

B&R · B&R System 2003**7EX470.50-1****System 2003 CAN Bus Controller with 24 VDC Power Supply**

Exact-model official B&R product evidence found

Technical specifications

Controller type	System 2003 CAN bus controller
Power supply	24 VDC, 14.5 W
CAN interfaces	2
CAN isolation	Electrically isolated
Network capability	Yes
I/O bus interface	9-pin female D-sub
Node / baud settings	Front switches
Diagnostic LEDs	Yes
Module width	System 2003 single-width
Slot	1
Operating temperature	0 to 60°C
Optional configuration memory	7ME770.5
Certifications	CE, UKCA, cULus E115267

Documented role

B&R 7EX470.50-1 is a System 2003 CAN bus controller with a 24 VDC, 14.5 W power supply and two electrically isolated network-capable CAN interfaces.

It forms the controller and power entry for a distributed System 2003 I/O station connected to a CAN network.

Applications

- Connecting a distributed System 2003 I/O station to a CAN network
- Supplying and controlling a compact local I/O station from 24 VDC
- Replacing an existing CAN bus controller while preserving node, baud and module-chain configuration

Selection note

B&R 7EX470.50-1 must be matched by complete material number, compatible System 2003 station or CPU, slot and terminal map, power and field wiring, saved project and connected devices. Back up the configuration and perform a controlled functional test after replacement.