DSTA002B-3BSE018317R1

DSTA 002B S100 I/O Connection Unit

CONTROLLED ENGINEERING COPY

ABB DSTA002B-3BSE018317R1 is the DSTA 002B connection unit used with the DSAI 133A analog input board in a documented S100 I/O installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	DSTA002B-3BSE018317R1
Manufacturer	ABB
System family	ABB Advant OCS S100 I/O
HS code	8537101190
Shipping origin	Xiamen,Fujian,China

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01 PRE-INSTALLATION PLAN

1. Confirm DSTA 002B and product ID 3BSE018317R1 on the unit and maintenance record.
2. Place the controller, process and affected analog loops in the approved maintenance state.
3. Isolate field and cabinet energy according to the documented S100 I/O procedure.
4. Record the DSAI 133A position, every terminal, cable identifier, shield and ground point.
5. Use ESD controls and protect connectors and terminal surfaces from contamination.

MATCHED HARDWARE

- DSTA 002B connection unit with complete identity
- Assigned DSAI 133A analog input board
- Recorded S100 I/O terminal and cable schedule
- Documented shield and grounding hardware

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	DSTA002B-3BSE018317R1 recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
ABB product ID	3BSE018317R1
Type designation	DSTA 002B
Product type	Connection unit
Associated board	DSAI 133A analog input board
System family	S100 I/O / Advant OCS
Exchange number	7650 055-785
Country of origin	Sweden
HS code	8537101190

FIELD NOTE

Keep each terminal, shield and field-loop identifier tied to the same DSAI 133A channel. Do not treat the connection unit as the analog input board.

RELATED APTER POWER PAGES

ABB YPC111B optical distribu
ABB DSTD110A output connecti
ABB RDCO-02C DDCS adapter
ABB 3BHE009319R0001 UNITROL
ABB ZCU-14 control unit
ABB PPC381 AE control board
ABB DSQC323 3HAB5956-1 robot
ABB DSQC651 I/O unit

03 COMMISSIONING WORKFLOW

1. Confirm DSTA 002B and product ID 3BSE018317R1 on the unit and maintenance record.
2. Place the controller, process and affected analog loops in the approved maintenance state.
3. Isolate field and cabinet energy according to the documented S100 I/O procedure.
4. Record the DSAI 133A position, every terminal, cable identifier, shield and ground point.
5. Use ESD controls and protect connectors and terminal surfaces from contamination.
6. Restore the exact connection-unit mounting, terminal map, shielding and grounding arrangement.

COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	DSTA002B-3BSE018317R1
Physical interface	DSTA 002B terminals and DSAI 133A position matched
Configuration	Terminal map, shields and grounding restored
Functional proof	Controlled analog point-to-point response recorded

04 RETURN-TO-SERVICE RECORD

- [ ] Use ESD controls and protect connectors and terminal surfaces from contamination.
- [ ] Restore the exact connection-unit mounting, terminal map, shielding and grounding arrangement.
- [ ] Review DSAI 133A and controller diagnostics after controlled energization.
- [ ] Apply controlled analog stimuli and record every affected channel response before release.

VERIFICATION RECORD

PRODUCT IDENTITY	DSTA002B-3BSE018317R1
INSTALLED POSITION	Documented DSAI 133A / S100 I/O connection 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

ABB product record 3BSE018317R1 - DSTA 002B Connection Unit | ABB Product Details