DSTD132 57160001-FX

16-Channel Digital Input Connection Unit

ABB DSTD132 57160001-FX is a 16-channel digital input connection unit for the ABB S100 I/O / Advant OCS.

DSTD132 57160001-FX configuration dashboard

Sixteen-point input termination

The unit preserves the installed digital-input terminal map for its companion board.

High-voltage screening boundary

Every circuit is checked against the published 240 V maximum and site category requirements.

Input-state traceability

As-found contact and energized states are recorded before conductors are moved.

Exact order-code identity

Complete product reference	DSTD132 57160001-FX
Manufacturer	ABB
Product type	16-Channel Digital Input Connection Unit
Primary article number	57160001-FX
System family	ABB S100 I/O / Advant OCS
Manufacturer designation	DSTD 132
Channel count	16
Maximum circuit voltage	240 V

ABB identifies 57160001-FX as DSTD132, a connection unit for a 16-channel digital input board with a maximum 240 V description.

16-Channel Digital Input Connection Unit technical capability map

Companion function	Digital input board termination
Signal role	Field-input connection and routing
Supply condition	New, original product

Mounting accessory	3BSE021202R1 screw kit
Replacement basis	Complete marking and installed interface

Installed signal or connection path

Field signal > **Termination block** > **DSTD132 57160001-FX** > **LocalBus** > **Control strategy**

System interpretation boundary

The unit routes field input circuits to its companion board. It must not be confused with DSTD110A digital-output termination or DSTX pulse-counter hardware.

Before service, identify each source voltage and contact state. Restore the terminal schedule, then verify input indication and configured process meaning point by point.

Application fit decisions for DSTD132 57160001-FX

16-channel digital input termination

Preserve documented field contact and voltage-source routing.

Alarm and permissive inputs

Confirm normal-state interpretation and safe isolation for each point.

S100 cabinet maintenance

Replace a passive connection unit without remapping controller inputs.

High-voltage input screening

Apply the approved electrical procedure for circuits approaching the stated maximum.

Engineering decision matrix

How many input channels are associated with DSTD132 57160001-FX?	ABB describes the unit for 16 digital input channels.
What maximum voltage is documented for DSTD132 57160001-FX?	The manufacturer product data states a maximum of 240 V.

Why must DSTD132 57160001-FX not be confused with DSTD110A?	DSTD132 is for digital inputs, while DSTD110A is a 32-channel digital output connection unit.
What should be measured before disconnecting DSTD132 57160001-FX?	Record source voltage, contact state and configured process interpretation for every used channel.

Applications must be evaluated against the exact installed machine drawing, target, companion hardware and receiving channel. Related product references do not imply substitution.

DSTD132 57160001-FX service controls and maintenance logic

Capture the complete identity

Photograph every character of DSTD132 57160001-FX, its revision suffix and the installed position before removal.

Control stored energy

Apply the approved isolation procedure and prove the affected circuits safe before disconnecting hardware.

Label every interface

Mark plugs, terminal conductors, slot position and companion hardware at both ends.

Protect contacts and boards

Use clean ESD-safe handling and prevent bent pins, contamination, side load and unsupported cable weight.

Restore the documented arrangement

Reproduce the original slot, orientation, connector seating, grounding and cable route.

Prove the restored function

Verify power, diagnostics and representative channel or controller behavior before handover.

Additional technical questions

How should mixed voltages be handled on DSTD132 57160001-FX?	Follow the approved segregation, isolation and site electrical-category requirements for each circuit.
Which mounting kit is referenced for DSTD132 57160001-FX?	ABB references screw kit 3BSE021202R1 for this connection-unit family.
What fault can remain after replacing DSTD132 57160001-FX?	A field-source, cable, companion input-board or database fault can remain even when the connection unit is sound.
What proves DSTD132 57160001-FX is ready for service?	Each tested field state must appear at the correct configured input with clean diagnostics.

Technical notes

Exact identity	DSTD132 57160001-FX; article 57160001-FX

System boundary	Verify the installed ABB S100 I/O / Advant OCS configuration and every mating interface before exchange
Technical reference	ABB Advant OCS product data and S100 I/O hardware documentation

DSTD132 57160001-FX source record and supported references

Manufacturer reference	ABB Advant OCS product data and S100 I/O hardware documentation
Applicability	Facts are limited to the exact order-code selections and stated matched-system conditions.
Public page	Exact product page linked from the first-page model title
Evidence boundary	No neighboring-model option or unsupported lifecycle conclusion is assigned to this product.

Verified related product references and contact

Recommended product	ABB DSQC406 3HAC035301-001
Recommended product	ABB DSQC604 3HAC12928-1
Recommended product	ABB DSQC608 3HAC12934-1
Recommended product	ABB DSQC611 3HAC13389-2
Recommended product	ABB DSQC652 3HAC025917-001

Discuss the exact marking and installed relationship with Apter Power.
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