

INDUSTRIAL AUTOMATION PRODUCT

140CHS11000

Modicon Quantum Hot Standby Module

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Schneider Electric
System family	Modicon Quantum
Part number	140CHS11000
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install 140CHS11000 only in the documented Modicon Quantum position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and primary/standby synchronization in a documented legacy Modicon Quantum hot-standby architecture before service release.

System Role and Architecture

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.

FUNCTION 1
Quantum hot-standby module

FUNCTION 2
Matched-module firmware requirement

FUNCTION 3
ComAct diagnostic signaling

FUNCTION 4
EXECLoader firmware recovery support

RELATED APTER POWER PAGES

1 Schneider Electric 140DSI35300

2 Schneider Electric 140NOE77100

3 Schneider Electric 990XCP98000

4 Schneider Electric 140XTS00200

5 Schneider Electric 140XBP00600

6 Schneider Electric 140NRP95400

7 Schneider Electric 140NOE77111

8 Schneider Electric 140NOE77101

9 Schneider Electric 140DDO84300

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Modicon Quantum
02	Matched Modicon Quantum host or field system
03	Documented power, signal, communication and protective interfaces
04	Approved engineering configuration and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Modicon Quantum
Interface role	primary/standby synchronization in a documented legacy Modicon Quantum hot-standby architecture
Field / power context	documented Modicon Quantum installation
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

RELATED PRODUCT PAGES

1 Schneider Electric 140DSI35300

2 Schneider Electric 140NOE77100

3 Schneider Electric 990XCP98000

4 Schneider Electric 140XTS00200

5 Schneider Electric 140XBP00600

6 Schneider Electric 140NRP95400

7 Schneider Electric 140NOE77111

8 Schneider Electric 140NOE77101

9 Schneider Electric 140DDO84300

ENGINEERING BOUNDARY

Confirm 140CHS11000, its exact Modicon Quantum host, power source, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

Legacy Quantum redundancy

Maintains the approved primary and standby controller arrangement.

Hot-standby module replacement

Preserves slot, fiber link, firmware and system configuration.

ComAct fault recovery

Uses the documented blink pattern and crash code to guide firmware recovery.

Redundancy acceptance test

Proves synchronized operation and controlled role transfer before release.

TECHNICAL NOTE

Install 140CHS11000 only in the documented Modicon Quantum position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and primary/standby synchronization in a documented legacy Modicon Quantum hot-standby architecture before service release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	140CHS11000 recorded
Host / carrier	Modicon Quantum
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

IMPORTANT NOTICE

Confirm 140CHS11000, its exact Modicon Quantum host, power source, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Schneider Electric 140DSI35300

View Schneider Electric 140DSI35300 page

2

Schneider Electric 140NOE77100

View Schneider Electric 140NOE77100 page

3

Schneider Electric 990XCP98000

View Schneider Electric 990XCP98000 page

4

Schneider Electric 140XTS00200

View Schneider Electric 140XTS00200 page

5

Schneider Electric 140XBP00600

View Schneider Electric 140XBP00600 page

6

Schneider Electric 140NRP95400

View Schneider Electric 140NRP95400 page

7

Schneider Electric 140NOE77111

View Schneider Electric 140NOE77111 page

8

Schneider Electric 140NOE77101

View Schneider Electric 140NOE77101 page

9

Schneider Electric 140DDO84300

View Schneider Electric 140DDO84300 page

MANUFACTURER SOURCE RECORD

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

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.