

All dimensions in mm

Specifications:

Continuous rating:	275 amps DC
Intermittent rating:	455 amps DC
Cranking rating:	1250 amps DC
Maximum Voltage:	32 volts DC
Operation:	Manual Auto
Mounting:	Recessed or surface
Auto Operating range:	8 to 30 volts DC
Stud Size:	2 x 10mm (3/8")
Power draw:	Switch in off position: 15mA
Max. Cable Size:	50mm ²

IMPORTANT

It is the installer's responsibility to fit and use this product in a manner that will not cause accidents, personal injury or property damage. Please follow the installation instructions supplied. If installation is not correct, the unit may not perform at its designed potential.

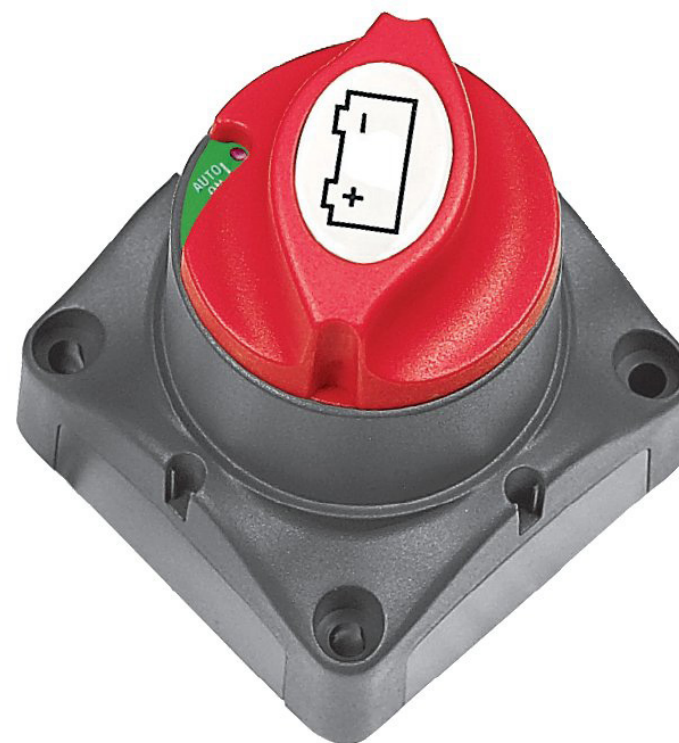
Manufactured for Hella by BEP Marine Limited

Part No: 6EN 980 835-001 / 4724



MOTORISED BATTERY SWITCH

Operation and Installation Instructions



Features

- Ignition protected
- Tin plated copper studs and nuts

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Introduction:

The Motorised Battery Switch has the same mechanism as the well proven part number 4640. The essential difference being the switching action has been motorised.

This permits switching of battery banks remotely. A typical installation is a key operated switch at the helm station and the motorised battery switch installed as close as practical to the battery bank.

Apart from the convenience of such an installation, this arrangement permits much shorter cable runs to starter motors and other high current applications such as bow thrusters and inverters. As a result voltage drop and use of heavy cable can be kept to a minimum.

General Operation:

The Motorised Battery Switch has two modes of operation, auto and manual. There is a LED located on the battery switch indicating battery switch status.

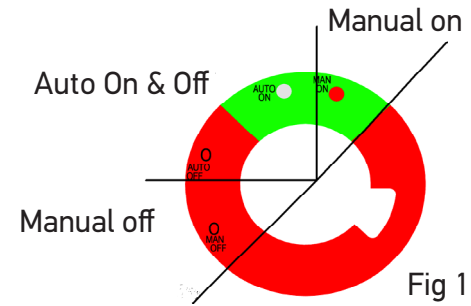
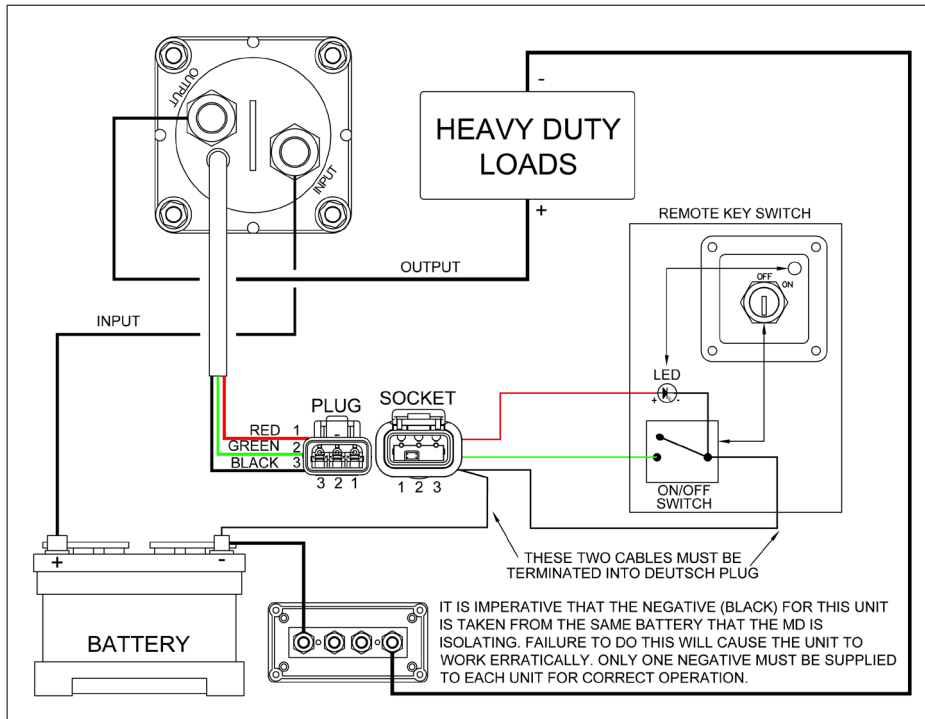


Fig 1

Auto Operation:

The 4724 moves from a state of “Auto Off” to “Auto On” when the remotely mounted switch is turned on. During the time that the battery switch is in “Auto On” mode, the “Auto On” LED is illuminated.

Auto operation of the Battery Switch is not possible whilst in manual mode. If auto operation is attempted, the LED will flash for 3 seconds then stop. Knob must be returned to “Auto Off” before normal auto operation can continue.

Auto Mode LED Indications:

- LED OFF: Battery switch is off
- LED ON: Battery switch is on
- LED FLASHING: LED flashes whilst moving between auto on and auto off.
- LED Rapid Flash: On 0.1 sec & Off 0.1 Sec: Voltage is outside specification i.e. Less than 8 volts or greater than 30 volts.

Manual Operation:

The automatic operation of the battery switch can be overridden at anytime by depressing the control knob and turning clockwise towards the “Man On” position or counter clockwise towards the “Man Off” position. During the time that the Battery switch is in “Man On” mode, the “Man On” LED is illuminated. Refer to Fig 1.

Manual Mode LED Indications:

- LED OFF: Battery Switch is off
- LED ON: Battery Switch is on