

140CHS11000

Modicon Quantum Hot Standby Module

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Schneider Electric 140CHS11000 is the Modicon Quantum hot-standby module used with documented non-Unity Quantum processor architectures. A matched pair must retain compatible firmware and the approved primary/standby configuration.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	140CHS11000
Manufacturer	Schneider Electric
System family	Modicon Quantum
Record scope	Installation, application and verification

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PLANISOLATECONNECTCONFIGURETEST

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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete 140CHS11000 marking and the documented Modicon Quantum Hot Standby 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 140CHS11000 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	140CHS11000 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 primary/standby synchronization in a documented legacy Modicon Quantum hot-standby architecture

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product designation	Hot standby module
Automation platform	Modicon Quantum
Processor architecture	Documented non-Unity Quantum hot-standby systems
Pairing requirement	Both hot-standby modules require identical firmware versions
ComAct diagnostic	7 blinks indicates a PROM checksum error
Firmware recovery tool	EXECLoader
Crash code 6301	Firmware or PROM error present
Recovery code 0000	Successful firmware recovery
Unity Pro compatibility	140CHS11000 is not the Unity Pro hot-standby module
Lifecycle status	Discontinued 27 September 2024
Official replacement	No direct replacement listed

RELATED PRODUCT PAGES

1 Schneider Electric 140DDO35300

2 Schneider Electric 140DDI85300

3 Schneider Electric 140DDI84100

4 Schneider Electric 140DDI35300

5 Schneider Electric 140DAO84000

6 Schneider Electric 140DAI75300

7 Schneider Electric 140DAI74000

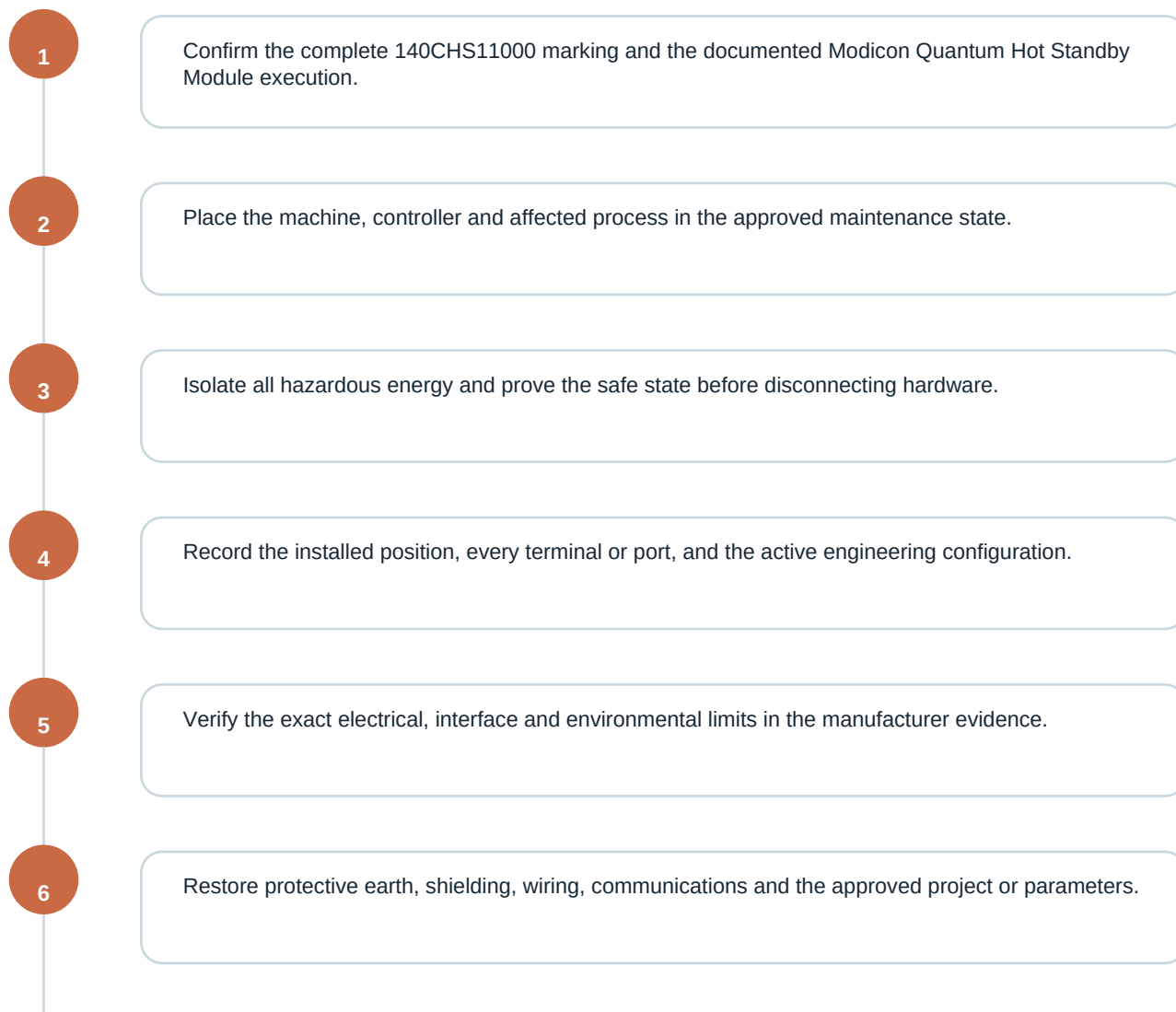
8 Schneider Electric 140CPU67160

9 Schneider Electric 140CPU43412U

FIELD NOTE

Confirm 140CHS11000, 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	140CHS11000
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 primary/standby synchronization in a documented legacy Modicon Quantum hot-standby architecture

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 primary/standby synchronization in a documented legacy Modicon Quantum hot-standby architecture before release.

VERIFICATION RECORD

PRODUCT IDENTITY	140CHS11000
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 primary/standby synchronization in a documented legacy Modicon Quantum hot-standby architecture before release.

SOURCE IDENTIFIERS

Schneider Electric 140CHS11000 product record, FAQ FA276443 and Quantum migration guidance | Official manufacturer evidence verified 28 September 2026