INDUSTRIAL AUTOMATION PRODUCT

DSTA002B-3BSE018317R1

DSTA 002B S100 I/O Connection Unit

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

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
System family	ABB Advant OCS S100 I/O
Part number	DSTA002B-3BSE018317R1
Origin / HS	Sweden / 8537101190
Shipping origin	Xiamen,Fujian,China

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING 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

System Role and Architecture

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

FUNCTION 1
Identifies the DSTA 002B connection-unit execution

FUNCTION 2
Pairs with the documented DSAI 133A analog input board

FUNCTION 3
Maintains the S100 I/O field termination arrangement

FUNCTION 4
Supports controlled point-to-point analog channel verification

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	ABB Advant OCS S100 I/O
02	Assigned DSAI 133A analog input board
03	Documented analog field wiring and cable identifiers
04	Approved shield and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	ABB Advant OCS S100 I/O
Interface role	Analog field termination for the assigned DSAI 133A input board
Field / power context	Passive connection unit; retain the installed field-loop and shield arrangement
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

ENGINEERING BOUNDARY

Confirm DSTA002B-3BSE018317R1, DSTA 002B, DSAI 133A, exchange number 7650 055-785, S100 I/O host, terminal map, shields, grounding and controlled analog-channel test evidence before commissioning.

PRE-INSTALLATION CHECKS

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.

Applications and Engineering Context

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.

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	DSTA002B-3BSE018317R1 recorded
Host / carrier	ABB Advant OCS S100 I/O
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

IMPORTANT NOTICE

Confirm DSTA002B-3BSE018317R1, DSTA 002B, DSAI 133A, exchange number 7650 055-785, S100 I/O host, terminal map, shields, grounding and controlled analog-channel test evidence before commissioning.

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	ABB DSQC323 3HAB5956-1 robot board
02	ABB DSQC651 I/O unit
03	ABB YPC111B optical distributor
04	ABB DSTD110A output connection unit
05	ABB RDCO-02C DDCS adapter
06	ABB 3BHE009319R0001 UNITROL assembly
07	ABB ZCU-14 control unit
08	ABB PPC381 AE control board

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

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

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