



## BS200/S Backplanes

The BS200/S backplanes for protection class 1 mechanically and electrically connect the hardware modules of the M200 controller, such as power supply unit, processor module, and I/O modules. They are the backbone of the controller.

### Features

- 3 to 16 module slots
- Seamless connectable/extendable
- Stable mechanics / compact design
- Vibration proof fixing of modules
- Can be snapped on EN 60715 DIN rail
- For protection class 1
- Grounding tab for protective conductor connection, necessary for use of voltages other than SELV

Part type designation	Part number
BS203/S	00018517-00 <sup>1)</sup>
BS204/S	00018519-00 <sup>1)</sup>
BS205/S	00018520-00 <sup>1)</sup>
BS206/S	00018521-00 <sup>1)</sup>
BS207/S	00018522-00 <sup>1)</sup>
BS208/S	00018524-00 <sup>1)</sup>
BS209/S	00018525-00 <sup>1)</sup>
BS210/S	00018526-00 <sup>1)</sup>
BS211/S	00018527-00 <sup>1)</sup>
BS212/S	00018528-00 <sup>1)</sup>
BS213/S	00018529-00 <sup>1)</sup>
BS214/S	00018530-00 <sup>1)</sup>
BS215/S	00018531-00 <sup>1)</sup>
BS216/S	00018532-00 <sup>1)</sup>

<sup>1)</sup> Grounding tab is included

**BS200/S series**

Dimensions	
Number of module slots	3 to 16
Width	55 mm x number of module slots
Depth	23 mm incl. connector
Height	119 mm without grounding conductor connection 137 mm with grounding conductor connection
Approvals/Certificates	
General	CE, UKCA, cULus
Marine	ABS, BV, DNV, KR, LR, NK, RINA
Environmental conditions	
Operating temperature	-30 °C to +60 °C (vertical: -30 °C to +55 °C)
Relative humidity, operation	5 % to 95 % noncondensing
Storage temperature	-40 °C to +85 °C
Relative humidity, storage	5 % to 95 % with condensation

**Order data**

Part type designation	Part number	Description
BS203/S	00018517-00 <sup>1)</sup>	Backplane with 3 module slots, Protection class 1
BS204/S	00018519-00 <sup>1)</sup>	Backplane with 4 module slots, Protection class 1
BS205/S	00018520-00 <sup>1)</sup>	Backplane with 5 module slots, Protection class 1
BS206/S	00018521-00 <sup>1)</sup>	Backplane with 6 module slots, Protection class 1
BS207/S	00018522-00 <sup>1)</sup>	Backplane with 7 module slots, Protection class 1
BS208/S	00018524-00 <sup>1)</sup>	Backplane with 8 module slots, Protection class 1
BS209/S	00018525-00 <sup>1)</sup>	Backplane with 9 module slots, Protection class 1
BS210/S	00018526-00 <sup>1)</sup>	Backplane with 10 module slots, Protection class 1
BS211/S	00018527-00 <sup>1)</sup>	Backplane with 11 module slots, Protection class 1
BS212/S	00018528-00 <sup>1)</sup>	Backplane with 12 module slots, Protection class 1
BS213/S	00018529-00 <sup>1)</sup>	Backplane with 13 module slots, Protection class 1
BS214/S	00018530-00 <sup>1)</sup>	Backplane with 14 module slots, Protection class 1
BS215/S	00018531-00 <sup>1)</sup>	Backplane with 15 module slots, Protection class 1
BS216/S	00018532-00 <sup>1)</sup>	Backplane with 16 module slots, Protection class 1

<sup>1)</sup> Grounding tab is included

**Accessories**

Part type designation	Part number	Description
K-BS240	00010519-00	Backplane expansion cable manufactured 40-poles