

# ABB CI610 3BHT300003R1

I/O Bus Extender / Product dashboard

Acceptance closes only when the bus is healthy and every downstream module returns to its documented state.

**IDENTITY**

ABB CI610 3BHT300003R1

**PRODUCT ROLE**

I/O Bus Extender

**PLATFORM**

S600 I/O

**CONTROL BASIS**

Exact evidence plus installed-system record

|                         |                                   |
|-------------------------|-----------------------------------|
| Manufacturer product ID | 3BHT300003R1                      |
| ABB type designation    | CI610                             |
| Catalog description     | IOB_A bus extender for basic unit |
| Long description        | I/O bus extender                  |
| Equipment role          | Extends the basic-unit I/O bus    |
| Exchange reference      | 7650055-439                       |

The dashboard places CI610 3BHT300003R1 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 CI610 3BHT300003R1

I/O Bus Extender / Technical matrix

|                         |                                   |
|-------------------------|-----------------------------------|
| Manufacturer product ID | 3BHT300003R1                      |
| ABB type designation    | CI610                             |
| Catalog description     | IOB_A bus extender for basic unit |
| Long description        | I/O bus extender                  |
| Equipment role          | Extends the basic-unit I/O bus    |
| Exchange reference      | 7650055-439                       |
| RoHS                    | Following EU Directive 2011/65/EU |
| Battery count           | 0                                 |

## 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 CI610 Exact Product Record

## REVISION NOTE

3BHT300003R1 official product data

# ABB CI610 3BHT300003R1

I/O Bus Extender / Application architecture

## Basic-unit bus extension

Continues the documented I/O bus beyond the base assembly.

## Legacy station maintenance

Preserves module order and interface topology during controlled service.

## Bus-fault isolation

Supports inspection of the extender position without redesigning the station.

## Exact interface renewal

Restores the CI610 position with its original connectors and route.

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

Within the S600 I/O context, CI610 3BHT300003R1 must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

# ABB CI610 3BHT300003R1

I/O Bus Extender / Risk and decision register

## PRIMARY RISK

A mismatch between the CI610 3BHT300003R1 label and the installed i/o bus extender record.

## CONFIGURATION RISK

Loss of the CI610 3BHT300003R1 project, mapping, wiring or interface baseline.

## SELECTION RISK

Treating another S600 I/O item as automatically equivalent to CI610 3BHT300003R1.

## RELEASE RISK

Returning CI610 3BHT300003R1 to control before diagnostics and functional response are witnessed.

## Decision register

### What is ABB CI610 3BHT300003R1?

It is the I/O bus extender identified for an S600 basic unit.

### Which exchange reference is published for ABB CI610 3BHT300003R1?

The ABB product record lists 7650055-439.

### Can ABB CI610 3BHT300003R1 be treated as a generic network converter?

No. It is tied to the documented I/O bus arrangement.

### What is checked after energizing ABB CI610 3BHT300003R1?

Review bus and controller diagnostics plus the health of every downstream module.

### Is ABB CI610 3BHT300003R1 an I/O signal module?

No. Its documented role is bus extension rather than field signal conversion.

### What topology data must be retained for ABB CI610 3BHT300003R1?

Keep the basic-unit position, bus direction, module sequence, connectors and cable route.

### What should be inspected before installing ABB CI610 3BHT300003R1?

Inspect contacts, connector seating, cable strain relief, grounding and enclosure condition.

### What is the replacement boundary for ABB CI610 3BHT300003R1?

The full type and product ID must match; topology changes require separate engineering approval.

## Decision closeout

Approve the CI610 3BHT300003R1 decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

# ABB CI610 3BHT300003R1

I/O Bus Extender / Canonical record and support

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| <b>Canonical identity</b> | ABB CI610 3BHT300003R1                           |
| <b>Product name</b>       | I/O Bus Extender                                 |
| <b>Family</b>             | S600 I/O                                         |
| <b>Selection boundary</b> | Exact identity; no neighboring-model inference   |
| <b>Release boundary</b>   | Installed record plus witnessed functional proof |

## VERIFIED APTER POWER CATALOG REFERENCES

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

**ABB AO801**

[View ABB AO801 page](#)

**ABB AO810 3BSE008522R1**

[View ABB AO810 3BSE008522R1 page](#)

## MANUFACTURER EVIDENCE RECORD

### ABB CI610 Exact Product Record

3BHT300003R1 official product data

### CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL [sales13@apterpower.com](mailto:sales13@apterpower.com)

WEBSITE [www.apterpower.com](http://www.apterpower.com)

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

