



# Accessories

*Hella's range of accessories compliments its range of lighting products and offer the latest in design, technology and features. All Hella accessory products are extensively tested for quality, durability and function prior to being offered under the Hella brand.*





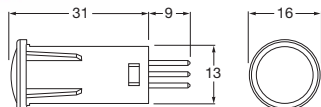
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**SAFETY** through  
Vision and Innovation

# Accessories Pilot Lamps



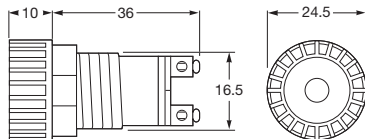
<b>12V Bulb Incl.</b>	<b>2708</b>	Pilot Lamp, Red - 12 Volt
<b>12V Bulb Incl.</b>	<b>2709</b>	Pilot Lamp, Green - 12 Volt
<b>12V Bulb Incl.</b>	<b>2710</b>	Pilot Lamp, Blue - 12 Volt
<b>12V Bulb Incl.</b>	<b>2711</b>	Pilot Lamp, Amber - 12 Volt

**DESCRIPTION** Pilot lamps with non-replaceable bulbs. See below for function descriptions.

**MOUNTING** 12.5mm opening.

**VOLTAGE** 12V

**BULBS TO SUIT** Bulb not replaceable.



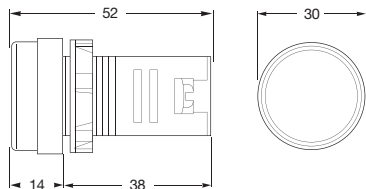
<b>12V Bulb Incl.</b>	<b>2712</b>	Pilot Lamp, Red - 12 Volt
<b>12V Bulb Incl.</b>	<b>2713</b>	Pilot Lamp, Green - 12 Volt
<b>12V Bulb Incl.</b>	<b>2714</b>	Pilot Lamp, Blue - 12 Volt
<b>12V Bulb Incl.</b>	<b>2715</b>	Pilot Lamp, Amber - 12 Volt

**DESCRIPTION** Pilot lamps utilizing bayonet based bulbs for use under heavy-duty conditions. See below for function descriptions.

**MOUNTING** 17mm opening.

**VOLTAGE** 12V

**BULBS TO SUIT** 12V H122  
24V H242



<b>LED</b>	<b>2716</b>	LED Pilot Lamp, Red - 12 Volt
<b>LED</b>	<b>2716-24V</b>	LED Pilot Lamp, Red - 24 Volt
<b>LED</b>	<b>2717</b>	LED Pilot Lamp, Green - 12 Volt
<b>LED</b>	<b>2717-24V</b>	LED Pilot Lamp, Green - 24 Volt
<b>LED</b>	<b>2718</b>	LED Pilot Lamp, Amber - 12 Volt
<b>LED</b>	<b>2718-24V</b>	LED Pilot Lamp, Amber - 24 Volt
<b>LED</b>	<b>2719</b>	LED Pilot Lamp, White - 12 Volt
<b>LED</b>	<b>2719-24V</b>	LED Pilot Lamp, White - 24 Volt
<b>LED</b>	<b>2720</b>	LED Pilot Lamp, Blue - 12 Volt
<b>LED</b>	<b>2720-24V</b>	LED Pilot Lamp, Blue - 24 Volt

**DESCRIPTION** Heavy-duty multi-chip LED pilot lamps featuring shock-resistant one-piece construction for long service life and polycarbonate lens. See below for function descriptions.

**MOUNTING** 22mm opening. For panels up to 38mm thick.

**VOLTAGE** 12V or 24V AC/DC

**PROTECTION** IP 65 (Protection against dust and water jets) when installed.

Red	=	Ignition, handbrake and hazard warning lamps
Green	=	Indicator lamps
Blue	=	Main beam and auxiliary headlamps
Amber	=	Fog lamps

## 4005 Diesel Pre-heating Starter Switch

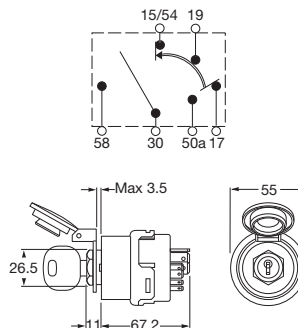
**DESCRIPTION** Pre-heating starter switch. Two keys supplied. Key removes in park and off.

**MOUNTING** 26.5mm diameter opening.

**FOR PANELS** Up to 3.5mm thick.

**FUNCTION** 5 position switch (park, off, driving, pre-heat, start).

Terminal	Position	Function	Current @ 24V
30-58	P	Park Lamps	4A
30-15/54	1	Driving	35A
30-19	2	Pre-heat	30A
30-50a/17	3	Start	5/30A



## 4008 Ignition and Starter Switch

**DESCRIPTION** Switch with spring loaded return. Two keys supplied.

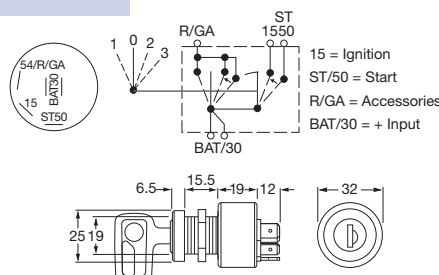
**MOUNTING** 19mm diameter opening.

**FOR PANELS** Up to 19mm thick.

**MAXIMUM LOAD** @12V ignition 25A, start 12A, accessory 15A.

**SPARE PART** Blank key number Silica BH4.

**FUNCTION** Four position switch (park, off, driving, start).



## 4008HD Heavy Duty Ignition and Starter Switch

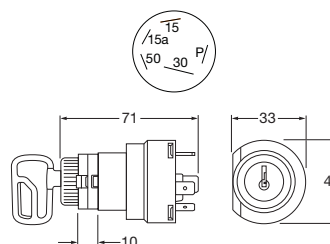
**DESCRIPTION** Heavy duty ignition and starter switch, featuring plastic outer construction for maximum protection against damage. Two keys supplied.

**MOUNTING** 19mm diameter mounting opening.

**FOR PANELS** Up to 10mm thick.

**MAXIMUM LOAD** @12V park 2A, ignition 20A, start 25A, accessory 30A.

**FUNCTION** Four position switch (park, off, driving, start). Key removes in park and off.



## 4009 Ignition and Starter Switch - 22mm Shaft

## 4010 Ignition and Starter Switch - 18mm Shaft

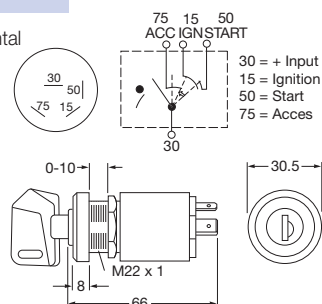
**DESCRIPTION** Two keys supplied. Start-lockout mechanism to prevent accidental engagement of starter.

