

B&R - X20 System

X20PS9402

Non-isolated Bus Controller Power Supply Module**Technical specifications**

Supply function	Bus controller, X2X Link, and internal I/O
BC/X2X input voltage	24 VDC -15% / +20%
BC/X2X input current	Maximum 0.7 A
BC/X2X output, horizontal	7 W at 45 °C; 5 W at 55 °C
BC/X2X output, vertical	7 W at 40 °C; 5 W at 50 °C
Parallel / redundant operation	No / No
Bus-transmitter expansion	Not permitted
I/O input voltage	24 VDC -15% / +20%
Required I/O line fuse	Maximum 10 A, slow-blow
I/O input reverse-polarity protection	No
Permissible contact load	10 A
Electrical isolation	BC/X2X and I/O supplies not isolated from their inputs
Required terminal block	X20TB12, ordered separately
Required bus base	X20BB80, X20BB81, or X20BB82 as applicable

Documented role

B&R X20PS9402 is a low-cost 24 VDC supply module for a bus controller, X2X Link, and internal I/O in smaller X20 systems for the X20 System.

Documented applications

- Small X20 bus-controller stations
- Cost-sensitive stations without BC/X2X redundancy
- Compact systems whose worst-case load fits the documented derating curve

Selection and installation checks

X20PS9402 is intended for smaller X20 bus-controller stations. Its BC/X2X supply is not galvanically isolated and cannot be expanded or made redundant by parallel supply modules; verify temperature-dependent output power, mounting orientation, load, accessories, and I/O protection.