

Schneider Electric 140NOM21200

Distributed-I/O head-end adapter with Modbus and Modbus Plus

Schneider Electric 140NOM21200 is a Modicon Quantum DIO head-end adapter combining one Modbus serial port with two redundant Modbus Plus copper ports.

Function	DIO head-end adapter
Compatible drops	140CRA21210 / 140CRA21220
Serial port	1 Modbus RS232
Network ports	2 Modbus Plus RS485
Network medium	Copper
Data rate	1 Mbit/s

EXACT MODEL

140NOM21200 is the controlled service identity. Do not shorten or normalize the suffix.

SYSTEM BOUNDARY

Preserve node addressing, both Modbus Plus paths and the serial-port settings as separate records.

ACCEPTANCE RECORD

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

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Compatible drops	140CRA21210 / 140CRA21220
Serial port	1 Modbus RS232
Network ports	2 Modbus Plus RS485
Network medium	Copper

Data rate	1 Mbit/s
I/O capacity	30 input / 32 output words
Power dissipation	4 W
Bus current	780 mA
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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QUANTUM DIO MASTER Coordinates distributed drops from the local Quantum rack.	REDUNDANT MODBUS PLUS Maintains two copper network paths where the architecture uses redundancy.
SERIAL ENGINEERING ACCESS Uses the documented RS232 Modbus interface for the approved service workflow.	EXACT NETWORK RENEWAL Preserves the node map and 140NOM21200 head-end identity.

Identity	140NOM21200
Series	Modicon Quantum
Role	Distributed-I/O head-end adapter with Modbus and Modbus Plus
Release boundary	Preserve node addressing, both Modbus Plus paths and the serial-port settings as separate records.

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Distributed-I/O head-end adapter with Modbus and Modbus Plus

Which drop adapters are listed with 140NOM21200?

The datasheet lists 140CRA21210 and 140CRA21220 as compatible drop interfaces.

How many Modbus Plus ports are provided?

Two redundant RS485 copper Modbus Plus ports are documented.

What is the separate serial interface?

One RS232 Modbus port is provided in addition to the Modbus Plus network ports.

What controller data capacity applies?

The published capacity is 30 input words and 32 output words.

What must be retained before exchange?

Record the node address, both network routes, serial settings, rack slot and controller I/O map.

Does matching the connector prove compatibility?

No. The complete model, protocol role and configured topology must also match.

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 140NOM21200 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 function and published value DIO head-end adapter; do not replace it with a nearby family value.

05 / Preserve the compatible drops and published value 140CRA21210 / 140CRA21220, 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 node addressing, both Modbus Plus paths and the serial-port settings as separate records.

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 140NOM21200 Product Data Sheet

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

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What is the separate serial interface?

One RS232 Modbus port is provided in addition to the Modbus Plus network ports.

SELECTED APTER POWER CATALOG LINKS

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

[View Schneider Electric 140DDO35300](#)

[View Schneider Electric 140DDI35300](#)

[View Schneider Electric 140NRP95400](#)

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