**MOUNTING** 4009 22.5mm diameter opening  
4010 18.5mm diameter opening

**FOR PANELS** Up to 19mm thick.

**MAXIMUM LOAD** @12V ignition 25A, start 50A, accessory 20A.

**FUNCTION** Four position switch (park, off, driving, start).



## 2766 Ignition and Starter Switch

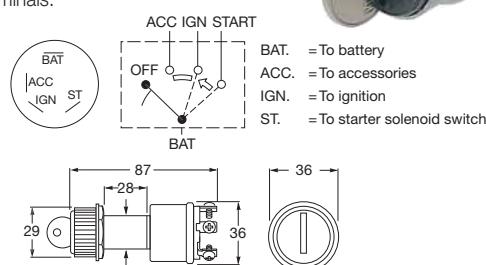
**DESCRIPTION** Four position switch with spring loaded return. Four screw terminals.

**MOUNTING** 21mm diameter opening.

**FOR PANELS** Up to 25mm thick.

**MAXIMUM LOAD** @12V ignition 10A, start 5A, accessory 10A

**FUNCTION** Four position switch (park, off, driving, start)



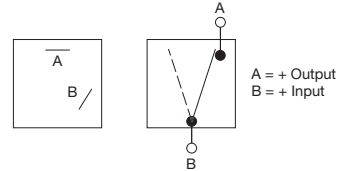
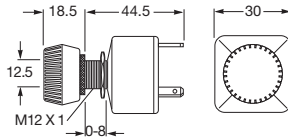
ACCESSORIES



### 4020

#### Off-On Switch

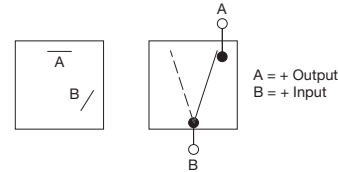
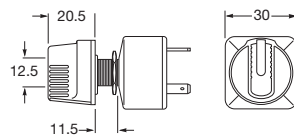
- DESCRIPTION** Rotary switch with round knob.  
**MOUNTING** 12.5mm diameter opening.  
**MAXIMUM LOAD** 15A @ 12V  
7.5A @ 24V  
**PROTECTION** IP 53 (Protection against dust and water spray)



### 4021

#### Off-On Switch

- DESCRIPTION** Rotary switch with flat knob.  
**MOUNTING** 12.5mm diameter opening.  
**MAXIMUM LOAD** 15A @ 12V  
7.5A @ 24V  
**PROTECTION** IP 53 (Protection against dust and water spray)



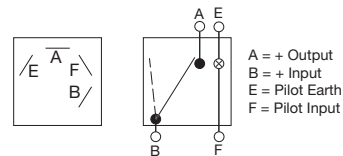
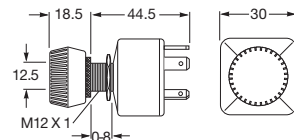
### 4022

#### Off-On Illuminated Switch - 12 Volt

- DESCRIPTION** Illuminated by inbuilt 12V capillary bulb, complete with red, amber and green lenses.  
**MOUNTING** 12.5mm diameter opening.  
**MAXIMUM LOAD** 15A @ 12V  
**PROTECTION** IP 53 (Protection against dust and water spray)



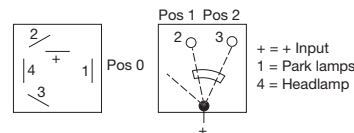
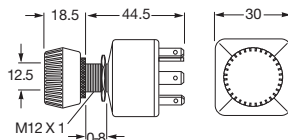
*Note* Suitable for 12V only.  
Bulbs not replaceable.



### 4023

#### Off-On-On Headlamp Switch

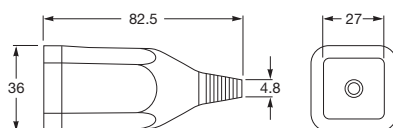
- DESCRIPTION** Rotary switch with round knob.  
**MOUNTING** 12.5mm diameter opening.  
**MAXIMUM LOAD** 23A @ 12V  
11.5A @ 24V  
**PROTECTION** IP 53 (Protection against dust and water spray)



### 4024

#### Sealing Boot

- DESCRIPTION** Rubber sealing boot. Suits P/N's 4020 - 4023.



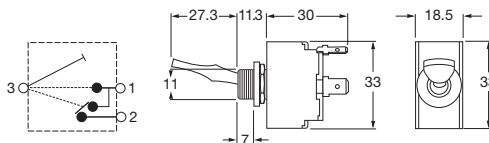
## 4056 *Off-On-On Headlamp Switch*

**DESCRIPTION** Three position switch:  
 Upper = Off  
 Centre = Park lamps  
 Lower = Headlamps

**MOUNTING** 13mm diameter opening.

**FOR PANELS** Up to 6mm thick.

**MAXIMUM LOAD** 15A @ 12V  
 7.5A @ 24V



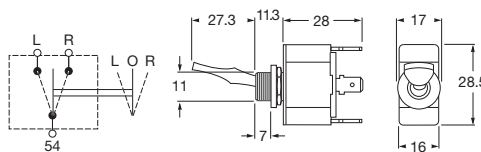
## 4202 *On-Off-On Switch*

**DESCRIPTION** Three position switch.

**MOUNTING** 13mm diameter opening.

**FOR PANELS** Up to 6mm thick.

**MAXIMUM LOAD** 15A @ 12V  
 7.5A @ 24V



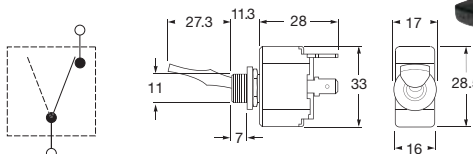
## 4456 *Off-On Switch*

**DESCRIPTION** Two position switch.

**MOUNTING** 13mm diameter opening.

**FOR PANELS** Up to 6mm thick.

**MAXIMUM LOAD** 15A @ 12V  
 7.5A @ 24V



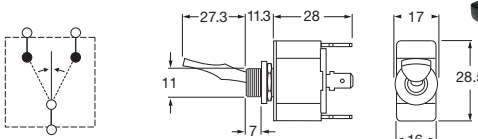
## 4460 *(On)-Off-(On) Spring Return Switch*

**DESCRIPTION** Momentary on-off-momentary on three position switch, spring return aerial switch. Flick toggle with spring return.

