

B&R - X20 System

X20IF2772

Dual CAN Bus Interface Module**Technical specifications**

CAN interfaces	2
Connector per interface	5-pin male multipoint connector
Maximum transfer rate	1 Mbit/s per interface
Maximum distance	1000 m per interface
CAN controller	SJA1000 per interface
Terminating resistors	Integrated in both interfaces
Electrical isolation	PLC isolated from both CAN interfaces; interfaces isolated from each other
Status indicators	Module status, data transfer, and terminating resistor
Power consumption	1.2 W
Required terminal blocks	2 × 0TB2105.9110 or 2 × 0TB2105.9010, ordered separately
Supported slot	X20 PLC
Degree of protection	IP20
Operating temperature	-25 to 60 °C horizontal; -25 to 50 °C vertical
Storage temperature	-40 to 85 °C

Documented role

B&R X20IF2772 is a dual CAN bus interface module with independently isolated channels and integrated terminating resistors for the X20 System.

Documented applications

- Application-specific CAN expansion of X20 controllers
- Connecting two electrically separated CAN networks to one PLC
- CAN machine-device communication requiring independent interface channels

Selection and installation checks

X20IF2772 adds two isolated CAN interfaces to an X20 PLC; verify host support, protocol and bit timing, topology, integrated termination, grounding, two 0TB2105 terminal blocks, and saved communication settings before replacement.