

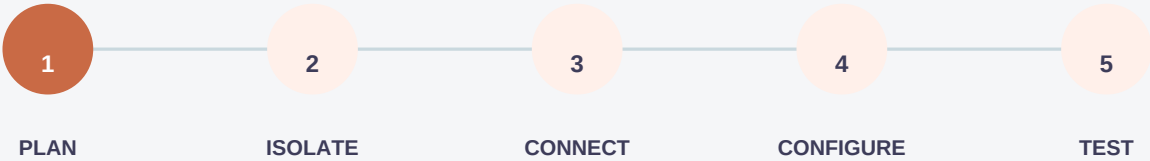
# 140CRP93100

## Modicon Quantum RIO Head-End Adapter Module

CONTROLLED ENGINEERING COPY

Schneider Electric 140CRP93100 is a Modicon Quantum remote-I/O head-end adapter with one channel and a single-cable connector. It links the controller to the documented coaxial RIO network.

| INSTALLATION IDENTITY | REQUIRED VALUE                             |
|-----------------------|--------------------------------------------|
| Complete model        | 140CRP93100                                |
| Manufacturer          | Schneider Electric                         |
| System family         | Modicon Quantum                            |
| Record scope          | Installation, application and verification |



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# 01 PRE-INSTALLATION PLAN

- 1

Confirm the complete 140CRP93100 marking and the documented Modicon Quantum RIO Head-End Adapter Module execution.
- 2

Place the machine, controller and affected process in the approved maintenance state.
- 3

Isolate all hazardous energy and prove the safe state before disconnecting hardware.
- 4

Record the installed position, every terminal or port, and the active engineering configuration.
- 5

Verify the exact electrical, interface and environmental limits in the manufacturer evidence.

## MATCHED HARDWARE

- Schneider Electric 140CRP93100 with complete article identity
- Matched Modicon Quantum host or connected equipment
- Documented power, signal and communication interfaces
- Approved configuration, diagnostics and acceptance record

## INSTALLATION CONTROL RECORD

| CONTROL ITEM       | REQUIRED RECORD                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| Identity           | 140CRP93100 recorded                                                                                                       |
| Physical interface | Installed terminals, ports and signal paths matched to the as-found record                                                 |
| Configuration      | Approved hardware and engineering configuration restored                                                                   |
| Functional proof   | Controlled test confirms head-end communication between a Quantum controller and one documented remote-I/O coaxial channel |

## 02 WIRING & INTERFACE CHECKS

| CHECK ITEM           | REQUIRED VALUE                            |
|----------------------|-------------------------------------------|
| Product designation  | RIO head-end adapter module               |
| Automation platform  | Modicon Quantum                           |
| Remote-I/O channels  | 1                                         |
| External connection  | 1 connector with single cable             |
| Bus current required | 600 mA                                    |
| Power dissipation    | 3 W                                       |
| Comparison reference | 140CRP93200 provides two channels         |
| System role          | Quantum remote-I/O head-end communication |