**MOUNTING** 13mm diameter opening.

**FOR PANELS** Up to 6mm thick.

**MAXIMUM LOAD** 15A @ 12V  
 7.5A @ 24V



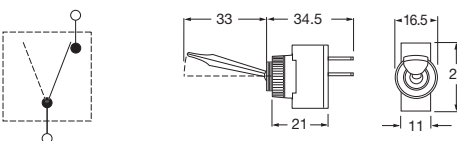
## 4453 *Off-On Toggle Switch*

**DESCRIPTION** Two position switch. Plastic body.

**MOUNTING** 13mm diameter opening.

**FOR PANELS** Up to 6mm thick.

**MAXIMUM LOAD** 10A @ 12V



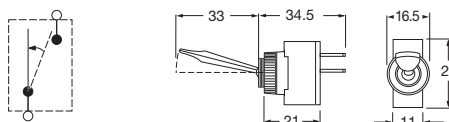
## 4454 *Off-(On) Spring Return Switch*

**DESCRIPTION** Off-momentary on two position switch, spring return. Plastic body.

**MOUNTING** 13mm diameter opening.

**FOR PANELS** Up to 6mm thick.

**MAXIMUM LOAD** 10A @ 12V





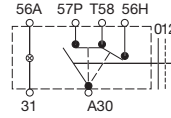
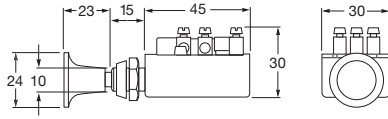
## 4055

### Off-On-On Headlamp Switch

**DESCRIPTION** With black grip without pilot lamp and 20 amp glass fuse. Three positions.

**MOUNTING** 11mm diameter opening.

**MAXIMUM LOAD** 10A @ 12V  
5A @ 24V



## 4206

### On-Off-On Illuminated Switch

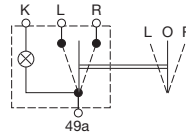
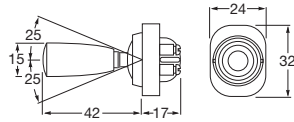
**DESCRIPTION** Three position switch for indicators, illuminates green.

**MOUNTING** 19mm diameter opening.

**FOR PANELS** Up to 2mm

**MAXIMUM LOAD** 15A @ 12V

**BULBS TO SUIT** 12V 292



## 4208

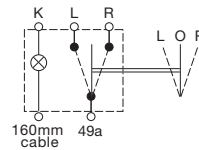
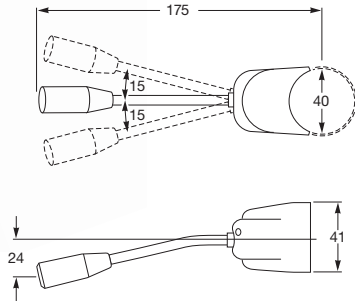
### Illuminated Steering Column Flasher Switch

**DESCRIPTION** Fits all steering columns from 32mm to 76mm diameter.

**MOUNTING** Surface mounting/universal strap.

**MAXIMUM LOAD** 5A @ 12V  
2.5A @ 24V

**BULBS TO SUIT** 12V W121.2  
24V W241.2



## 5227

### Hazard Warning Switch - 12/24 Volt

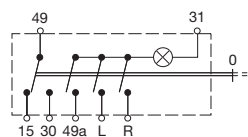
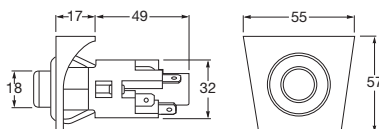
**DESCRIPTION** For cars, trucks, buses with and without trailers. Black plastic mounting panel. Red knob with pilot lamp. Includes 8 pole multiple adaptor. Push-on 6mm terminals supplied. Wiring diagram and instructions are included.

**MOUNTING** 29mm diameter opening.

**MAXIMUM LOAD** 7A @12V

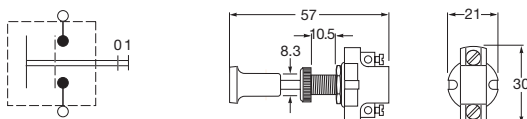
**FOR PANELS** Up to 3mm

**BULBS TO SUIT** 12V J122  
24V J243



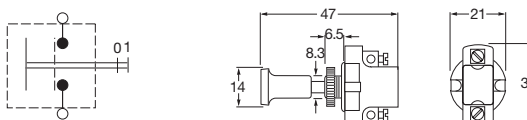
## 4400 On-Off-On Switch - Long Reach

**MOUNTING** 9mm diameter opening.  
**FOR PANELS** Up to 12mm.  
**MAXIMUM LOAD** 10A @ 12V  
 5A @ 24V



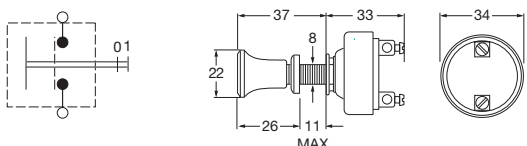
## 4403 On-Off Switch - Short Reach

**MOUNTING** 9mm diameter opening.  
**FOR PANELS** Up to 2mm.  
**MAXIMUM LOAD** 10A @ 12V  
 5A @ 24V



## 4406 On-Off Switch - Long Reach

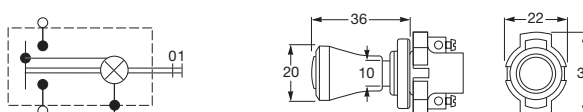
**MOUNTING** 9mm diameter opening.  
**FOR PANELS** Up to 11mm.  
**MAXIMUM LOAD** 10A @ 12V  
 5A @ 24V



## 4409 On-Off Switch - Incorporating Red Pilot Lamp

**DESCRIPTION** Knob incorporates red pilot lamp.  
**MOUNTING** 11mm diameter opening.  
**FOR PANELS** Up to 3mm.  
**MAXIMUM LOAD** 10A @ 12V  
**BULB TO SUIT** 12V J122

Note Not suitable for 24V.



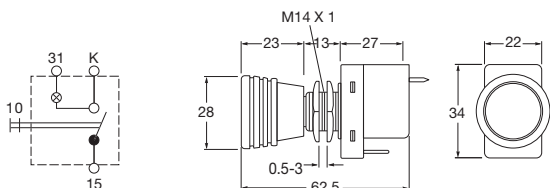
12V Bulb Incl.



## 4411 On-Off Switch - Incorporating Green Pilot Lamp

**DESCRIPTION** Knob incorporates pilot lamp.  
**MOUNTING** 14mm diameter opening.  
**FOR PANELS** Up to 6mm thick.  
**MAXIMUM LOAD** 10A @ 12V  
 5A @ 24V

**BULBS TO SUIT** 12V W121.2  
 24V W241.2



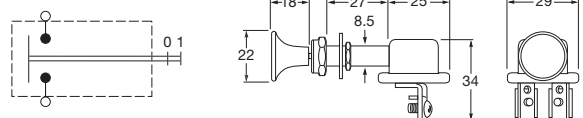
12V Bulb Incl.

12V Bulb Incl.



## 2761 On-Off Switch

**DESCRIPTION** Chrome knob and face nut. Brass construction.  
**MOUNTING** 10mm diameter opening.  
**FOR PANELS** Up to 25mm thick.  
**MAXIMUM LOAD** 20A @ 12V  
 10A @ 24V



ACCESSORIES

# Accessories Rocker Switches



12V Bulb Incl.

12V Bulb Incl.

