

Schneider Electric 170INT11003

Interbus communication adapter for Momentum I/O

Schneider Electric 170INT11003 is a Modicon Momentum Interbus communication adapter for a 500 kbit/s twisted-pair ring using the documented SUP13 interface functions.

Network	Interbus
Medium	Twisted pair
Roles	Master / slave
Interface	SUP13
Data rate	500 kbit/s
Topology	Ring

EXACT MODEL

170INT11003 is the controlled service identity. Do not shorten or normalize the suffix.

SYSTEM BOUNDARY

Preserve ring direction, station identity and the installed Momentum base pairing.

ACCEPTANCE RECORD

Record the installed position, wiring or network identity, configuration and final functional test.

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Network	Interbus
Medium	Twisted pair
Roles	Master / slave
Interface	SUPI3
Data rate	500 kbit/s

Topology	Ring
Error check	CRC16
Failsafe	Supported
Protection	IP20
Operating temperature	0 to 60 degrees C

ENGINEERING CHECK

Compare every applicable field value with the installed nameplate, electrical drawings and controller configuration before release.

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MOMENTUM INTERBUS NODE Connects an installed Momentum I/O base to the Interbus ring.	RING CONTINUITY SERVICE Retains the incoming and outgoing twisted-pair path through the node.
DETERMINISTIC I/O EXCHANGE Uses the published 500 kbit/s Interbus communication rate.	EXACT ADAPTER RENEWAL Restores the same SUP13 communication identity and station record.

Identity	170INT11003
Series	Modicon Momentum
Role	Interbus communication adapter for Momentum I/O
Release boundary	Preserve ring direction, station identity and the installed Momentum base pairing.

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Interbus communication adapter for Momentum I/O

Which network does 170INT11003 use?

It is an Interbus communication adapter for twisted-pair ring installations.

What communication speed is published?

The datasheet states 500 kbit/s.

What error-check method is identified?

CRC16 is used in the documented Interbus communication process.

What should be recorded before removal?

Record the station position, inbound and outbound cables, base identity and controller configuration.

How should ring continuity be proven?

Reconnect both directions, restore the approved sequence and verify the complete network and I/O exchange.

Can another Momentum adapter be used because it fits the base?

Mechanical fit alone is not sufficient; retain the exact 170INT11003 network identity.

DECISION RULE

When the installed marking or project record conflicts with a catalog assumption, stop and verify the exact Schneider Electric documentation before service.

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01 / Confirm the complete 170INT11003 marking, rack or drive position and controlled maintenance record.

02 / Place the connected machine and control system in the approved safe maintenance state.

03 / Isolate every documented power and field circuit, then prove the absence of hazardous energy.

04 / Record the network and published value Interbus; do not replace it with a nearby family value.

05 / Preserve the medium and published value Twisted pair, terminal labels, cable identities, shield and grounding arrangement.

06 / Protect connectors and electronics with grounded ESD controls and clean handling practices.

07 / Restore wiring and power only after a point-by-point inspection against the service record.

08 / Preserve ring direction, station identity and the installed Momentum base pairing.

RETURN-TO-SERVICE

Release only after the documented signal, network or motion response is proven and the final acceptance record is retained.

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SOURCE LEDGER

Schneider Electric 170INT11003 Product Data Sheet

The exact manufacturer product data sheet is retained unchanged in Manuals 2.

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SELECTED APTER POWER CATALOG LINKS

Browsing references only. No compatibility, replacement or interchangeability claim is implied.

[View Schneider Electric 140NOE77101](#)

[View Schneider Electric 140ARI03010](#)

[View Schneider Electric 140CPS11100](#)

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