

B&R · B&R System 2003**7DO135.70**

System 2003 High-Speed Digital Output Module

Technical specifications

FET outputs	4
Output voltage	12 to 24 VDC
Output current	0.1 A
Documented output frequency	100 kHz
Mounting	System 2003 screw-in module
Required terminal block	1 x TB712 ordered separately
Terminal block poles	12-pin
Terminal block conductor size	1.5 mm ²
Screw-clamp terminal block	7TB712.9
Cage-clamp terminal block	7TB712.91

Description

B&R 7DO135.70 is a four-channel 12 to 24 VDC FET-output screw-in module rated 0.1 A per documented channel function.

It adds fast solid-state switching outputs to a compatible System 2003 CPU for low-current DC loads.

Before installation or replacement, verify the compatible CPU slot, 12 to 24 VDC field supply, sourcing convention, load current and inrush, TB712 terminal block, protection and switching-frequency requirement.

Applications

- Fast switching of low-current 12 to 24 VDC machine loads
- Pulse-output control within the documented electrical and frequency limits
- Compact local digital-output expansion on System 2003 CPUs

Selection and replacement checks

B&R 7DO135.70 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.