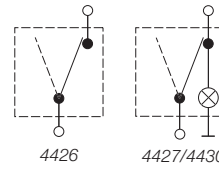
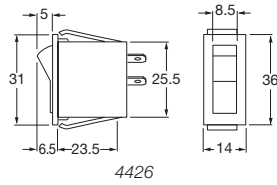
12V Bulb Incl.

12V Bulb Incl.

<b>4426</b>	Rocker Switch Off-On, Black
<b>4427</b>	Rocker Switch Off-On, Red - 12 Volt
<b>4428</b>	Rocker Switch Off-On, Green - 12 Volt
<b>4429</b>	Rocker Switch Off-On, Blue - 12 Volt
<b>4430</b>	Rocker Switch Off-On, Amber - 12 Volt

**DESCRIPTION** Push-on terminals. Panel push fit.  
**MOUNTING** 29 x 12mm opening.  
**MAXIMUM LOAD** 16A @ 12V

*Note* Suitable for 12V only. Bulb not replaceable.

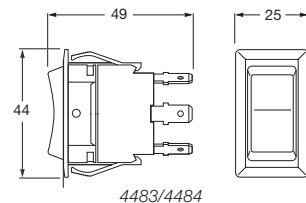
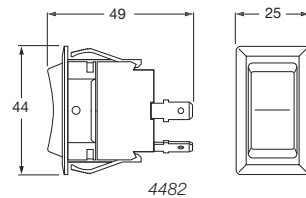
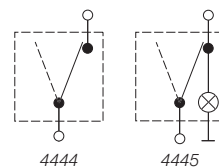
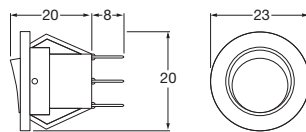


12V Bulb Incl.

12V Bulb Incl.

<b>4444</b>	Rocker Switch Off-On, Black
<b>4445</b>	Rocker Switch Off-On, Amber Illuminated - 12 Volt
<b>4446</b>	Rocker Switch Off-On, Red Illuminated - 12 Volt
<b>4447</b>	Rocker Switch On-On, Black
<b>4448</b>	Rocker Switch Off-On, Red LED - 12 Volt

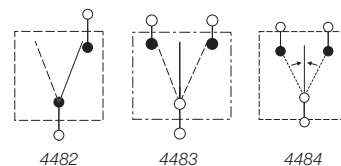
**DESCRIPTION** Push-on terminals.  
**MOUNTING** 20mm diameter opening.  
**FOR PANELS** Up to 4mm.  
**MAXIMUM LOAD** 10A @ 12V



## Heavy Duty Rocker Switch

<b>4482</b>	Rocker Switch Off-On
<b>4483</b>	Rocker Switch On-Off-On
<b>4484</b>	Rocker Switch (On)-Off-(On) - Spring Return

**DESCRIPTION** Extremely robust rocker switches featuring push-on terminals and weather resistant black plastic housing.  
**MOUNTING** 36 x 20mm opening.  
**MAXIMUM LOAD** 25A @ 12V  
 13A @ 24V



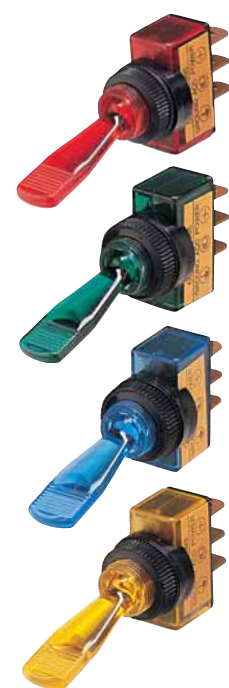
<b>4433</b>	Toggle Switch Off-On, Red - 12 Volt	
<b>4434</b>	Toggle Switch Off-On, Green - 12 Volt	
<b>4436</b>	Toggle Switch Off-On, Blue - 12 Volt	
<b>4435</b>	Toggle Switch Off-On, Amber - 12 Volt	

**12V Bulb Incl.**

**12V Bulb Incl.**

**12V Bulb Incl.**

**12V Bulb Incl.**



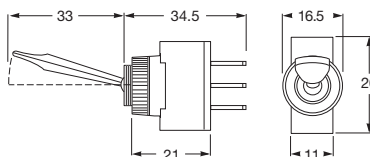
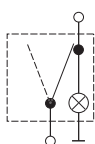
**DESCRIPTION** Two position switch, illuminated. Push-on terminals.

**MOUNTING** 12.5mm diameter opening.

**FOR PANELS** Up to 6mm thick.

**MAXIMUM LOAD** 10A @ 12V

*Note* Suitable for 12V only, bulb not replaceable.

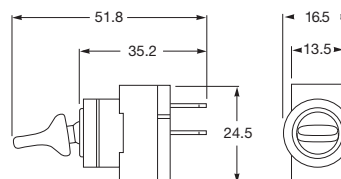
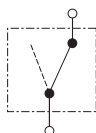


<b>4420</b>	Duckbill Switch Off-On, Black	
<b>4152</b>	Change-over Switch On-On, Black	

**MOUNTING** 12.5mm diameter opening.

**FOR PANELS** Up to 6mm thick.

**MAXIMUM LOAD** 20A @ 12V  
10A @ 24V



<b>4421</b>	Toggle Switch Off-On, Red - 12 Volt	
<b>4422</b>	Toggle Switch Off-On, Green - 12 Volt	
<b>4423</b>	Toggle Switch Off-On, Blue - 12 Volt	
<b>4424</b>	Toggle Switch Off-On, Amber - 12 Volt	

**12V Bulb Incl.**

**12V Bulb Incl.**

**12V Bulb Incl.**

**12V Bulb Incl.**

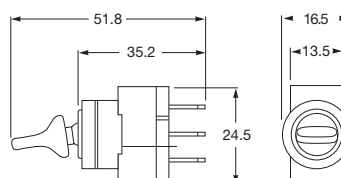
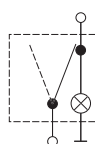


**MOUNTING** 12.5mm diameter opening.

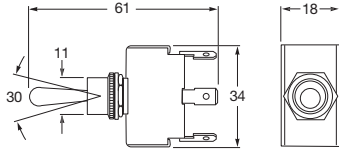
**FOR PANELS** Up to 6mm thick.

**MAXIMUM LOAD** 20A @ 12V

*Note* Suitable for 12V only, bulb not replaceable.



