

### 8572 Series - 2 Group Light Dimmer



#### Features:

- Precise dimming control for 1 or 2 light groups
- Voltage regulation & 'soft-start' bulb protection
- Low voltage battery protection
- 12V and 24V DC

The Hella marine 2 Group Light Dimmer provides precise dimming control for one or two separate light groups, and sophisticated voltage regulation with a 'soft-start' feature to lengthen the life of a filament bulbs. The dimmer also provides low voltage protection against deep battery discharge.

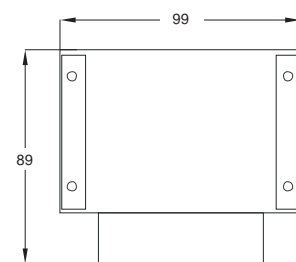
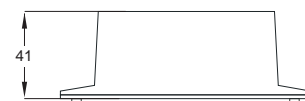
When batteries are charged voltage can rise to 14.4V on 12V systems or 28.8V on 24V systems, this can shorten the life of bulbs.

The 2 Group Dimmer increases bulb life through sophisticated internal voltage regulation, ensuring the lighting circuit voltage does not rise above 12V or 24V. As halogen bulbs also have a high inrush current on start up, the 2 Group Dimmer features 'soft-start' to further lengthen bulb life.

The dimmers low voltage protection also protects against deep battery discharge.

Lights will turn off automatically when battery voltage is lower than 9V on a 12V system or lower than 18V on a 24V system. Lights can be switched on again when the battery is charged and reaches 12V or 24V respectively.

<b>Max. Load</b>	200W at 12V and 400W at 24V
<b>Max. Load Per group</b>	100W at 12V and 200W at 24V
<b>Input Voltage Range</b>	8 - 30V DC
<b>System Voltage</b>	12V or 24V DC
<b>Number of Groups</b>	2
<b>Switches Per Group</b>	Unlimited
<b>Switch Type</b>	Momentary normally open
<b>Weight</b>	140 grams
<b>Protections</b>	Overload, Temperature, Low voltage
<b>Fuse</b>	2 x 10A



#### 2 Group Light Dimmer

**Part Number**  
5XA 998 572-001



### Voltage Sensitive Relay - "Dual battery charging made easy"

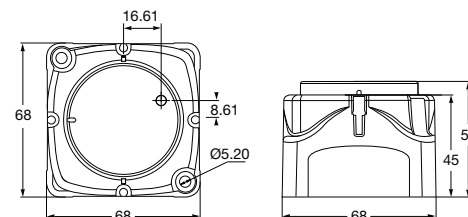


The Voltage Sensitive Relay (VSR) allows two batteries to be charged at the same time.

When the engine is started and the start battery reaches 13.7 volts, the VSR engages, allowing two battery banks (start and auxiliary) to be charged simultaneously.

When the voltage drops below 12.8 volts (e.g. the engine is stopped), the VSR disengages, separating the batteries. This system eliminates the possibility of draining the start battery and protects sensitive electronic equipment powered from the auxiliary battery from harmful engine start up spikes.

<b>Housing Description</b>	Impact resistant plastic
	Tin copper studs and nuts
<b>Termination Stud Size</b>	2 x 6mm (1/4")
<b>Degree of Protection</b>	IP 56
<b>Voltage</b>	12V DC
<b>Max. Load 12 DC</b>	140 Amps
<b>Dimensions</b>	69 x 69 x 50mm (W x D x H)



#### Voltage Sensitive Relay

**Part Number**  
3099