

ABB DI620 3BHT300002R1

Digital Input Module / Product dashboard

Release correlates every used physical input with the intended controller bit and recorded group supply.

IDENTITY

ABB DI620 3BHT300002R1

PRODUCT ROLE

Digital Input Module

PLATFORM

S600 I/O

CONTROL BASIS

Exact evidence plus installed-system record

Manufacturer product ID	3BHT300002R1
ABB type designation	DI620
Module class	Digital input
Input channels	32
Nominal signal	24 V DC
Grouping	Four isolated groups

The dashboard places DI620 3BHT300002R1 identity, operating role and maintenance boundaries in one review surface for the S600 I/O installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

ABB DI620 3BHT300002R1

Digital Input Module / Technical matrix

Manufacturer product ID	3BHT300002R1
ABB type designation	DI620
Module class	Digital input
Input channels	32
Nominal signal	24 V DC
Grouping	Four isolated groups
Channel type	DI
System	S600 I/O

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

ABB Advant Controller 110 Hardware Overview

REVISION NOTE

3BDD 010 003R0003, S600 digital-input table

ABB DI620 3BHT300002R1

Digital Input Module / Application architecture

Machine-state acquisition

Reads thirty-two documented 24 V DC field conditions.

Grouped permissive inputs

Keeps field groups separated according to the station design.

Alarm-contact monitoring

Transfers configured contact states to the controller database.

Exact module replacement

Restores DI620 wiring and mapping without applying DI610 assumptions.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the S600 I/O context, DI620 3BHT300002R1 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

ABB DI620 3BHT300002R1

Digital Input Module / Risk and decision register

PRIMARY RISK

A mismatch between the DI620 3BHT300002R1 label and the installed digital input module record.

CONFIGURATION RISK

Loss of the DI620 3BHT300002R1 project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another S600 I/O item as automatically equivalent to DI620 3BHT300002R1.

RELEASE RISK

Returning DI620 3BHT300002R1 to control before diagnostics and functional response are witnessed.

Decision register

How many inputs does ABB DI620 3BHT300002R1 provide?

It provides thirty-two digital input channels.

How are ABB DI620 3BHT300002R1 channels grouped?

The thirty-two inputs are isolated in four groups.

Is ABB DI610 wiring valid for ABB DI620 3BHT300002R1?

No. The catalogue distinguishes their isolation arrangements.

How is ABB DI620 3BHT300002R1 tested?

Change each approved field state and compare circuit condition, indication and controller bit.

Which signal level is documented for ABB DI620 3BHT300002R1?

The S600 catalogue identifies 24 V DC inputs.

What wiring data must be retained for ABB DI620 3BHT300002R1?

Keep channel labels, group commons, polarity, terminal positions and controller mapping.

What should be checked before energizing ABB DI620 3BHT300002R1?

Check field supply polarity, group commons, fusing, conductor placement and secure seating.

What stops the ABB DI620 3BHT300002R1 release?

Any unresolved channel, common, supply or database mismatch keeps the input group out of service.

Decision closeout

Approve the DI620 3BHT300002R1 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

ABB DI620 3BHT300002R1

Digital Input Module / Canonical record and support

Canonical identity	ABB DI620 3BHT300002R1
Product name	Digital Input Module
Family	S600 I/O
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

ABB BC810K01 3BSE031154R1

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ABB TU833

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MANUFACTURER EVIDENCE RECORD

ABB Advant Controller 110 Hardware Overview

3BDD 010 003R0003, S600 digital-input table

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Send the exact model, quantity, destination and requested condition for a quotation.