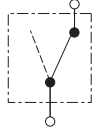
ACCESSORIES



### 4451

#### Off-On Chrome Plated Switch

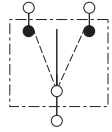
- DESCRIPTION** Two position Off-On chrome plated switch.
- MOUNTING** 12mm diameter opening.
- FOR PANELS** Up to 5mm thick.
- MAXIMUM LOAD** 20A @ 12V  
10A @ 24V



### 4302

#### On-Off-On Chrome Plated Switch

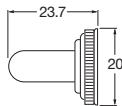
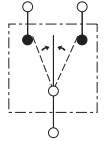
- DESCRIPTION** Three position On-Off-On chrome plated switch.
- MOUNTING** 12mm diameter opening.
- FOR PANELS** Up to 5mm thick.
- MAXIMUM LOAD** 20A @ 12V  
10A @ 24V



### 4461

#### (On)-Off-(On) Spring Return Chrome Plated Switch

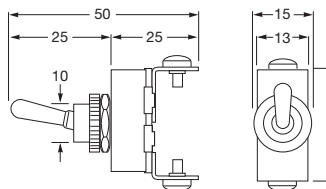
- DESCRIPTION** Three position spring return momentary On-Off-momentary-On chrome plated switch.
- MOUNTING** 12mm diameter opening.
- FOR PANELS** Up to 5mm thick.
- MAXIMUM LOAD** 20A @ 12V  
10A @ 24V



### 4452

#### Toggle Boot

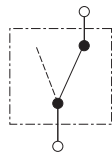
- DESCRIPTION** Suits toggle switch P/N's 4302, 4451 and 4461.



### 2762

#### Off-On Brass Toggle Switch

- DESCRIPTION** Chrome toggle and face nut. Brass construction.
- MOUNTING** 11mm diameter opening.
- FOR PANELS** Up to 6mm thick.
- MAXIMUM LOAD** 20A @ 12V  
10A @ 24V

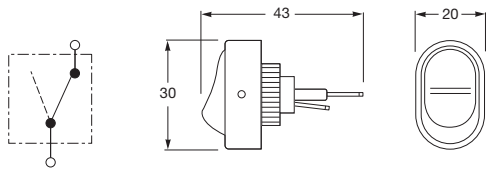


*Note* Toggle boot P/N 4452 does not fit this switch.

**4470** *Rocker Switch Off-On, Change-over - Black*

**4475** *Rocker Switch On-On, Change-over - Black*

**DESCRIPTION** Push-on terminals.  
**MOUNTING** 12mm diameter opening. (2 x 6.3mm flat-plug contacts)  
**FOR PANELS** Up to 5mm thick.  
**MAXIMUM LOAD** 16A @ 12V



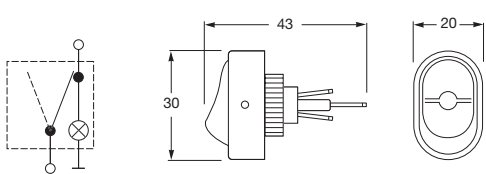
**4471** *Rocker Switch Off-On, Amber Illuminated - 12 Volt*

**4472** *Rocker Switch Off-On, Blue Illuminated - 12 Volt*

**4473** *Rocker Switch Off-On, Green Illuminated - 12 Volt*

**4474** *Rocker Switch Off-On, Red Illuminated - 12 Volt*

**DESCRIPTION** Push-on terminals.  
**MOUNTING** 12mm diameter opening. (3 x 6.3mm flat-plug contacts)  
**FOR PANELS** Up to 5mm thick.  
**MAXIMUM LOAD** 16A @ 12V  
**BULB TO SUIT** 12V bulb included (non replaceable).  
*Note* Suitable for 12V only.

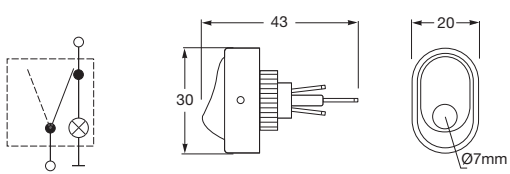


**4476** *Rocker Switch Off-On, Amber Illuminated - 12 Volt*

**4477** *Rocker Switch Off-On, Green Illuminated - 12 Volt*

**4478** *Rocker Switch Off-On, Red Illuminated - 12 Volt*

**DESCRIPTION** Push-on terminals.  
**MOUNTING** 12mm diameter opening. (2 x 6.3mm flat-plug contacts)  
**FOR PANELS** Up to 5mm thick.  
**MAXIMUM LOAD** 16A @ 12V  
**BULB TO SUIT** 12V bulb included (non replaceable).  
*Note* Suitable for 12V only.

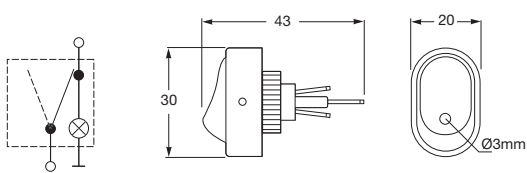


**4479** *Rocker Switch Off-On, Amber LED - 12 Volt*

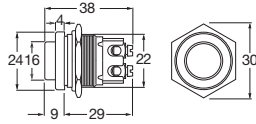
**4480** *Rocker Switch Off-On, Green LED - 12 Volt*

**4481** *Rocker Switch Off-On, Red LED - 12 Volt*

**DESCRIPTION** Push on terminals.  
**MOUNTING** 12mm diameter opening. (2 x 6.3mm flat-plug contacts)  
**FOR PANELS** Up to 5mm thick.  
**MAXIMUM LOAD** 16A @ 12V  
**BULB TO SUIT** LED included (non replaceable).  
*Note* Suitable for 12V only.



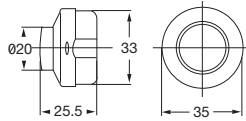
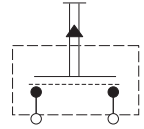
ACCESSORIES



## 4501

### Off-(On) Push Button Starter Switch

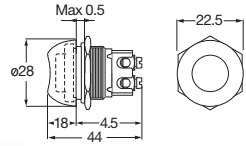
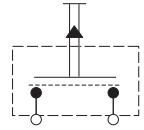
- DESCRIPTION** Off-momentary on push button (spring return).
- MOUNTING** 22mm diameter opening.
- FOR PANELS** Up to 5mm thick.
- MAXIMUM LOAD** 20A @ 12V  
10A @ 24V



## 4502

### Off-(On) Push Button Starter Switch

- DESCRIPTION** Chrome body. Off-momentary on push button (spring return).
- MOUNTING** Surface mounting.
- MAXIMUM LOAD** 10A @ 12V  
5A @ 24V

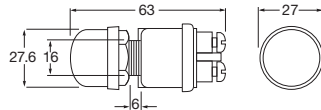
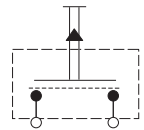


## 4503

### Off-(On) Push Button Starter Switch

- DESCRIPTION** Water resistant push button type with rubber cap. Off-momentary on push button (spring return).
- MOUNTING** 22mm diameter opening.
- FOR PANELS** Up to 2mm thick.
- MAXIMUM LOAD** 20A @ 12V  
10A @ 24V

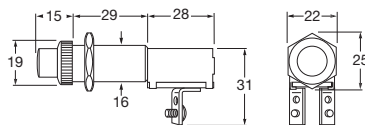
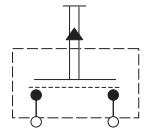
*Note* Do not remove rubber cap/front face nut when fitting.



