

Schneider Electric 140CPU65160S

Safety Processor / Product dashboard

Acceptance of 140CPU65160S requires healthy diagnostics and the intended field, network or motion response to be witnessed and recorded.

IDENTITY
Schneider Electric 140CPU65160S

PRODUCT ROLE
Safety Processor

PLATFORM
Modicon Quantum

CONTROL BASIS
Exact evidence plus installed-system record

Processor class	Unity safety processor
Clock frequency	266 MHz
Internal RAM	1024 kB
Safety software	Unity Pro XL Safety
Local racks	1
Remote I/O stations	31

The dashboard places 140CPU65160S identity, operating role and maintenance boundaries in one review surface for the Modicon Quantum installation.

Dashboard boundary

This overview supports identification and maintenance planning; it does not declare compatibility with a neighboring model or approve a redesign.

Schneider Electric 140CPU65160S

Safety Processor / Technical matrix

Processor class	Unity safety processor
Clock frequency	266 MHz
Internal RAM	1024 kB
Safety software	Unity Pro XL Safety
Local racks	1
Remote I/O stations	31
Integrated Ethernet	1 local Ethernet TCP/IP port
Integrated serial	1 Modbus RS232/485 port
Integrated Modbus Plus	1 local port
Integrated USB	1 local port
Program expansion	7168 kB with PCMCIA card
File storage	8 MB with PCMCIA card

DATA USE

Values support exact-model identification and configuration review.

LIMIT CONTROL

Electrical, software and loading limits remain subject to the installed design.

RECORD SOURCE

Schneider Electric 140CPU65160S Product Data Sheet

REVISION NOTE

Exact Quantum Unity safety processor characteristics

Schneider Electric 140CPU65160S

Safety Processor / Application architecture

Quantum safety control

Executes a validated Unity safety application.

Remote I/O coordination

Manages the documented Quantum remote-I/O stations.

Multi-protocol integration

Uses the approved Ethernet, Modbus and Modbus Plus services.

Controlled processor replacement

Restores the exact CPU, project and memory-card baseline.

Input to decision	Exact label plus manufacturer evidence
Installed context	Rack, terminal, network, project and connected process
Change control	Approved scope and retained configuration baseline
Proof	Diagnostic state plus witnessed functional result

Within the Modicon Quantum context, 140CPU65160S must be reviewed together with its assigned project data, field interfaces and the maintenance acceptance record.

Schneider Electric 140CPU65160S

Safety Processor / Risk and decision register

PRIMARY RISK

A mismatch between the 140CPU65160S label and the installed safety processor record.

CONFIGURATION RISK

Loss of the 140CPU65160S project, mapping, wiring or interface baseline.

SELECTION RISK

Treating another Modicon Quantum item as automatically equivalent to 140CPU65160S.

RELEASE RISK

Returning 140CPU65160S to control before diagnostics and functional response are witnessed.

Decision register

What device identity or role does Schneider Electric 140CPU65160S publish?

For 140CPU65160S, the manufacturer states Unity safety processor. Do not replace it with a nearby suffix value.

How does Schneider Electric define the internal ram of 140CPU65160S?

The exact-model source gives 1024 kB. Use it together with the actual 140CPU65160S nameplate and installation record.

How many local racks are documented for Schneider Electric 140CPU65160S?

Use 1 as the 140CPU65160S local racks reference and resolve any field discrepancy before release.

What integrated ethernet rating is specified for Schneider Electric 140CPU65160S?

Schneider Electric identifies the integrated ethernet as 1 local Ethernet TCP/IP port; keep that exact entry in the 140CPU65160S record.

What clock frequency rating is specified for Schneider Electric 140CPU65160S?

Record 266 MHz for 140CPU65160S and verify the field arrangement against the controlled drawing or project.

Which safety software is associated with Schneider Electric 140CPU65160S?

140CPU65160S is documented with Unity Pro XL Safety; this value belongs to the verified product configuration.

How many remote i/o stations are documented for Schneider Electric 140CPU65160S?

The manufacturer record for 140CPU65160S specifies 31. Preserve it through selection, installation and acceptance.

What integrated serial rating is specified for Schneider Electric 140CPU65160S?

The published 140CPU65160S value is 1 Modbus RS232/485 port. The installed configuration must remain within that boundary.

Decision closeout

Approve the 140CPU65160S decision register only when identity, configuration, diagnostics and observed process behavior tell one consistent story.

Schneider Electric 140CPU65160S

Safety Processor / Canonical record and support

Canonical identity	Schneider Electric 140CPU65160S
Product name	Safety Processor
Family	Modicon Quantum
Selection boundary	Exact identity; no neighboring-model inference
Release boundary	Installed record plus witnessed functional proof

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Schneider Electric TSXPLP01

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Schneider Electric BMXP3420302

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MANUFACTURER EVIDENCE RECORD

Schneider Electric 140CPU65160S Product Data Sheet

Exact Quantum Unity safety processor characteristics

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Send the exact model, quantity, destination and requested condition for a quotation.

