

B&R - X20 System**X20BC0043**

CANopen Slave Bus Controller

Technical specifications

Fieldbus role	CANopen slave
Fieldbus connector	5-pin multipoint connector
Maximum bus distance	1000 m
Maximum transfer rate	1 Mbit/s
Transfer-rate selection	Automatic detection or fixed setting
Terminating resistor	Integrated
Bus power consumption	1.5 W
Required CAN terminal	TB2105, ordered separately
Required supply module	X20PS9400 or X20PS9402, ordered separately
Required supply terminal block	X20TB12, ordered separately
Required bus base	X20BB80, ordered separately
Module pitch	37.5 mm +0.2 mm
Documented operating temperature	0 to 55 °C horizontal; 0 to 50 °C vertical

Documented role

B&R X20BC0043 is a legacy X20 CANopen slave bus controller with a five-pin multipoint fieldbus connector for the X20 System.

Documented applications

- Connecting distributed X20 I/O to a CANopen master
- Maintaining legacy CANopen X20 stations
- Replacing an exact X20BC0043 while preserving network configuration

Selection and installation checks

X20BC0043 is a legacy CANopen slave bus controller. Do not substitute X20BC0043-10 specifications automatically; verify the exact catalog number, five-pin CANopen terminal, node and bit-rate configuration, termination, power-supply module, bus base, terminal block, and saved project before replacement.