

MODEL-SPECIFIC TECHNICAL REFERENCE

ABB DSTD197 3BSE004726R1 S100 Digital Input Connection Unit

DSTD197 3BSE004726R1 is an ABB S100 digital input connection unit used with the DSDI 110A family for 110 V DC or 120 V AC field signals. It organizes thirty-two inputs into four isolated groups.

Manufacturer ABB	Product family Advant Master S100 I/O	Configuration DSTD197 3BSE004726R1
---------------------	--	---------------------------------------

Officially documented configuration

ABB type designation	DSTD197
Product ID	3BSE004726R1
I/O system	Advant Master S100
Associated input unit	DSDI 110A family
Function	Digital input connection unit
Input capacity	32 channels
Group arrangement	4 groups
Group size	8 inputs per group
Isolation	Groups electrically isolated
Field voltage	110 V DC or 120 V AC
Signal use	Discrete status acquisition
System functions	Scanning and interrupt/event handling
Measured warehouse weight	0.14 kg
Measured warehouse dimensions	12 x 8 x 3.5 cm

INSTALLATION AND PROCUREMENT REFERENCE

DSTD197 3BSE004726R1 application guidance

ABB DSTD197 3BSE004726R1 is the connection-unit configuration documented with the S100 DSDI 110A digital input hardware. The arrangement serves thirty-two high-voltage discrete inputs grouped as four electrically isolated sections.

The connection unit provides the field-side termination and signal path used by the input board for 110 V DC or 120 V AC process states. It supports plant status acquisition and event or interrupt handling within an Advant Master S100 I/O station.

Replacement requires the exact 3BSE004726R1 identity, matching DSDI input electronics, group commons, field voltage, terminal numbering, cable, and rack documentation. Isolate all high-voltage sources and prove the terminal unit de-energized before conductors are moved.

High-risk technical note

For DSTD197 3BSE004726R1, isolate all 110 V DC or 120 V AC groups and verify common separation, terminal numbering, DSDI pairing, and cable orientation before replacement.

Manufacturer source record

• ABB Advant Master S100 I/O System User Manual 3BSE004616R0201



Request a quotation for DSTD197 3BSE004726R1

Email: info@apterpower.com

Phone: +86 18106909650

Please include the complete nameplate, quantity, destination, and required delivery date.

Prepared from the manufacturer references listed above. Verify the latest manufacturer revision and the complete installed configuration before replacement or commissioning.