## 4506

### Off-(On) Push Button Starter Switch

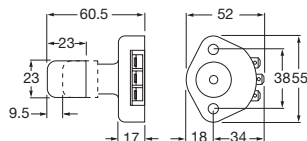
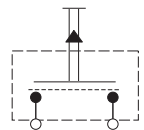
- DESCRIPTION** Water resistant starter switch. Off-momentary on push button (spring return).
- MOUNTING** 16mm diameter opening.
- FOR PANELS** Up to 10mm thick.
- MAXIMUM LOAD** 60A @ 12V  
40A @ 24V



## 2763

### Off-(On) Push Button Starter Switch

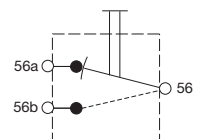
- DESCRIPTION** Brass construction. Chrome plated face nut and button. Off-momentary on push button (spring return).
- MOUNTING** 16mm diameter opening.
- FOR PANELS** Up to 25mm thick.
- MAXIMUM LOAD** 20A @ 12V  
10A @ 24V



## 4100

### Spring Return Foot Operated Dipper Switch

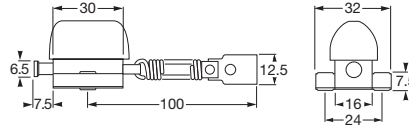
- DESCRIPTION** Push on terminals (spring return).
- MOUNTING** Surface mounting.
- MAXIMUM LOAD** 12A @ 12V  
6A @ 24V



## 4560 Stop Lamp Switch

**DESCRIPTION** Normally open, contacts are closed when tension is applied to the spring. Complete with splash proof rubber cap. Brake linkage clamp. 6mm diameter.

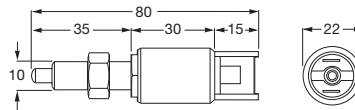
**MAXIMUM LOAD** 10A @ 12V  
5A @ 24V



## 4562 Stop Lamp Switch

**DESCRIPTION** Thread M10 x 1.25. Suits most Japanese vehicles.

**NEW ENTRY**



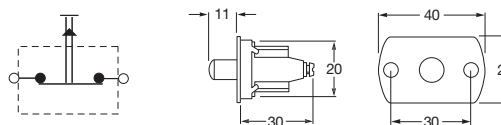
## Door Contact Switches

### 4550 Door Contact Switch

**DESCRIPTION** Switch closes circuit if door is opened.

**MOUNTING** 21mm diameter opening.

**MAXIMUM LOAD** 2A @ 12V  
1A @ 24V



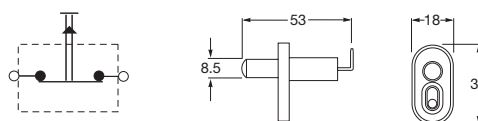
### 4553 Door Contact Switch

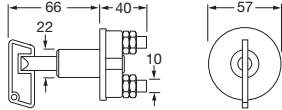
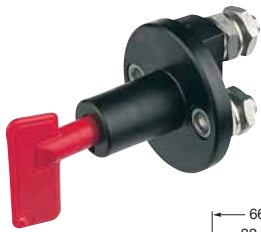
**DESCRIPTION** Switch closes circuit if door is opened. Corrosion proof black plastic. Rubber seal. Push-on terminal.

**MOUNTING** 12mm diameter opening.

**MAX LOAD** 3.5A @ 12V

*Note* Plunger automatically adjusts to door gap on initial operation.



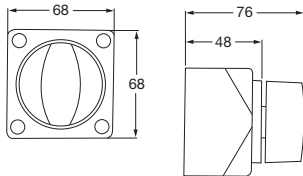


## 4650

### Battery Master Switch

<b>DESCRIPTION</b>	For cars and medium trucks. Complete with removable key. For interrupting circuits (prevents theft and short circuit).	
<b>MOUNTING</b>	24mm diameter opening	
<b>MAXIMUM LOAD</b>	12V	1000A for up to 10 seconds.
	24V	500A for up to 10 seconds.
<b>MAXIMUM CONTINUOUS LOAD</b>	12V/24V - 50A at a maximum ambient temperature of 80°C with 35mm <sup>2</sup> lead connected with ring-type terminals.	
<b>TERMINATION</b>	2 x 10mm studs	
<b>SPARE PART</b>	4652	Spare key

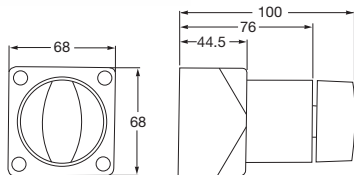
*Note* Switch not designed for Marine applications.



## 4640

### Battery Master Switch

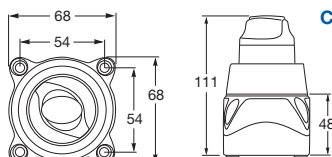
<b>DESCRIPTION</b>	For cars and medium trucks. Complete with removable key.	
<b>MOUNTING</b>	Recess or surface mount.	
<b>MAXIMUM LOAD</b>	12V/24V	1250A for up to 10 seconds
<b>MAXIMUM CONTINUOUS LOAD</b>	12V/24V	275A
<b>TERMINATION</b>	2 x 10mm studs	
<b>SPARE PART</b>	4641	Spare key



## 4724

### Remote Operated Battery Master Switch

<b>DESCRIPTION</b>	Remote operated battery switch that may be used manually, or remotely with a separate switch (not supplied). Battery switch may be mounted closer to the battery reducing cable lengths. Complete with removable key.	
<b>MOUNTING</b>	Recess or surface mount.	
<b>VOLTAGE</b>	12/24V	
<b>POWER CONSUMPTION</b>	2W @ 12V when operating, 0.25W static.	
<b>MAXIMUM LOAD</b>	12V/24V	1250A for up to 10 seconds.
<b>MAXIMUM CONTINUOUS LOAD</b>	12V/24V	275A
<b>TERMINATION</b>	2 x 10mm studs.	
<b>CABLE LENGTH</b>	500mm	



## 4722

### Battery Master Switch

<b>DESCRIPTION</b>	For cars and medium trucks. Complete with removable key.	
<b>MOUNTING</b>	Recess or surface mount, 25mm diameter.	
<b>MAXIMUM LOAD</b>	12V/24V	1250A for up to 10 seconds.
<b>MAXIMUM CONTINUOUS LOAD</b>	12V/24V	275A
<b>TERMINATION</b>	2 x 10mm studs.	

## 4653 Heavy Duty Battery Master Switch

**DESCRIPTION** For trucks, buses and earth moving equipment. Complete with removable key.

**MOUNTING** 23mm diameter opening.

**MAXIMUM LOAD** 12V 5000A for 10 seconds.  
24V 2500A for 10 seconds.

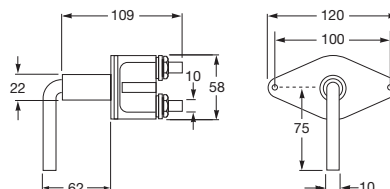
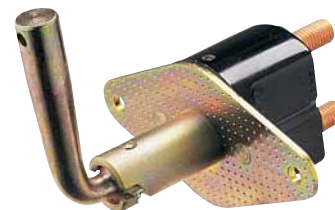
**MAXIMUM CONTINUOUS LOAD** 12/24V 100A continuous at a maximum ambient temperature of 60°C with 50mm<sup>2</sup> lead connected with ring-type terminals.

