

X20DO8332

Eight-channel digital output module

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	X20DO8332
Manufacturer part	X20DO8332
Hardware type	8
System family	B&R X20 digital I/O



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01 PRE-INSTALLATION PLAN

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.

MATCHED HARDWARE

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

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
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

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED 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

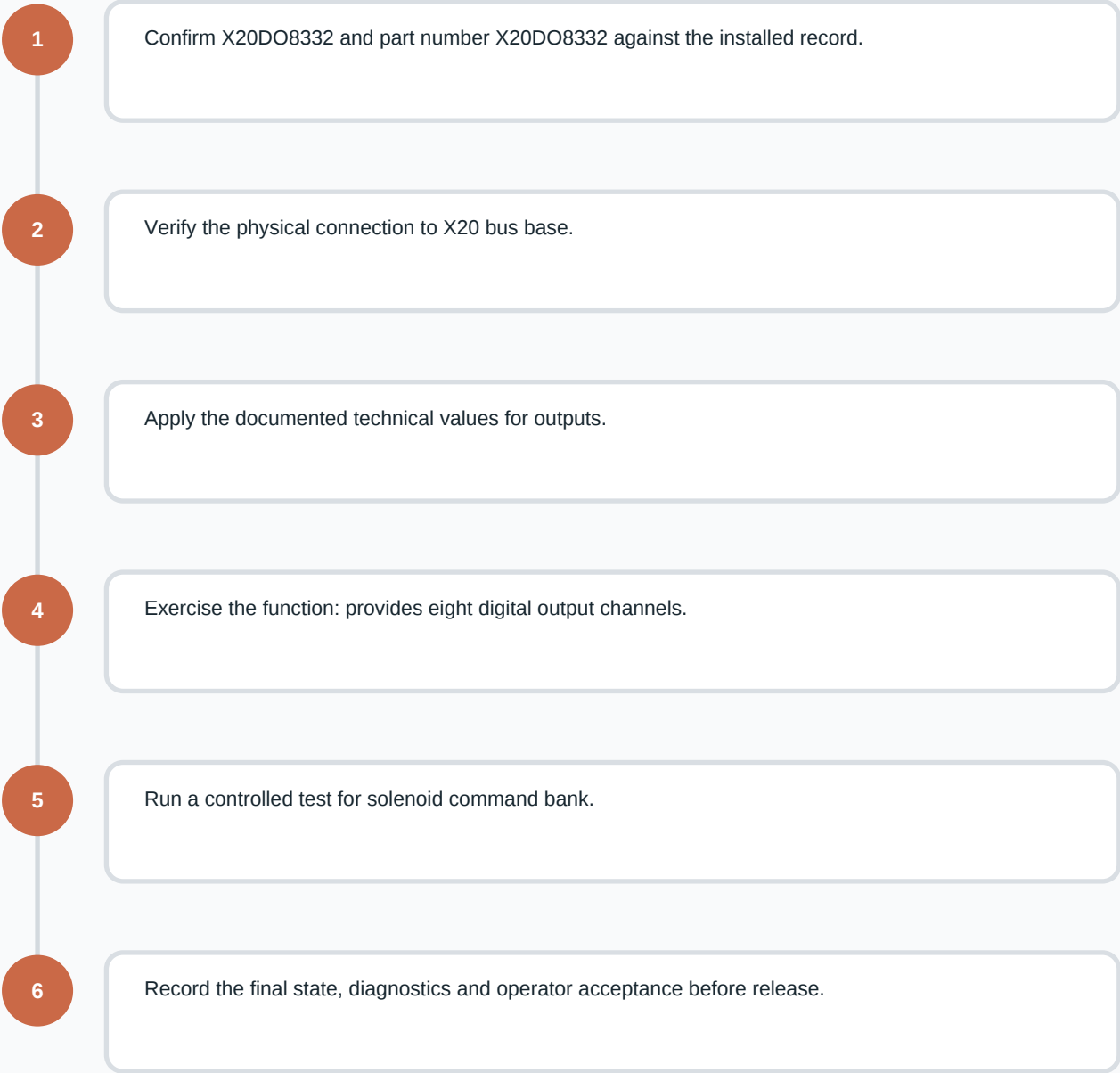
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED 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

FIELD NOTE

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

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	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

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed X20 bus base and X20 terminal block against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended solenoid command bank function and retain the final test result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	X20DO8332
INSTALLED POSITION	Documented B&R X20 digital I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
330101-00-16-10-02-00	Related industrial automation product	View 330101-00-16-10-02-00 page
330101-00-12-10-02-00	Related industrial automation product	View 330101-00-12-10-02-00 page
330101-00-08-10-02-05	Related industrial automation product	View 330101-00-08-10-02-05 page
330101-00-08-10-02-00	Related industrial automation product	View 330101-00-08-10-02-00 page
3BHE022293R0101-PCD232 A	Related industrial automation product	View 3BHE022293R0101-PCD232A page
330101-00-08-05-02-00	Related industrial automation product	View 330101-00-08-05-02-00 page
6SE7090-0XX87-4AH0	Related industrial automation product	View 6SE7090-0XX87-4AH0 page
C98043-A7109-L100	Related industrial automation product	View C98043-A7109-L100 page

SOURCE IDENTIFIERS

- B&R official product data sheet
- B&R product data

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