

INDUSTRIAL AUTOMATION PRODUCT

X20DO8332

Eight-channel digital output module

Eight 24 V DC discrete source-output signals

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	B&R X20 digital I/O
Part number	X20DO8332
Country	Austria
HS code	8537101190

APTER POWER SALES TEAM

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Technical Specifications

Technical values below are limited to the named B&R product record.

PARAMETER	TECHNICAL VALUE
Outputs	8
Nominal voltage	24 V DC
Wiring	1-wire
Output principle	Source
Diagnostics	Channel status and fault diagnostics
Protection	Electronic short-circuit protection

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	X20 bus base
Companion hardware	X20 terminal block
Field connection	24 V DC load supply
Primary system function	Provides eight digital output channels
Controlled acceptance duty	Solenoid command bank

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System Role and Architecture

Eight 24 V DC discrete source-output signals

FUNCTION 1

Provides eight digital output channels

FUNCTION 2

Uses 24 V DC source-output switching

FUNCTION 3

Supports compact one-wire termination

FUNCTION 4

Reports channel and overload diagnostics

Matched system components

- X20 bus base
- X20 terminal block
- 24 V DC load supply
- discrete field loads

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	X20 bus base
Companion hardware	X20 terminal block
Field connection	24 V DC load supply
Primary system function	Provides eight digital output channels
Controlled acceptance duty	Solenoid command bank

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Applications and Engineering Context

Solenoid command bank

Provides eight digital output channels

Contactor control

Uses 24 V DC source-output switching

Indicator and alarm outputs

Supports compact one-wire termination

Digital-output slice renewal

Reports channel and overload diagnostics

TECHNICAL NOTE

Isolate the load supply, label every conductor and verify channel mapping, common reference and load current before controlled output testing.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	X20DO8332 / X20DO8332 recorded
Physical interface	X20 bus base
Companion check	X20 terminal block
Functional proof	Provides eight digital output channels
Application test	Solenoid command bank

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Engineering Precautions

1

Verify the full X20DO8332 marking and its assigned B&R X20 digital I/O position before work.

2

Place the connected machine or process in the approved maintenance state.

3

Isolate the applicable supply and eight 24 v dc discrete source-output signals field energy before disconnecting conductors.

4

Record connector, conductor, address and software identities before removal.

5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
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330101-00-60-10-02-05	Related industrial automation product	View 330101-00-60-10-02-05 page
330101-00-40-10-02-05	Related industrial automation product	View 330101-00-40-10-02-05 page
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330101-00-30-10-02-00	Related industrial automation product	View 330101-00-30-10-02-00 page
330101-00-20-05-02-00	Related industrial automation product	View 330101-00-20-05-02-00 page

MANUFACTURER SOURCE RECORD

B&R official product data sheet

B&R product data

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