

B&R · B&R System 2003**7IF311.7**

System 2003 RS232 Interface Module

Technical specifications

Interfaces	1
Interface type	RS232
Communication topology	Point-to-point serial
Mounting	System 2003 screw-in module
Connector	9-pin male DSUB
Maximum transfer rate	115.2 kbit/s
Maximum documented distance	15 m at 19.2 kbit/s
Power consumption	Max. 0.5 W; max. 1.6 W when supplying P120/P121
Compatible slots	CP interface slots 1, 2 and 3
Handshake lines	RTS, CTS
Panel supply output	+5 VDC, max. 500 mA on pin 4

Description

B&R 7IF311.7 is a System 2003 screw-in interface module providing one RS232 serial port.

It adds point-to-point serial communication to a compatible System 2003 CPU for a supported external device or service connection.

Before installation or replacement, verify the compatible CPU slot, connector pinout, baud rate, data format, handshake, cable type and length, ground reference and project protocol.

Applications

- Point-to-point serial communication with a compatible machine peripheral
- Serial data exchange with a supported barcode reader, scale or operator device
- Service or diagnostic communication where the machine project uses the 7IF311.7 RS232 port

Selection and replacement checks

B&R 7IF311.7 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.