

B&R - X20 System**X20DO2322**

Digital Output Module

Product identity and technical data

Digital outputs	2
Output variant	Current-sourcing FET
Nominal voltage	24 VDC
Switching voltage	24 VDC -15%/+20%
Nominal output current	0.5 A per channel
Total nominal current	1 A
Output circuit	Source
Connection type	3-wire connections
Output protection	Thermal shutdown for overcurrent or short circuit; internal freewheeling diode
Diagnostic status	Output monitoring with 10 ms delay
Actuator power supply	24 VDC and GND; 0.5 A total for output-independent supply
Compatible terminal blocks	X20TB06 or X20TB12, ordered separately
Compatible bus modules	X20BM11 or X20BM15, ordered separately
Degree of protection	IP20

Documented role

B&R X20DO2322 is a 2-channel 24 VDC source digital output module with 3-wire actuator connections, integrated protection, and OSP mode for the X20 System.

Documented applications

- Switching two 24 VDC actuators with 3-wire connections in X20 control stations
- Applications requiring a separately available actuator-supply connection at the module
- Process-control output stations using configured OSP behavior

Selection and installation checks

X20DO2322 requires a separately ordered terminal block and X20 bus module; verify the complete material number, output polarity, load current and inrush, actuator wiring, power group, Automation Studio configuration, and environmental conditions before replacement.