

B&R - X67 System

X67DO1332

8-channel 2 A Digital Output Module

Technical specifications

Digital outputs	8, 24 VDC, source, FET
Nominal output current	2 A per channel
Group current limit	4 A for channels 1–4; 4 A for channels 5–8
Module current limit	8 A
I/O connectors	8 × M8, 3-pin
Switching delay	<250 µs on; <270 µs off
Maximum resistive switching frequency	100 Hz
Output protection	Thermal overcurrent, short-circuit, inductive-load and reverse-polarity protection
Diagnostic detection time	10 ms
Residual voltage	<0.5 V at 2 A
Leakage current	5 µA
Brake voltage	50 VDC
Actuator supply	0.5 A total
Internal I/O / X2X power	2 W / 0.75 W
Degree of protection	IP67
Mounting orientation	Any
Operating temperature	-25 to 60 °C
Storage / transport temperature	-40 to 85 °C
Dimensions	5.3 × 8.5 × 4.2 cm (W × H × D)
Weight	0.18 kg

Documented role

B&R X67DO1332 is an IP67 X67 output module with eight 24 VDC source outputs rated up to 2 A per channel for the X67 System.

Documented applications

- Distributed 24 VDC solenoid-valve control
- Machine-mounted contactor, lamp and relay outputs
- High-current IP67 actuator islands with channel diagnostics

Selection and installation checks

X67DO1332 has channel, group and total current limits. Calculate steady and inrush current, duty cycle and thermal loading; verify M8 wiring, field-power protection, inductive-load behavior and sealed connectors before enabling outputs.