

B&R - X20 System**X20BB80**

Bus Controller Bus Base

Technical specifications

Primary function	Bus base for X20 base module and supply module
I/O supply nominal voltage	24 VDC
Permissible contact load	10 A
Bus power consumption	0.25 W
Included accessories	Left and right X20 end plates
Module pitch	37.5 mm +0.2 mm
Maximum installation elevation	4000 m
Elevation derating above 2000 m	Reduce ambient temperature by 0.5 °C per 100 m
Mounting orientation	Horizontal or vertical
Degree of protection	IP20
Operating temperature	-25 to 60 °C horizontal; -25 to 50 °C vertical
Storage / transport temperature	-40 to 85 °C
Relative humidity	5 to 95%, non-condensing

Documented role

B&R X20BB80 is an X20 bus base for a bus controller or hub base module and its associated power-supply module for the X20 System.

Documented applications

- Building an X20 fieldbus-head assembly
- Replacing the base beneath a compatible X20 bus controller and supply module
- Mounting a compatible X20 hub and supply combination

Selection and installation checks

X20BB80 is the bus base for an X20 controller or hub assembly and its supply module. Confirm the complete controller-and-supply combination, end plates, 24 VDC potential group, 10 A contact-load limit, rail position, and neighboring module order before replacement.