RELATED PRODUCT PAGES

1 Schneider Electric 140NRP95400

2 Schneider Electric 140NOE77111

3 Schneider Electric 140NOE77101

4 Schneider Electric 140DDO84300

5 Schneider Electric 140DDO35300

6 Schneider Electric 140DDI85300

7 Schneider Electric 140DDI84100

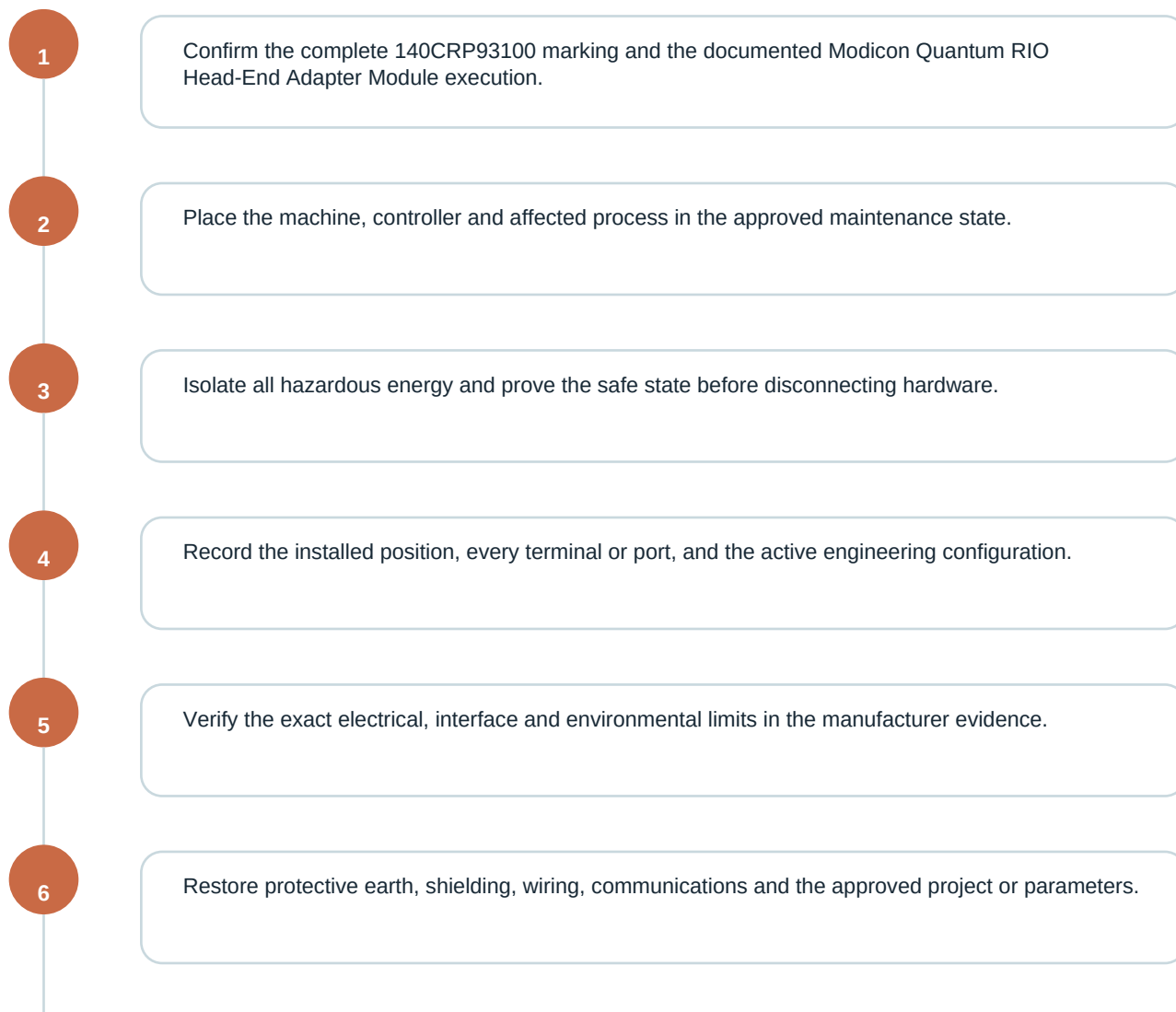
8 Schneider Electric 140DDI35300

9 Schneider Electric 140DAO84000

### FIELD NOTE

Confirm 140CRP93100, its exact Modicon Quantum host, power source, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

## 03 COMMISSIONING WORKFLOW



### COMMISSIONING ACCEPTANCE EVIDENCE

| EVIDENCE ITEM      | ACCEPTANCE CONDITION                                                                                                       |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| Identity           | 140CRP93100                                                                                                                |
| Physical interface | Installed terminals, ports and signal paths matched to the as-found record                                                 |
| Configuration      | Approved hardware and engineering configuration restored                                                                   |
| Functional proof   | Controlled test confirms head-end communication between a Quantum controller and one documented remote-I/O coaxial channel |

# 04 RETURN-TO-SERVICE RECORD

- ☐ Verify the exact electrical, interface and environmental limits in the manufacturer evidence.
- ☐ Restore protective earth, shielding, wiring, communications and the approved project or parameters.
- ☐ Energize under control and review all device, rack, network and process diagnostics.
- ☐ Complete a controlled functional test of head-end communication between a Quantum controller and one documented remote-I/O coaxial channel before release.

## VERIFICATION RECORD

|                     |                                                |
|---------------------|------------------------------------------------|
| PRODUCT IDENTITY    | 140CRP93100                                    |
| INSTALLED POSITION  | Documented Modicon Quantum position            |
| VERIFICATION METHOD | Controlled inspection and functional test      |
| RELEASE RECORD      | Final diagnostic state retained before service |

## FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify the exact electrical, interface and environmental limits in the manufacturer evidence.
- ☐ Restore protective earth, shielding, wiring, communications and the approved project or parameters.
- ☐ Energize under control and review all device, rack, network and process diagnostics.
- ☐ Complete a controlled functional test of head-end communication between a Quantum controller and one documented remote-I/O coaxial channel before release.

## SOURCE IDENTIFIERS

Schneider Electric 140CRP93100 product record and FAQ FA197498 | Official manufacturer evidence verified 28 September 2026