

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.

PRODUCT ROLE

Remote-I/O head-end adapter for coaxial Quantum RIO networks. The complete order reference controls the identity used for service and procurement.

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
Connectors	2 female F connectors

IDENTITY CONTROL

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

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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

VALUE DISCIPLINE

Each value on this page comes from the exact Schneider Electric product datasheet. It is not borrowed from another family member.

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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.

INTEGRATION LIMIT

These are documented engineering uses, not proof that the product can substitute for a different model or configuration.

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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 / CONTROL POINT

Confirm the complete 140CRP93200 marking, rack or drive position and controlled maintenance record.

02 / CONTROL POINT

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

03 / CONTROL POINT

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

04 / CONTROL POINT

Record the function and published value RIO head-end adapter; do not replace it with a nearby family value.

05 / CONTROL POINT

Preserve the drops per network and published value Up to 31, terminal labels, cable identities, shield and grounding arrangement.

06 / CONTROL POINT

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

07 / CONTROL POINT

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

08 / CONTROL POINT

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

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SOURCE LEDGER

Schneider Electric 140CRP93200 Product Data Sheet

Exact-model manufacturer document supplied unchanged as Manuals 2.

Evidence scope	Exact order reference and published technical characteristics
Manuals 2	140CRP93200-datasheet.pdf
Authored files	Technical Reference plus Complete Product Information

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](#)

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEB www.apterpower.com



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