

## BATTERY MAIN SWITCH

The battery main switches from BlueSeaSystems for universal installation, surface mounting or panel mounting. All battery main switches have protection class IP 66 and are Ignition Protected according to UL1500 / SAE

J1171. The specified currents apply to a cable cross-section of 120 qmm and cannot be switched, but are only valid in the switched-on state as load capacity!

Application		<b>Main switch On/Off</b> <b>ON</b> <b>OFF</b>	<b>Selector für Powerboats using 2 engine batteries</b> <b>OFF</b> <b>Battery 1</b> <b>Battery 2</b>	<b>Selector für Powerboats using 2 engine batteries</b> <b>OFF</b> <b>Battery 1</b> <b>Battery 2</b> <b>Paralleling I+II</b>	<b>Main Switch On/Off 2-pole for metal boats</b> <b>OFF</b> <b>ON</b>	<b>One main switch for two Battery groups</b> <b>OFF</b> <b>ON</b> <b>Paralleling I+II</b>
<b>Type</b> <b>Item-No.:</b>	<b>BHM 300</b> <b>7 0010 6006</b>	<b>BWS 303</b> <b>7 0010 6008</b>	<b>BWS 304</b> <b>7 0010 6007</b>	<b>BHM 220 (2-pole)</b> <b>7 0010 6010</b>	<b>BHM 230 (2-pole)</b> <b>7 0010 6011</b>	
<b>Operation voltage</b> <b>Continous current</b> <b>Peak current</b> <b>Connection</b> <b>Dimensions</b>	48 V DC 300 A 900 A / 30 s M10, length 22mm, tinned copper, max. tightening torque 13 Nm L 72 x W 72 x H 55 mm, mounting hole $\varnothing$ 59 mm for rear mounting, mounting hole $\varnothing$ 67 mm for front mounting	32 V DC 300 A 900 A / 30 s	32 V DC 300 A 900 A / 30 s	32 V DC 300 A per Line 675 A / 30 s per Line	32 V DC 300 A per Line 675 A / 30 s per Line	
<b>Type</b> <b>Item-No.:</b>	<b>BHS 350</b> <b>7 0010 9003</b>	<b>BWS 353</b> <b>7 0011 1001</b>	<b>BWS 350</b> <b>7 0010 9001</b>	<b>BHS 320 (2-pole)</b> <b>7 0012 5510</b>	<b>BHS 330 (2-pole)</b> <b>7 0012 5511</b>	
<b>Operation voltage</b> <b>Continous current</b> <b>Peak current</b> <b>Connection</b> <b>Dimensions</b>	48 V DC 350 A 1200 A / 30 s M10, length 22mm, tinned copper, max. tightening torque 15 Nm L 98 x W 98 x H 76 mm, mounting hole $\varnothing$ 92 mm for rear mounting	32 V DC 350 A 1200 A / 30 s	32 V DC 350 A 1200 A / 30 s	32 V DC 350 A per Line 700 A / 30 s per Line	32 V DC 350 A per Line 700 A / 30 s per Line	
<b>Type</b> <b>Item-No.:</b>	<b>BHD 600</b> <b>7 0012 3000</b>	<b>BWD 503</b> <b>7 0011 1003</b>	<b>BWD 504</b> <b>7 0012 3002</b>			
<b>Operation voltage</b> <b>Continous current</b> <b>Peak current</b> <b>Connection</b> <b>Dimensions</b>	32 V DC 600 A 1750 A / 30 s M12, length 22mm, tinned copper, max. tightening torque 24 Nm L 98 x W 98 x H 76 mm, mounting hole $\varnothing$ 92 mm for rear mounting	32 V DC 500 A 1600 A / 30 s	32 V DC 500 A 1600 A / 30 s			

## ▶ REMOTE BATTERY MAIN SWITCH

Main battery switch for high strain and high current range. Professional high quality design based on the experience from the relay technique in waterproof execution.

The key of all models is removable (exc. BH 200- 80F) when switched off. Built-in or flange mounting, hole - $\varnothing$  25 mm, max. wall thickness 33mm.

The use of solid silver contacts guarantee the lower resistance avoiding oxidation and the lack of contacts by switching lightning, and thus a higher load and longer life.



Connecting terminals are tinned brass.

High temperature polyamide.

Protective system IP67 also with removed key.



Type	BH 200 F	BH 200-80 F	BH 400 F	BH 500 F	BH 220 F (2-pole)
Item-No.:	6 0003 5200	6 0003 5210	6 0003 5400	6 0003 5500	6 0003 5220
Cont. current, max. voltage	200 A / 32 V	200 A / 80 V	400 A / 32 V	500 A / 32 V	2x 200 A / 32 V
Peak current	500 A / 3 min 1000 A / 30 s	500 A / 3 min 1000 A / 30 s	1200 A / 4 min 2000 A / 10 s	1500 A / 4 min 2500 A / 10 s	2x 500 A / 4 min 2x 1000 A / 30 s
Connection	M10	M10	M10	M10	M8 2 pole for + and -
Protection	IP 67	IP 67	IP 67	IP 67	IP 67
Dimensions	$\varnothing$ 55 x 105 mm	$\varnothing$ 55 x 105 mm	120 x 70 x 120 mm	120 x 70 x 126 mm	120 x 70 x 120 mm

The installation of a remote control main switch has several advantages: the safe and comfortable switching from a well accessible place which is easy to reach also in case of an emergency. The wiring system benefits

from an installation of the main switch near the battery. Thus the voltage drop by longer wires will be avoided and the system works optimal.



**FHR 265** Item-No.: 0 8302 2670

Bistable main switch relay with integrated electronic control and LED status indication. Operation via external switch 0-1 or remote control panel FAR (page 66).

Rated Voltage	DC 12 V + 24 V
Live Current Rating	DC 260 A @ 20°C, 50 mm <sup>2</sup>
Intermittent / Cranking Rating	DC 400A / 5s, 1500A / 0,2s
Operating Current	1 mA
Dimensions, Terminal	L 124 x W 95 x H 50 mm, M8
Protection	IP 54

**CG 4 A 200** Item-No.: 6 4004 2001

Key operated switch (0-1) for remote control of FBR 265. The key can be withdrawn in off position. Rated current 10A, Mounting hole  $\varnothing$  22 mm



**FBR 500 -12** Item-No.: 7 0010 7700  
**FBR 500 -24** Item-No.: 7 0010 7702

Bi-stable remote battery switch with manual override knob. Protection IP 66. Remote control switch incl. in delivery.

Matching panel for remote switch: panel 711 (please order separately).

Rated voltage	12 V or 24 V
Live Current Rating	500 A @ 20°C, 95 mm <sup>2</sup>
Intermittent / Cranking Rating	2500 A / 5 s
Consumption	0 mA
Terminal stud size	3/8"-16 (M10)
Dimensions	W 139 x H 95 x D 53 mm

**RCS 0-1** Item-No.: 7 0010 2155

Remote control switch (0-1) with LED state indicator for remote control main switch FBR 265 and TSA 265. Matching mounting panel: Panel 711 Item-No.: 0 2990 7110 (please order separately)