

Schneider Electric

140XBP00600

Six-Slot Quantum Backplane

Schneider Electric 140XBP00600 is a six-slot Modicon Quantum backplane for local or remote I/O rack construction. Its non-interfering rack format provides the mechanical and bus foundation for the documented Quantum module set.

System position

Exact identity 140XBP00600	System family Modicon Quantum	Functional role PLC Backplane	Release basis Recorded test and diagnostics
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Keep the hardware and configuration identities together

140XBP00600 establishes a six-position Quantum rack where module order, power arrangement and backplane connections must remain aligned with the controlled hardware configuration.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Exact model	140XBP00600
Product class	PLC backplane / rack
System family	Modicon Quantum
Slot count	6
Rack use	Local or remote I/O modules
Rack execution	Non-interfering

Technical evidence record: Modicon Quantum Automation Platform Catalogue, page 21

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Interfaces and integration

Define the installed role

140XBP00600 establishes a six-position Quantum rack where module order, power arrangement and backplane connections must remain aligned with the controlled hardware

Exact model	140XBP00600
Product class	PLC backplane / rack
System family	Modicon Quantum

Map the host relationship

The complete 140XBP00600 identity is matched to the host position, companion hardware and retained engineering record before any connection is disturbed.

Host	Modicon Quantum
Primary role	mechanical retention and backplane-bus connection
Acceptance	Diagnostics and functional response

Interface control matrix

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Electrical	Power, field wiring and protective earth
Communication	Address, network and companion configuration
Configuration	Switches, parameters, project and revision
Release	Controlled test with retained result

Configuration continuity

Retain the recorded Modicon Quantum position, connected interfaces and configuration baseline.

Acceptance evidence

Release 140XBP00600 only after diagnostics and a controlled functional result are recorded.

Technical resource bands

Only values tied to the complete product identity are listed. Installation-specific settings remain governed by the controlled site record.

PARAMETER	VALUE
Exact model	140XBP00600
Product class	PLC backplane / rack
System family	Modicon Quantum
Slot count	6

PARAMETER	VALUE
Rack use	Local or remote I/O modules
Rack execution	Non-interfering
Configuration record	Module order and empty positions
Acceptance	Seating, retention and rack diagnostics

Identity decision

Accept only the complete 140XBP00600 marking and the recorded hardware execution.

Host decision

Confirm the receiving Modicon Quantum position and every companion component.

Interface decision

Compare mechanical fit, power, field wiring, communication and protective earth.

Release decision

Record diagnostics and a controlled test of mechanical retention and backplane-bus connection for six Quantum modules before handover.

Engineering boundary

Use 140XBP00600 only after the exact host, installed position, companion parts, protection measures and commissioning record have been matched. Do not borrow ratings from a similar-looking variant.

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Controls and service logic

Compact Quantum racks

Provides six controlled positions for a documented Quantum module set.

Remote-I/O assemblies

Supports a six-slot remote rack when matched to the approved adapter and power plan.

Local controller racks

Maintains processor, communication and I/O module order in a compact assembly.

Backplane renewal

Restores the mechanical and bus foundation without changing the engineered slot map.

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Read 140XBP00600 and all companion markings
2. Compare	Host, position, connections, settings and revision
3. Install	Restore wiring, shielding, retention and protection
4. Verify	Review diagnostics and execute controlled function test

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Engineering decisions

What is Schneider Electric 140XBP00600?

It is a six-slot Modicon Quantum backplane.

How many slots does 140XBP00600 provide?

It provides six module positions.

Can 140XBP00600 be used for remote I/O?

Yes, when the six-slot rack is matched to the documented remote-I/O architecture.

Can 140XBP00600 be used for a local rack?

Yes. The catalog identifies the rack for local or remote I/O modules.

What does the non-interfering description mean for 140XBP00600 service?

Use the documented Quantum rack execution and do not substitute a visually similar backplane.

What must be recorded before replacing 140XBP00600?

Record every slot, empty position, module label, power connection and retention component.

Related Apter Power pages

[Schneider Electric 140ACO02000 — View product page](#)

[Schneider Electric ATV930C16N4 — View product page](#)

[Schneider Electric ATV930C11N4 — View product page](#)

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