

Schneider Electric 140XBP01000

10-slot Modicon Quantum rack backplane

Schneider Electric 140XBP01000 is the ten-slot Modicon Quantum backplane used to mount and interconnect local, remote or distributed-I/O rack modules.

Product	Quantum rack backplane
Slots	10
I/O use	Local / remote / distributed
Mounting	Screw-mounted plate
Platform	Modicon Quantum
Role	Mechanical and bus interconnection

EXACT MODEL

140XBP01000 is the controlled service identity. Do not shorten or normalize the suffix.

SYSTEM BOUNDARY

Retain the complete ten-slot map and inspect every backplane connector before module installation.

ACCEPTANCE RECORD

Record the installed position, wiring or network identity, configuration and final functional test.

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Mounting	Screw-mounted plate

Platform	Modicon Quantum
Role	Mechanical and bus interconnection
Service identity	140XBP01000
Installation	Cabinet or mounting panel

ENGINEERING CHECK

Compare every applicable field value with the installed nameplate, electrical drawings and controller configuration before release.

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TEN-SLOT QUANTUM RACK

Provides the mechanical and bus foundation for ten documented module positions.

LOCAL I/O ASSEMBLY

Supports a local Quantum controller and associated modules.

REMOTE OR DIO RACK

Forms the backplane of an engineered remote or distributed rack.

EXACT RACK RENEWAL

Restores the same ten-slot layout without changing module positions.

Identity	140XBP01000
Series	Modicon Quantum
Role	10-slot Modicon Quantum rack backplane
Release boundary	Retain the complete ten-slot map and inspect every backplane connector before module installation.

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How many module positions does 140XBP01000 provide?

It is the ten-slot Modicon Quantum backplane.

Can it be used only for local I/O?

No. The datasheet identifies local, remote and distributed-I/O rack applications.

What must be documented before rack replacement?

Record every slot identity, empty position, power connection, address and cable route.

Does the backplane configure modules automatically?

No. The controller configuration and physical slot map must still agree.

What is the critical mechanical check?

Mount the rack flat and secure, then inspect connectors before reinstalling modules.

Can a different slot-count rack be substituted?

Not without redesign; this page describes the exact ten-slot 140XBP01000.

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 / Confirm the complete 140XBP01000 marking, rack or drive position and controlled maintenance record.

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

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

04 / Record the product and published value Quantum rack backplane; do not replace it with a nearby family value.

05 / Preserve the slots and published value 10, terminal labels, cable identities, shield and grounding arrangement.

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

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

08 / Retain the complete ten-slot map and inspect every backplane connector before module installation.

RETURN-TO-SERVICE

Release only after the documented signal, network or motion response is proven and the final acceptance record is retained.

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SOURCE LEDGER

Schneider Electric 140XBP01000 Product Data Sheet

The exact manufacturer product data sheet is retained unchanged in Manuals 2.

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SELECTED APTER POWER CATALOG LINKS

Browsing references only. No compatibility, replacement or interchangeability claim is implied.

[View Schneider Electric 140CPU43412](#)

[View Schneider Electric 171CCC76010](#)

[View Schneider Electric 170PNT11020](#)

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