

Schneider Electric 140CRP93200

Remote-I/O head-end adapter for coaxial Quantum RIO networks

Schneider Electric 140CRP93200 is the Modicon Quantum remote-I/O head-end adapter for a 75-ohm coaxial RIO network with redundant F-connector paths.

Function	RIO head-end adapter
Drops per network	Up to 31
Capacity per drop	64 input / 64 output words
Transmission medium	75-ohm coaxial cable
Dynamic range	35 dB
Isolation	500 V DC

EXACT MODEL

140CRP93200 is the controlled service identity. Do not shorten or normalize the suffix.

SYSTEM BOUNDARY

Verify both coaxial routes, termination and the complete drop map before energizing the RIO network.

ACCEPTANCE RECORD

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

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Capacity per drop	64 input / 64 output words
Transmission medium	75-ohm coaxial cable
Dynamic range	35 dB
Isolation	500 V DC

Connectors	2 female F connectors
Network arrangement	Redundant coaxial paths
Power dissipation	3 W
Bus current	750 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 RIO HEAD END
Coordinates remote drops in the documented Quantum coaxial RIO architecture.

REDUNDANT COAX NETWORKS
Retains the primary and redundant 75-ohm F-connector paths.

MULTI-DROP INSTALLATIONS
Supports the documented network scale of up to 31 drops.

EXACT HEAD-END SERVICE
Restores the same 140CRP93200 function while retaining the network map.

Identity	140CRP93200
Series	Modicon Quantum
Role	Remote-I/O head-end adapter for coaxial Quantum RIO networks
Release boundary	Verify both coaxial routes, termination and the complete drop map before energizing the RIO network.

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Remote-I/O head-end adapter for coaxial Quantum RIO networks

Where is 140CRP93200 installed?

It is used at the head end of a Modicon Quantum remote-I/O coaxial network.

How many drops are documented?

The manufacturer datasheet states up to 31 drops per network.

Which cable impedance must be retained?

The RIO network uses 75-ohm coaxial cable and the documented F-connector topology.

What does the 500 V DC value describe?

It is the published isolation value, not the normal network operating voltage.

What must be recorded before removal?

Record the rack slot, drop map, primary and redundant coax routes, terminators and connector labels.

May 140CRP93200 be replaced by a nearby CRP entry?

Only a separately engineered substitution may do so; this page describes the exact 140CRP93200.

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 140CRP93200 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 RIO head-end adapter; do not replace it with a nearby family value.

05 / Preserve the drops per network and published value Up to 31, 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 / Verify both coaxial routes, termination and the complete drop map before energizing the RIO network.

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 140CRP93200 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 170ADI35000](#)

[View Schneider Electric 170AAI14000](#)

[View Schneider Electric ATV61HD75N4](#)

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