

B&R - X67 System

X67PS1300

Galvanically Isolated X2X Link Power Supply Module

Technical specifications

Primary function	Galvanically isolated X2X Link system power supply
Input connector	M8, 4-pin
Output connector	M12, B-coded
Input voltage	24 VDC nominal, 18 to 30 VDC
Nominal input current	0.75 A
Output voltage	20 VDC
Nominal output current	0.75 A
Nominal output power	15 W
Efficiency	>80%
Parallel connection	Supported
Redundant operation	Supported with equal input voltages
Supply failure bridging	>5 ms at 24 VDC input and 0.75 A output
Protection	Integrated input fuse; short-circuit and overload-proof output
Input / output insulation voltage	500 Veff
Internal power consumption	3 W
Operating temperature	-25 to 60 °C
Degree of protection	IP67
Mounting orientation	Any
Storage / transport temperature	-40 to 85 °C
Dimensions	5.3 × 8.5 × 4.2 cm (W × H × D)
Weight	0.225 kg

Documented role

B&R X67PS1300 is an IP67 system power module that converts 24 VDC field power into an isolated 20 VDC X2X Link supply for the X67 System.

Documented applications

- Reinforcing X2X Link power in extended X67 stations
- Creating redundant X2X Link power for distributed machine I/O
- Supplying isolated bus power to remote X67 module groups

Selection and installation checks

X67PS1300 provides an isolated 15 W X2X Link supply. Calculate the station power budget, verify input voltage and redundant-source equality, and check M8/M12 wiring, polarity and IP67 sealing before energizing.