

# Electric Components

## NEW: BRS102/S, WLC200

Each electric winch requires one control box, one breaker, and two switches. A load controller is optional. Hydraulic units require two switches. See page 199 for other hydraulic components.

### Switches

Harken® offers simple, waterproof switches for electric and hydraulic winches. Order two switches for each winch.

### Electrical Control Boxes

Electric control boxes contain solenoids to operate the winches. Based on winch size and voltage, select one control box for each electric winch.

### High-Amperage Circuit Breakers

Harken® offers four panel-mount, high-amperage circuit breakers. They are compact, waterproof, weather-resistant, and ignition-protected. Circuit breakers are available in 12 or 24 volts DC.

### Load Controller

Electronic load controllers protect hardware and sails by automatically limiting the amount of tension a winch can apply. When loads exceed the preset maximum load, the controller switches off the electrical current to the winch. Load controllers are optional.



BRS104/P



BRS102/P



BRS102/S



BEB500.12.1  
BEB1000.12.1  
BEB1000.24.1



HCP1717  
HCP1718  
HCP1719



WLC200.12.1  
WLC200.12.2  
WLC200.24.2  
WLC200.12.3  
WLC200.24.3

### Deck Switches

Part No.	Description	Length		Width		Height		Weight	
		in	mm	in	mm	in	mm	oz	g
BRS102/P/S	Remote switch w/guard	2 <sup>11</sup> / <sub>16</sub>	68	2 <sup>11</sup> / <sub>16</sub>	68	<sup>13</sup> / <sub>16</sub>	21	4.5	128
BRS104/P/S	Remote switch w/guard	3 <sup>7</sup> / <sub>8</sub>	85	3	76	<sup>9</sup> / <sub>4</sub>	19	3.4	95

### Electric Control Boxes

Part No.	Voltage	Length		Width		Height		Weight oz	Weight g	Use with winch
		in	mm	in	mm	in	mm			
BEB500.12.1	12	5 <sup>1</sup> / <sub>2</sub>	140	3 <sup>5</sup> / <sub>32</sub>	80	4 <sup>11</sup> / <sub>32</sub>	110	35.3	1000	B40.2STEH
BEB1000.12.1	12	5 <sup>1</sup> / <sub>2</sub>	140	3 <sup>5</sup> / <sub>32</sub>	80	4 <sup>11</sup> / <sub>32</sub>	110	35.3	1000	B44.2STE to 980STE
BEB1000.24.1	24	5 <sup>1</sup> / <sub>2</sub>	140	3 <sup>5</sup> / <sub>32</sub>	80	4 <sup>11</sup> / <sub>32</sub>	110	35.3	1000	B44.2STE to 980STE

### Load Controllers

Part No.	Use with winch	Voltage	Motor power watts	Cut-off load*		Length		Width		Height		Weight	
				lb	kg	in	mm	in	mm	in	mm	oz	g
WLC200.12.1	B40	12	500	1213	550	3 <sup>11</sup> / <sub>32</sub>	85	2 <sup>7</sup> / <sub>32</sub>	56	1 <sup>3</sup> / <sub>8</sub>	35	7.4	210
WLC200.12.2	B44/46	12	1500	1985/2051	900/930	3 <sup>11</sup> / <sub>32</sub>	85	2 <sup>7</sup> / <sub>32</sub>	56	1 <sup>3</sup> / <sub>8</sub>	35	7.4	210
WLC200.24.2	B44/46	24	2000	1985/2051	900/930	3 <sup>11</sup> / <sub>32</sub>	85	2 <sup>7</sup> / <sub>32</sub>	56	1 <sup>3</sup> / <sub>8</sub>	35	7.4	210
WLC200.12.3	B48/53	12	1500	2205/2426	1000/1100	3 <sup>11</sup> / <sub>32</sub>	85	2 <sup>7</sup> / <sub>32</sub>	56	1 <sup>3</sup> / <sub>8</sub>	35	7.4	210
WLC200.24.3	B48/53	24	2000	2205/2426	1000/1100	3 <sup>11</sup> / <sub>32</sub>	85	2 <sup>7</sup> / <sub>32</sub>	56	1 <sup>3</sup> / <sub>8</sub>	35	7.4	210

\*Contact Harken Italy for customized load presets

### Circuit Breakers

Part No.	Max amps	Power watts	Use with winch
<b>24 Volt</b>			
HCP1717	80	2000	B44.2STE to B980.2STE
<b>12 Volt</b>			
HCP1717	80	500	B40.2STE
HCP1718	100	1500	B44.2STE to B60.2STE
HCP1719	150	1500	B70.2STE to B980.2STE