

B&R; · X20 SYSTEM

X20PS3300

I/O and X2X Link Power Supply Module

Technical specifications

Manufacturer	B&R
Model	X20PS3300
Product family	X20 System
Product type	I/O and X2X Link Power Supply Module
Dimensions	1.25 x 9.9 x 7.5 cm
Supply function	X2X Link and internal I/O supply
X2X input voltage	24 VDC -15% / +20%
X2X input current	Maximum 0.7 A
X2X output power	7 W nominal
I/O input voltage	24 VDC -15% / +20%
Required I/O line fuse	Maximum 10 A, slow-blow
I/O output voltage	24 VDC nominal
Permissible contact load	10 A
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
Operating temperature	-25 to 60 deg C horizontal; -25 to 50 deg C vertical
Storage / transport temperature	-40 to 85 deg C
Relative humidity	5 to 95%, non-condensing

Documented role

B&R; X20PS3300 is a 24 VDC supply module that feeds both X2X Link and the internal I/O supply for the X20 System.

Documented applications

- Extending X2X Link power in larger X20 stations
- Redundant X2X Link supply arrangements
- Combined bus and I/O potential-group feeding

Selection and installation checks

- Calculate the X2X Link and internal I/O load paths separately.
- Provide the maximum 10 A slow-blow fuse for the I/O input and observe that this input is not reverse-polarity protected.
- Verify potential groups, X20BM01 or X20BM05, X20TB12, and the intended parallel or redundant arrangement.

Use the complete model number and the installed station configuration when confirming compatibility.