

B&R - X67 System

X67DI1371

8-channel Digital Input Module

Technical specifications

Digital inputs	8, 24 VDC, sink, type 1
I/O connectors	8 × M8, 3-pin
X2X Link connector	M12, B-coded
I/O power connector	M8, 4-pin
Hardware input filter	≤100 µs
Software input filter	1 ms
Input current	Typically 7 mA
Input resistance	Typically 3 kΩ
Low / high threshold	<5 V / >15 V
Sensor supply	0.5 A total, short-circuit protected
Supply voltage	24 VDC nominal, 18 to 30 VDC
Internal I/O / X2X power	1 W / 0.75 W
Electrical isolation	Channels isolated from bus; channels not isolated from one another
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	0.17 kg

Documented role

B&R X67DI1371 is an IP67 X67 module with eight 24 VDC sink inputs for type 1 digital sensors for the X67 System.

Documented applications

- Distributed proximity and limit-switch acquisition on machine sections
- Fast 24 VDC sensor monitoring outside the control cabinet
- IP67 digital input islands linked to an X2X automation station

Selection and installation checks

X67DI1371 is an IP67 field module. Confirm M8 sensor pinout, 24 VDC type 1 input compatibility, sensor-supply current, X2X wiring, filter delay and sealed connector condition before commissioning.