



## BS200/E backplanes

The backplanes BS200/E interconnect – as the BS200 series – the M200 control system hardware modules, such as power supply unit, processor and input/output modules, mechanically and electrically.

The E-version, with its robust design, enables direct mounting on the rear panel of the control cabinet, without DIN rail for optimal thermal and mechanical connection. This coupling allows the heat to be effectively dissipated via the rear wall to the switch cabinet housing application-specifically, thereby relieving the heat dissipation of the interior significantly. In addition, often maintenance-intensive active cooling of the components in the interior can be dispensed with. A functional earth connection is prepared.

Part type designation	Part number
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

### Features

- 3 to 10 module slots
- Seamless connectable/extendable
- Stable mechanics / compact design
- Vibration proof fixing of modules
- Directly mountable

**BS200/E series**

Dimensions	
Number of module slots	3 to 10
Width	55 mm x number of module slots
Depth incl. connectors	21 mm
Height	150 mm
Approvals/Certificates	
General	CE, UKCA, cULus
Marine	ABS, BV, DNV, KR, LR, NK, RINA
Environmental conditions	
Operating temperature	-30 °C to +60 °C
Relative humidity, operation	5 % to 95 % noncondensing
Storage temperature	-40 °C to +85 °C
Relative humidity, storage	5 % to 95 % noncondensing
Thermal connection	
Heat dissipation	Typ. 5 Kelvin lower interior temperature when using the M200 controller in a switch cabinet W × H × D (500 mm × 200 mm × 120 mm) without additional heat sources at direct mounting on the rear panel

**Order data**

Part type designation	Part number	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