

INDUSTRIAL AUTOMATION PRODUCT

5DLSDL.1000-00

Automation Panel 900 SDL Receiver

B&R 5DLSDL.1000-00 is a automation panel 900 sdl receiver for the documented Control Panels installation.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	Control Panels
Part number	5DLSDL.1000-00
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 5DLSDL.1000-00, Automation Panel 900, SDL Panel IN connection and 24 VDC supply, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

System Role and Architecture

B&R 5DLSDL.1000-00 is a automation panel 900 sdl receiver for the documented Control Panels installation.

FUNCTION 1
Provides Smart Display Link reception

FUNCTION 2
Uses exact B&R article identity
5DLSDL.1000-00

FUNCTION 3
Matches component: SDL receiver

FUNCTION 4
Matches compatible panels: Automation Panel
900

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Control Panels
02	Automation Panel 900
03	SDL Panel IN connection and 24 VDC supply
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Control Panels
Interface role	Smart Display Link reception
Field / power context	Automation Panel 900
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete B&R 5DLSDL.1000-00 marking and installed Control Panels position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record SDL Panel IN connection and 24 VDC supply, 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
Component	SDL receiver
Compatible panels	Automation Panel 900
Panel input	SDL
Panel output	None

PARAMETER	VALUE
Supply	24 VDC +/-25%, SELV
Nominal current	Maximum 4.2 A
Power consumption	Typically 3 W
Fastening torque	Maximum 0.5 Nm

ENGINEERING BOUNDARY

Confirm B&R 5DLSDL.1000-00, Automation Panel 900, SDL Panel IN connection and 24 VDC supply, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete B&R 5DLSDL.1000-00 marking and installed Control Panels position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record SDL Panel IN connection and 24 VDC supply, 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

Control Panels system maintenance

Restores Smart Display Link reception in the documented installation.

Controlled hardware replacement

Preserves the exact 5DLSDL.1000-00 identity and approved configuration.

Interface verification

Confirms SDL Panel IN connection and 24 VDC supply before energization.

Functional recommissioning

Reviews diagnostics and records the controlled system response.

TECHNICAL NOTE

Confirm B&R 5DLSDL.1000-00, Automation Panel 900, SDL Panel IN connection and 24 VDC supply, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	5DLSDL.1000-00 recorded
Host / carrier	Control Panels
Physical interface	SDL Panel IN connection and 24 VDC supply matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled Smart Display Link reception response recorded

IMPORTANT NOTICE

Confirm B&R 5DLSDL.1000-00, Automation Panel 900, SDL Panel IN connection and 24 VDC supply, 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 330104-01-14-10-01-00
02	Bently Nevada 330104-01-09-50-02-05
03	Bently Nevada 330104-01-15-50-02-05
04	Bently Nevada 330104-01-11-50-02-05
05	Bently Nevada 330909-00-60-10-02-00
06	Bently Nevada 330707-00-10-10-02-00
07	Bently Nevada 330102-24-72-10-02-00
08	Bently Nevada 330881-28-10-090-03-02

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

B&R 5DLSDL.1000-00 product data | Automation Panel 900 User's Manual

APTER POWER SALES TEAM

WHATSAPP / PHONE

EMAIL

WEBSITE

+86 180 3023 5313

sales13@apterpower.com

www.apterpower.com

