

B&R · B&R System 2003

7CP474.60-1

System 2003 CPU with CAN

Technical specifications

SRAM	100 kB
FlashPROM	512 kB
Power supply	24 VDC, 12.6 W
Serial	1 RS232 interface
CAN	1 electrically isolated, network-capable interface
Screw-in module slots	4
Maximum digital I/O	208
Maximum analog I/O	80
Typical instruction cycle time	0.8 µs
RS232 connector	9-pin D-sub plug
RS232 maximum transfer rate	57.6 kbit/s
RS232 maximum distance	15 m at 19.2 kbit/s
CAN connector	9-pin D-sub plug
CAN maximum transfer rate	500 kbit/s
CAN maximum distance	1000 m
Logical module slots	Maximum 12
Analog module slots	Maximum 4
Analog module addresses	1 to 8
IF module compatible slots	Slots 1 to 3

Description

B&R 7CP474.60-1 is a System 2003 CPU with 100 kB SRAM, 512 kB FlashPROM, isolated CAN networking and four screw-in module slots.

It provides compact PLC control for a System 2003 station and supports up to the documented maximum of 208 digital and 80 analog I/O points.

Before installation or replacement, verify the 24 VDC supply, CAN network, screw-in module positions, field-terminal mapping, application image and the actual I/O count.

Applications

- Compact System 2003 machine-control stations
- CAN-connected distributed automation nodes
- Control applications combining local screw-in modules with digital and analog expansion I/O

Selection and replacement checks

B&R 7CP474.60-1 must be matched by complete material number, compatible System 2003 CPU or station, 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.