

X20SLX910

SafeLOGIC-X Digital Safety Module

CONTROLLED ENGINEERING COPY

B&R X20SLX910 is a safelogic-x digital safety module for the documented X20 System installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	X20SLX910
Manufacturer	B&R
System family	X20 System
Record scope	Installation, application and verification

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01 PRE-INSTALLATION PLAN

1

Confirm the complete B&R X20SLX910 marking and installed X20 System position before work.

2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.

3

Record 20 safe digital inputs and 4 pulse outputs, terminal assignments, shielding and protective-ground connections before removal.

4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

5

Verify safe inputs (20 type A digital inputs) against the installed project and connected hardware.

MATCHED HARDWARE

- X20SLX910 with complete identity
- X20 openSAFETY station
- 20 safe digital inputs and 4 pulse outputs
- Controlled commissioning and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	X20SLX910 recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Safe inputs	20 type A digital inputs
Pulse outputs	4
Supply	24 VDC
SafeLOGIC-X	Integrated
SafeNODE capacity	Up to 10
Safety levels	Up to SIL 3 / Cat. 4 / PL e
Bus power	0.4 W
Internal I/O power	1.6 W
Protection	IP20

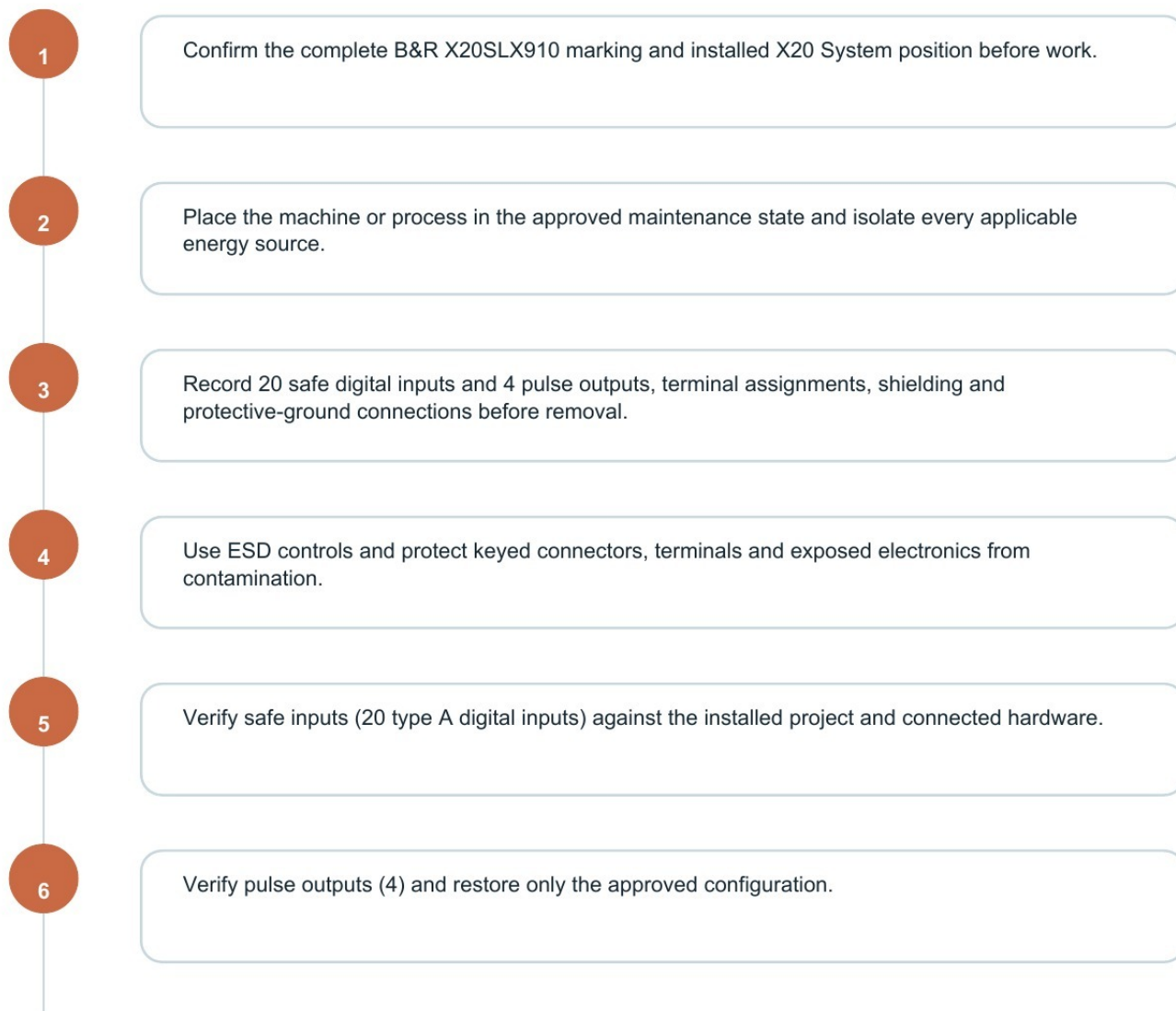
FIELD NOTE

Confirm B&R X20SLX910, X20 openSAFETY station, 20 safe digital inputs and 4 pulse outputs, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

RELATED APTER POWER PAGES

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03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	X20SLX910
Physical interface	20 safe digital inputs and 4 pulse outputs matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled programmable safe input management response recorded

04 RETURN-TO-SERVICE RECORD

- ☐ Verify safe inputs (20 type A digital inputs) against the installed project and connected hardware.
- ☐ Verify pulse outputs (4) and restore only the approved configuration.
- ☐ Energize in the prescribed sequence and review module, host and network diagnostics.
- ☐ Complete a controlled programmable safe input management test and retain the acceptance result before production release.

VERIFICATION RECORD

PRODUCT IDENTITY	X20SLX910
INSTALLED POSITION	Documented X20 openSAFETY station position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Confirm the exact model remains assigned to the documented host position.
- ☐ Verify every mating interface and field connection against the as-found record.
- ☐ Exercise the intended product function under controlled conditions.
- ☐ Retain the diagnostic and functional-test result before release.

SOURCE IDENTIFIERS

B&R X20SLX910 product data | Data sheet X20SLX910