliances must only be done by an electrician. Inadherence to the installation instructions could result in fire or other dangerous consequences. The Switch Dimmer is a protection rating III device.

### Caution:

During installation and maintenance, measures must be taken to prevent a polarity reversal of the supply voltage.

### Connection

Input connections, refer to the illustration:

- (1) 24V DC Supply across the terminals
- (2) Terminals for the dimmer switch

Output connections, refer to the illustration:

- (3) Ch1+/- Ch2+/- Ch3+/- LED channels

### Technical data

Supply voltage	12 - 24 VDC
Maximum load	6,6 A
Maximum load per channel at 24 V	2,2 A
Output short circuit protection	YES
<b>Reverse polarity protection</b>	<b>NO</b>
Working temperature	-5 °C to +40 °C
Minimum voltage of the dimmer switch	10V
Output signal	PWM / 245Hz

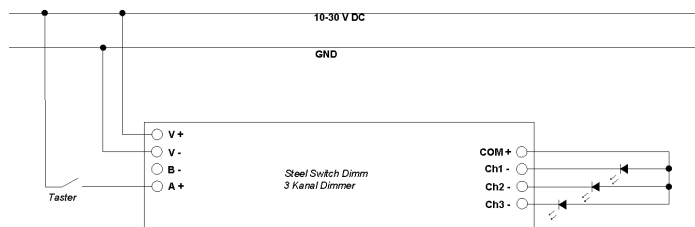
### Note:

In order to prevent malfunction, the maximum cable length, supply points, maximum distances etc. must be observed.

### Warranty

We provide a guarantee in accordance with the law. Please send the device (free postage) to our central customer service centre, with a description of the fault.

### Dimmer switch wiring diagram:



### Function:

The 3 channel dimmer switch can operate and dim high performance LEDs synchronously. Up to 20 devices can be connected in parallel, A conventional switch can be connected at A+ (see illustration). Terminal B- is not connected. Pressing and holding the dimmer switch starts the dimming process and either brightening or dimming as appropriate. By pressing the switch quickly (max 0.5 seconds) the outputs are turned on or off. When turned on, the last active value is loaded (memory function).

### HEAD OFFICE

Customer service centre:  
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