

B&R - X20 System**X20BM01****24 VDC Power Supply Bus Module****Technical specifications**

Bus-module keying	24 VDC
Internal I/O power supply	Interrupted to the left
I/O supply nominal voltage	24 VDC
Permissible contact load	10 A
Bus power consumption	0.13 W
Module function	Base for X20 power-supply modules and potential-group creation
Module pitch	12.5 mm +0.2 mm
Mounting orientation	Horizontal or vertical
Degree of protection	IP20
Operating temperature	-25 to 60 °C horizontal; -25 to 50 °C vertical
Storage temperature	-40 to 85 °C
Operating humidity	5 to 95%, non-condensing

Documented role

B&R X20BM01 is a 24 VDC-keyed power-supply bus module used as the base for X20 power-supply modules and for creating potential groups for the X20 System.

Documented applications

- Creating separate 24 VDC potential groups in X20 stations
- Providing the base for compatible X20 power-supply modules
- Separating downstream I/O power from the supply group on the left

Selection and installation checks

X20BM01 is the base for an X20 power-supply module and interrupts the internal I/O supply to the left; verify potential-group position, 24 VDC keying, 10 A contact load, supply-module compatibility, and station power calculation before replacement.