

5DLSDL.1000-00

Automation Panel 900 SDL Receiver

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	5DLSDL.1000-00
Manufacturer	B&R
System family	Control Panels
Record scope	Installation, application and verification

1

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01 PRE-INSTALLATION PLAN

- 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.
- 5

Verify component (SDL receiver) against the installed project and connected hardware.

MATCHED HARDWARE

- 5DLSDL.1000-00 with complete identity
- Automation Panel 900
- SDL Panel IN connection and 24 VDC supply
- Controlled commissioning and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	5DLSDL.1000-00 recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Component	SDL receiver
Compatible panels	Automation Panel 900
Panel input	SDL
Panel output	None
Supply	24 VDC +/-25%, SELV
Nominal current	Maximum 4.2 A
Power consumption	Typically 3 W
Fastening torque	Maximum 0.5 Nm

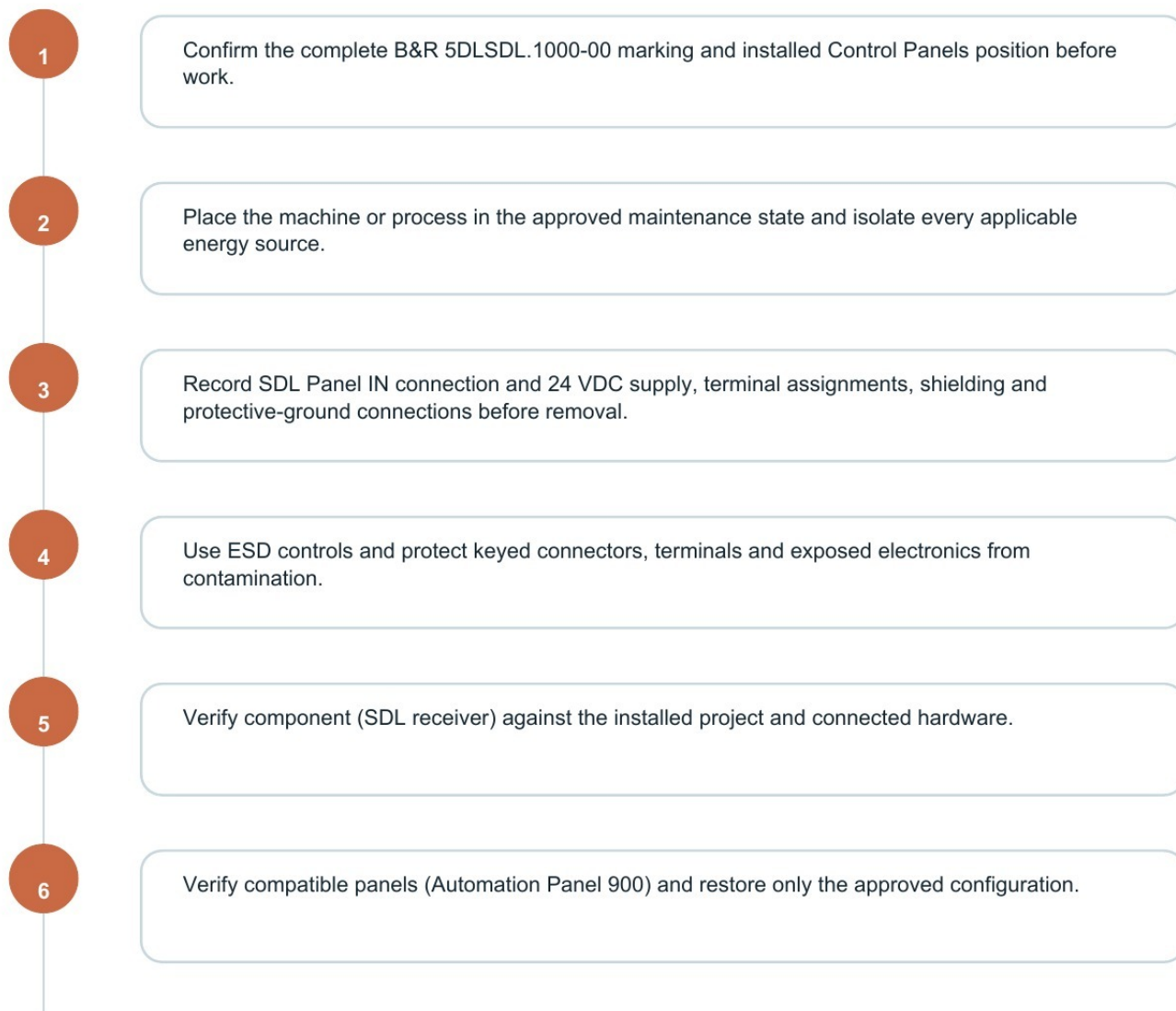
FIELD NOTE

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.

RELATED APTER POWER PAGES

330104-00-17-10-11-05	330101-00-11-10-11-00	330101-00-12-10-11-00	330101-00-48-10-02-00
330103-00-06-05-11-05	330104-00-08-90-02-CN	330930-060-10-00	330104-16-21-10-01-05

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	5DLSDL.1000-00
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

04 RETURN-TO-SERVICE RECORD

- ☐ Verify component (SDL receiver) against the installed project and connected hardware.
- ☐ Verify compatible panels (Automation Panel 900) and restore only the approved configuration.
- ☐ Energize in the prescribed sequence and review module, host and network diagnostics.
- ☐ Complete a controlled Smart Display Link reception test and retain the acceptance result before production release.

VERIFICATION RECORD

PRODUCT IDENTITY	5DLSDL.1000-00
INSTALLED POSITION	Documented Automation Panel 900 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 5DLSDL.1000-00 product data | Automation Panel 900 User's Manual