

INDUSTRIAL AUTOMATION PRODUCT

X20SLX910

SafeLOGIC-X Digital Safety Module

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

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	X20 System
Part number	X20SLX910
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING 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.

System Role and Architecture

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

FUNCTION 1
Provides programmable safe input management

FUNCTION 2
Uses exact B&R article identity X20SLX910

FUNCTION 3
Matches safe inputs: 20 type A digital inputs

FUNCTION 4
Matches pulse outputs: 4

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	X20 System
02	X20 openSAFETY station
03	20 safe digital inputs and 4 pulse outputs
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	X20 System
Interface role	programmable safe input management
Field / power context	X20 openSAFETY station
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE
Safe inputs	20 type A digital inputs
Pulse outputs	4
Supply	24 VDC
SafeLOGIC-X	Integrated
SafeNODE capacity	Up to 10

PARAMETER	VALUE
Safety levels	Up to SIL 3 / Cat. 4 / PL e
Bus power	0.4 W
Internal I/O power	1.6 W
Protection	IP20

ENGINEERING BOUNDARY

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.

PRE-INSTALLATION CHECKS

- 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
- 4

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

Applications and Engineering Context

X20 System system maintenance

Restores programmable safe input management in the documented installation.

Controlled hardware replacement

Preserves the exact X20SLX910 identity and approved configuration.

Interface verification

Confirms 20 safe digital inputs and 4 pulse outputs before energization.

Functional recommissioning

Reviews diagnostics and records the controlled system response.

TECHNICAL 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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	X20SLX910 recorded
Host / carrier	X20 System
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

IMPORTANT NOTICE

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 Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330102-60-96-10-02-CN
02	Bently Nevada 330102-30-65-10-02-CN
03	Bently Nevada 330102-40-70-10-02-CN
04	Bently Nevada 330102-10-40-10-02-CN
05	Bently Nevada 330102-20-55-10-02-CN
06	Bently Nevada 330101-00-61-15-02-CN
07	Bently Nevada 330101-00-84-20-02-CN
08	Bently Nevada 330101-00-77-15-02-CN

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

B&R X20SLX910 product data | Data sheet X20SLX910

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