



BS200/E Backplanes

The backplanes BS200/E interconnect – as the BS200 series – the M1 controller hardware modules, such as power supplies, CPU modules and input / output modules, mechanically and electrically.

With its robust design, the E series ensures direct mounting on the control cabinet back panel without a DIN rail to optimize thermal and mechanical connection. Through this coupling, the heat can be transported through the rear panel of the cabinet housing, in which the cooling of the interior becomes much easier. Frequently, a maintenance-intensive active cooling of the components in the interior can therefore be avoided. A functional earth connection is prepared.

- 3 to 10 module slots
- Seamless connection / expandable
- Stable mechanics / compact design
- Vibration proof fixing of modules
- Directly mounting

Item	Item-No.
BS203/E	00029660-00
BS204/E	00029661-00
BS205/E	00028654-00
BS206/E	00028685-00
BS207/E	00029662-00
BS208/E	00029663-00
BS209/E	00029664-00
BS210/E	00029665-00

BS200/E Series	
Dimensions	
Number of module slots	3 to 10
Width	55 mm x number of module slots
Depth incl. connector	21 mm
Height	150 mm
Approvals / Certificates	
General	CE, cULus, CCC
Marine	DNV GL
Ambient conditions	
Operating temperature	-30 to +60 °C
Rel. humidity operation	5 to 95 % without condensation
Storage temperature	-40 to +85 °C
Rel. humidity storage	5 to 95 % without condensation
Thermal connection	
Heat dissipation	Typical 5 Kelvin lower internal temperature when using the M1 controller in a control cabinet W x H x D (500 x 200 x 120 mm) without additional heat sources when mounted directly to the rear panel

Order Codes		
Item	Item No.	Description
BS203/E	00029660-00	Backplane with 3 module slots; direct mounting to rear panel
BS204/E	00029661-00	Backplane with 4 module slots; direct mounting to rear panel
BS205/E	00028654-00	Backplane with 5 module slots; direct mounting to rear panel
BS206/E	00028685-00	Backplane with 6 module slots; direct mounting to rear panel
BS207/E	00029662-00	Backplane with 7 module slots; direct mounting to rear panel
BS208/E	00029663-00	Backplane with 8 module slots; direct mounting to rear panel
BS209/E	00029664-00	Backplane with 9 module slots; direct mounting to rear panel
BS210/E	00029665-00	Backplane with 10 module slots; direct mounting to rear panel