**TERMINATION** 2 x 10mm studs.

**SPARE PART** 4654 Spare key

**PROTECTION** IP X4 (Protection against water splashing)

*Note* Switch not designed for Marine applications.



## 4720 Heavy Duty Battery Master Switch

**DESCRIPTION** For commercial use. Features sliding contact for self cleaning.

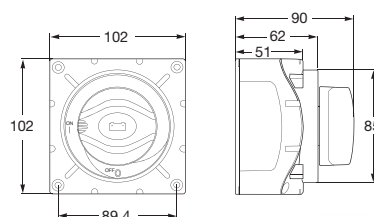
**MOUNTING** Recess or surface.

**MAXIMUM LOAD** 12V/24V 2500A for 10 seconds.

**MAXIMUM CONTINUOUS LOAD** 12V/24V 600A

**TERMINATION** 2 x 12mm studs.

**PROTECTION** IP 56 (Protection against solid foreign objects up to 1mm and powerful water jets)



## Battery Selectors

### 4723 Battery Selector Switch

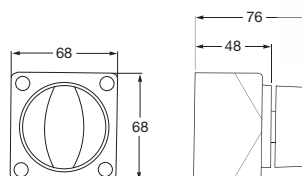
**DESCRIPTION** Battery switch to select either from two power sources or combine together. Will also isolate from the power sources.

**MOUNTING** Recess or surface mount.

**MAXIMUM LOAD** 12V/24V 1000A for up to 10 seconds.

**MAXIMUM CONTINUOUS LOAD** 12V/24V 200A

**TERMINATION** 3 x 5/16" studs



### 4721 Battery Selector Switch

**DESCRIPTION** Battery switch to select either from two power sources or combine together. Will also isolate from the power sources.

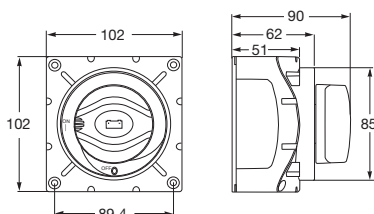
**MOUNTING** Recess or surface mount.

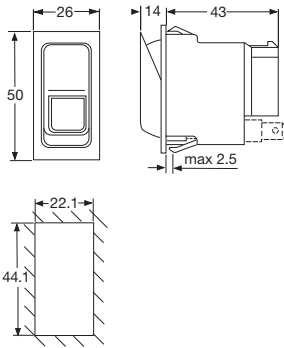
**MAXIMUM LOAD** 12V/24V 1500A for up to 10 seconds.

**MAXIMUM CONTINUOUS LOAD** 12V/24V 350A

**TERMINATION** 3 x 10mm studs.

**PROTECTION** IP 56 (Protection against solid foreign objects up to 1mm and powerful water jets)





### Rocker Switches






**DESCRIPTION** Hella universal flush-fit rocker switches are readily adaptable to 12 and 24V applications. This large and varied range covers nearly all switching types and connections. A wide selection of symbols ensures proper labelling of all main switching and monitoring functions. The switching and control displays can be illuminated.

**MOUNTING** Directly to properly dimensioned opening (thickness 1 - 2.5mm) or by mounting panels (see page 211).

**MAXIMUM LOAD** 16A @ 12V, 8A @ 24V

*Note* Connectors, symbols, mounts and bulb holders to be purchased separately.







### On-Off Switches



- 6EH 007 832-011**  On-Off switch.  
Suitable for use with location light.
- 6EH 007 832-021**   On-Off switch.  
Suitable for use with location light and pilot light.
- 6EH 007 832-041**   On-Off switch.  
With mechanism for blocking operation.  
Suitable for use with location light and pilot light.

### Momentary Spring Return Switches

- 6GM 007 832-181**  On-Off switch.  
Without location light, without pilot light.
- 6GM 007 832-191**  On-Off switch.  
Suitable for use with location light.
- 6GM 007 832-271**  On-Off switch.  
With mechanism for blocking operation.  
Suitable for use with location light.
- 6GM 007 832-221**  Change-over switch.  
Suitable for use with location light.
- 6GM 007 832-251**  On-Off-On switch.  
Suitable for use with location light.

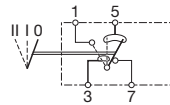
### Change-Over Switches

- 6FH 007 832-051**  Change-over switch.  
On-On switch.  
Without location light, without pilot light.
- 6FH 007 832-061**  Change-over switch.  
On-On switch.  
Suitable for use with location light.
- 6FH 007 832-101**   Change-over switch.  
On-On switch.  
Suitable for use with location light and pilot light.  
Six 6.3mm flat-plug contacts.
- 6FH 007 832-131**  Change-over switch.  
On-Off-On switch.  
Three 6.3mm flat-plug contacts. Three switch positions.  
Without location light, without pilot light.
- 6FH 007 832-161**  Change-over switch.  
On-Off-On switch.  
Without location light, without pilot light.

*Note:*  Location lamp illuminates lamp with park lights.  
 Pilot lamp illuminates when switch is in the 'on' position.

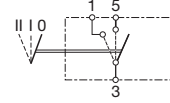
**6RH 007 832-511**

Without location light, without pilot light.  
Four 6.3mm flat-plug contacts.  
Double change-over switch.



**6RH 007 832-331**

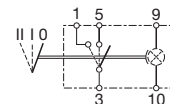
Without location light, without pilot light.  
Three 6.3mm flat-plug contacts.  
Combination switch.  
Off-On-On switch.



**6RH 007 832-351**



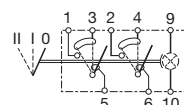
Suitable for use with location light and pilot light.  
Combination switch.  
Off-On-On switch.



**6RH 007 832-377**

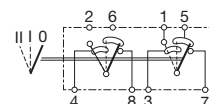


Suitable for use with location light and pilot light.  
Six 6.3mm flat-plug contacts.  
Combination switch.  
Off-On-On switch.



**6RH 007 832-381**

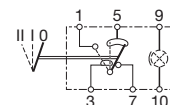
Eight 6.3mm flat-plug contacts.  
Combination switch.  
Off-On-On switch.



**6RH 007 832-391**



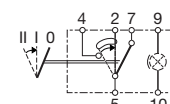
Suitable for use with location light, without pilot light.  
Four 6.3mm flat-plug contacts.  
Three switch positions.  
Max load 16A @ 12V, 8A @ 24V. Combination switch.  
Off-On-On switch.



**6RH 007 832-411**

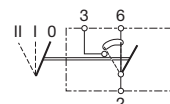


Suitable for use with location light.  
Combination switch.  
Off-On-On momentary switch.



