APTER POWER

COMPLETE PRODUCT INFORMATION

DSTA002B-3BSE018317R1

DSTA 002B S100 I/O Connection Unit

Documented S100 I/O field connection path for the installed DSAI 133A analog input board.

PRODUCT SNAPSHOT

BRAND ABB	FAMILY ABB S100 I/O
PART DSTA002B-3BSE018317R1	ORIGIN / HS Sweden / 8537101190

APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

SHIP FROM

Xiamen,Fujian,China

PRODUCT OVERVIEW

DSTA002B-3BSE018317R1 provides the documented field-connection interface for a DSAI 133A analog input position in ABB S100 I/O.

- Identifies the DSTA 002B connection-unit execution
- Pairs with the documented DSAI 133A analog input board
- Maintains the S100 I/O field termination arrangement
- Supports controlled point-to-point analog channel verification

SYSTEM COMPONENTS

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

ENGINEERING CONTEXT

The connection unit remains paired with the installed DSAI 133A board and the approved S100 I/O cabinet wiring. Commissioning preserves the terminal map, shield treatment, channel identity and as-found grounding arrangement.

TECHNICAL DATA

PARAMETER	VALUE
ABB product ID	3BSE018317R1
Type designation	DSTA 002B
Product type	Connection unit
Associated board	DSAI 133A analog input board

PARAMETER	VALUE
System family	S100 I/O / Advant OCS
Exchange number	7650 055-785
Country of origin	Sweden
HS code	8537101190

TECHNICAL NOTE

Treat DSTA 002B as the field connection unit for the documented DSAI 133A position, not as the analog input board itself. Record every terminal, cable, shield and grounding point before removal; restore the exact S100 I/O arrangement and verify all affected analog channels before release.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

S100 analog input termination

Connects documented analog field circuits to the assigned DSAI 133A input position.

Advant OCS cabinet service

Restores the exact connection unit without changing the approved I/O architecture.

Legacy marshalling refurbishment

Preserves terminal, shield and cable identity during controlled panel work.

Analog channel recommissioning

Supports point-to-point polarity and response checks after maintenance.

PRODUCT PRECAUTIONS

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.
7. Review DSAI 133A and controller diagnostics after controlled energization.
8. Apply controlled analog stimuli and record every affected channel response before release.

ENGINEER FAQ

Q1 How is the exact DSTA002B-3BSE018317R1 execution identified?

Match DSTA 002B, 3BSE018317R1 and exchange number 7650 055-785.

Q2 What documented role does DSTA002B-3BSE018317R1 perform?

It is the connection unit associated with a DSAI 133A analog input board.

Q3 Which installed host must be matched before fitting DSTA002B-3BSE018317R1?

Match the assigned DSAI 133A position and the documented S100 I/O cabinet.

Q4 Which physical interfaces must be recorded for DSTA002B-3BSE018317R1?

Record terminals, field cables, shields, grounds and the mating board position.

Q5 What isolation or handling controls apply to DSTA002B-3BSE018317R1?

Isolate field energy and use ESD controls before touching the unit or associated board.

Q6 What must be restored after installing DSTA002B-3BSE018317R1?

Restore the recorded mounting, terminal map, shields and grounding.

Q7 What evidence confirms DSTA002B-3BSE018317R1 is ready for service?

Retain diagnostics and controlled response results for every affected analog channel.

Q8 Which manufacturer record supports the DSTA002B-3BSE018317R1 page?

ABB product record 3BSE018317R1 identifies DSTA 002B as the connection unit.

RELATED APTER POWER PAGES

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
ABB YPC111B optical distribu
ABB DSTD110A output connecti

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

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com