

B&R - X20 System

X20BR9300

X2X Link Bus Receiver and Power Supply

Technical specifications

Primary function	X2X Link bus receiver with X2X and I/O supply
X2X input voltage	24 VDC -15% / +20%
Maximum X2X input current	0.7 A
X2X output power	7 W
X2X parallel / redundant operation	Yes / Yes
I/O supply voltage	24 VDC -15% / +20%
Required I/O line fuse	Maximum 10 A, slow-blow
I/O contact load	10 A
Bus power consumption	0.6 W
X2X power consumption	1.62 W
Electrical isolation	X2X Link isolated from input; I/O supply not isolated
Required terminal block	X20TB12, ordered separately
Required bus module	X20BM01 or X20BM05, ordered separately
Module pitch	12.5 mm +0.2 mm
Mounting orientation	Horizontal or vertical
Degree of protection	IP20

Documented role

B&R X20BR9300 is an X2X Link bus receiver that also supplies X2X Link and internal I/O power for the X20 System.

Documented applications

- Starting a remote X20 station from an incoming X2X Link
- Supplying X2X Link power for a distributed station segment
- Redundant X2X Link power arrangements in modular I/O systems

Selection and installation checks

X20BR9300 must be installed at the far-left position of the remote X20 station. Verify the incoming X2X segment, separate bus and I/O supplies, external I/O fuse, redundancy plan, mandatory base and terminal block, and full station power calculation.