**6RH 007 832-431**

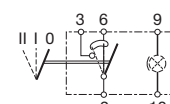
Three 6.3mm flat-plug contacts.  
Combination switch.  
Off-On-On switch.



**6RH 007 832-441**

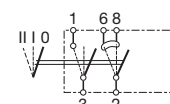


Suitable for use with location light.  
Three 6.3mm flat-plug. Contacts. Combination switch. Off-On-On switch.



**6RH 007 832-451**

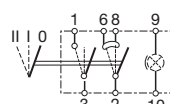
Five 6.3mm flat-plug contacts.  
Combination switch.  
Off-On-On switch.



**6RH 007 832-461**



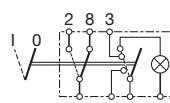
Suitable for use with location light.  
Five 6.3mm flat-plug contacts.  
Combination switch.  
Off-On-On switch.



**6HH 007 832-281**



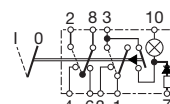
Without location light. Seven 6.3mm flat-plug contacts.  
Two switch positions. Max load 10A @ 12V and 24V.  
With pre-fitted bulb. Hazard flasher switch.



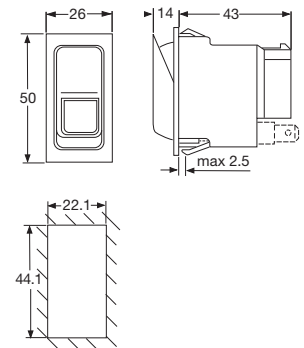
**6HH 007 832-301**



With location light and pilot light.  
Nine 6.3mm flat-plug contacts.  
With pre-fitted 24V bulb.  
Hazard flasher switch.



Note: Location lamp illuminates lamp with park lights.  
 Pilot lamp illuminates when switch is in the 'on' position.



## Symbol Cards for Switches



Please see page 210 for the range of coloured symbols.

## Symbol Cards for Switches 007 832-...

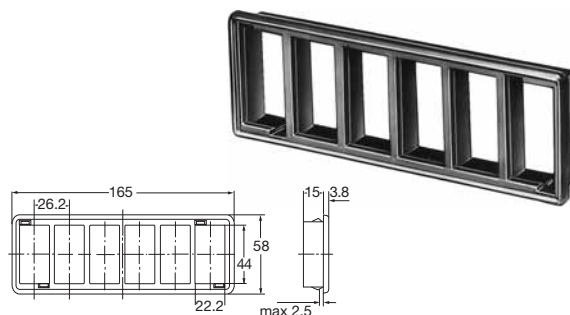
Symbol Card	Part No.	Symbol	Symbol Card	Part No.	Symbol
Without symbol	9XT 713 630-001		Battery	9XT 714 300-201	
Without symbol	9XT 713 630-011		Temperature	9XT 714 300-191	
Without symbol	9XT 713 630-021		Window lift	9XT 713 630-181	
Without symbol	9XT 713 630-031		Windscreen	9XT 713 630-101	
Light	9XT 713 630-301		Window wiper/wash	9XT 713 630-121	
Main beam	9XT 714 300-131		Windscreen wash	9XT 713 630-131	
Fog lamp	9XT 713 630-351		Rear window wiper	9XT 713 630-141	
Work lamp front	9XT 713 630-421		Heated rear window	9XT 713 630-231	
Work lamp rear	9XT 713 630-701		Heated outside mirror	9XT 713 630-481	
Dipped beam	9XT 713 630-311		Defroster	9XT 713 630-521	
Rear fog lamp	9XT 713 630-361		Air horn	9XT 713 630-461	
Flasher lamp	9XT 714 300-141		<b>Fan:</b> Fast	9XT 713 630-251	
Warning lamp	9XT 713 630-391		Slow	9XT 713 630-531	
<b>Interior lighting:</b> High	9XT 713 630-271		Fresh air	9XT 713 630-291	
Medium	9XT 714 300-031		Roof fan	9XT 713 630-681	
Low	9XT 713 630-501		Heater	9XT 713 630-201	
Map lamp	9XT 713 630-511		Heater fan	9XT 713 630-221	
Driving compartment lighting	9XT 713 630-491		Fast	9XT 713 630-401	
Boot lighting	9XT 713 630-641		Slow	9XT 713 630-691	
Main light	9XT 713 630-261		Front door	9XT 713 630-551	
Work light	9XT 713 630-371		Rear door	9XT 713 630-561	
Rotating beacon	9XT 713 630-281		Lower	9XT 713 630-621	
Rotating beacon	9XT 713 630-711		Raise	9XT 713 630-631	
Lubrication	9XT 714 300-181		Trailing axle	9XT 714 300-061	
Parking brake	9XT 714 300-011		Change-over tanks	9XT 714 300-051	

## Accessories for Switches in Model Range 007 832-...

### Mounting Panels

**8HG 713 626-001** Mounting Panel for Six Switches - 156.1 x 48.2mm

**8HG 714 504-001** Mounting Panel for Three Switches - 77.6 x 48.2mm

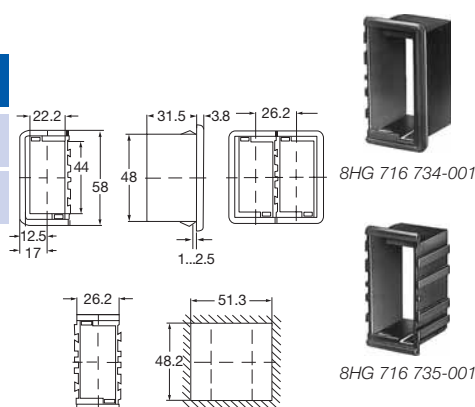


### Modular Mounting-Panel System

**8HG 716 734-001** Modular Mount - End Piece

**8HG 716 735-001** Modular Mount - Middle Piece

**DESCRIPTION** Two end pieces are required to make a mounting panel. By adding middle pieces, this panel can be extended as required.



**9HB 713 629-001** Blanking Plug for Empty Switch Apertures

### Warning Lights

**2AA 713 628-021** With Pre-fitted 12 Volt Bulbs

**2AA 713 628-031** With Pre-fitted 24 Volt Bulbs

**2AA 713 628-041** With Multi-voltage LEDs

**BULBS TO SUIT** 12V W121.2  
24V W241.2

12V Bulb Incl.

24V Bulb Incl.

LED Multivolt

**9FF 713 627-001** Bulb Holder with 12 Volt Bulb

**9FF 713 627-011** Bulb Holder with 24 Volt Bulb

**BULBS TO SUIT** 12V W121.2  
24V W241.2

12V Bulb Incl.

24V Bulb Incl.

### Connectors

**8JA 713 631-001** Connector for Switch - 8 Pole

**8JA 715 600-001** Connector - 2 Pole for Bulb Holder

**8573** Brass Terminals for Connectors - 100 pack



8JA 713 631-001



8JA 715 600-001