

X20SLX910

SafeLOGIC-X Digital Safety Module

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

PRODUCT SNAPSHOT

BRAND
B&R

FAMILY
X20 System

PART
X20SLX910

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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WEBSITE

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PRODUCT OVERVIEW

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



Provides programmable safe input management



Uses exact B&R article identity X20SLX910



Matches safe inputs: 20 type A digital inputs



Matches pulse outputs: 4

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximator Sensor	AISI 4140 target

ENGINEERING CONTEXT

The product performs programmable safe input management in the documented X20 openSAFETY station. Installation and commissioning must preserve the exact identity, interfaces and approved configuration.

TECHNICAL DATA

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

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.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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.

PRODUCT PRECAUTIONS

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

3

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

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.

6

Verify pulse outputs (4) and restore only the approved configuration.

7

Energize in the prescribed sequence and review module, host and network diagnostics.

8

Complete a controlled programmable safe input management test and retain the acceptance result

ENGINEER FAQ

Q1 How is the exact X20SLX910 execution identified?

Match the complete B&R X20SLX910 marking and the controlled installed-position record.

Q2 What documented role does X20SLX910 perform?

It performs programmable safe input management in the documented X20 openSAFETY station.

Q3 Which host must be matched before fitting X20SLX910?

Match the exact X20 openSAFETY station and approved system position.

Q4 Which interfaces must be recorded for X20SLX910?

Record 20 safe digital inputs and 4 pulse outputs, mounting, shielding, grounding and cable routing.

Q5 What isolation controls apply to X20SLX910?

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

Q6 What must be restored after installing X20SLX910?

Verify pulse outputs (4) and restore only the approved configuration.

Q7 What proves X20SLX910 is ready for service?

Retain diagnostics and a controlled programmable safe input management response test.

Q8 Which manufacturer record supports the X20SLX910 page?

Data sheet X20SLX910 and the official B&R product record for X20SLX910.

RELATED APTER POWER PAGES

330104-01-05-50-02-02	330901-10-40-10-02-00	330703-000-050-10-11-00	330101-00-65-10-02-05
330704-00-030-50-02-00	330881-16-04-132-03-02	330881-16-04-138-03-02	330901-00-08-10-02-CN

SOURCE B&R X20SLX910 product data | Data sheet X20SLX910

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