AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

CI610

Local Input Output Bus Extender

TYPE	REFERENCE	FAMILY	SCOPE
Local Input Output Bus Extender	**CI610**	**S600 I/O / Advant Controller**	**Scoped verified data**

ABB CI610 is an I/O-bus extender for the S600 local-I/O station arrangement. It links the I/O station to the controller bus-extension architecture and is distinct from the CI615 extender used at the basic station in the redundant arrangement.

01 DOCUMENTED PRODUCT REFERENCE

Local bus role	I/O-station bus extension
Redundant station interfaces	2 CI610 modules
Redundant module positions	I/O-station positions 1 and 2
Redundant extension lines	2 separate bus lines

Evidence-limited technical summary; no unsupported electrical ratings added.

02 TECHNICAL DATA

Maximum bus-line cable length	20 m per line, total of connected TK610 cables
Permitted ground-terminal voltage difference	Less than ±2 V between stations
Extension-bus cable type	TK610
I/O-station bus termination	Built-in termination in the illustrated redundant arrangement

03 APPLICATION AND CONFIGURATION

- CI610 and complete supplied marking
- Correct station-side bus extension and termination
- Redundant or nonredundant station arrangement
- Qualified installation and functional acceptance
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB Advant Controller 160 Product Guide, 3BSE014721R401, section3.2.1

Only the stated model-specific facts and explicitly scoped family data are summarized; unknown electrical ratings are excluded.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

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