

140CPU67060

266 MHz Unity Hot Standby processor with multimode fiber interface

VERIFIED OVERVIEW

The 140CPU67060 coordinates a paired Quantum Hot Standby application and exchanges synchronization data over its dedicated multimode optical connection. The information below is restricted to the exact model and the available manufacturer evidence.

Core identity

Processor type	Unity Hot Standby processor
Clock frequency	266 MHz
Internal RAM	512 KB
Program expansion	Up to 7168 KB with PCMCIA card
File storage	Up to 8 MB with PCMCIA card
Integrated ports	Modbus, Modbus Plus, USB and multimode Hot Standby fiber

SELECTION RULE

Use the full product marking and the approved project record. A shared Quantum family name or similar terminal pattern is not proof that another module can replace this one.

Documented function markers

- 266 MHz Unity processor
- 512 KB internal RAM
- Dedicated multimode Hot Standby fiber port
- Up to six X80 Ethernet remote-I/O drops

RECORD BOUNDARY

Packaging data, shipping dimensions and seller descriptions are not used as installed-product engineering parameters in this document.

Documented parameters

Exact-model electrical and system values

Processor type	Unity Hot Standby processor
Clock frequency	266 MHz
Internal RAM	512 KB
Program expansion	Up to 7168 KB with PCMCIA card
File storage	Up to 8 MB with PCMCIA card
Integrated ports	Modbus, Modbus Plus, USB and multimode Hot Standby fiber
Fiber connector	MT-RJ
Remote I/O	Up to 6 X80 Ethernet drops

PARAMETER USE

Apply these values as product boundaries, then confirm the installed circuit, fuse, field supply, controller configuration and environmental design in the approved site documentation.

Parameter verification prompts

- Record the complete 140CPU67060 marking.
- Place the Hot Standby process in the approved maintenance state.
- Identify the active and standby controller roles.
- Protect and label the MT-RJ fiber pair.

NO INFERRED VALUES

Where the exact Schneider Electric evidence does not state a value, the value remains installation-specific and must be obtained from the approved project record or the installed nameplate.

Application context

How the exact model fits a documented Quantum system

HOT STANDBY CONTROL

Coordinates a paired Quantum controller architecture.

MULTIMODE SYNCHRONIZATION

Uses the dedicated optical link between primary and standby processors.

DISTRIBUTED I/O

Supports documented Modbus Plus distributed-I/O networks.

ETHERNET REMOTE I/O

Supports up to six X80 Ethernet remote-I/O drops.

Integration controls

- Verify the primary and standby CPU roles before disturbing the pair.
- Use the dedicated MT-RJ multimode link between the two processors.
- Match Modbus, Modbus Plus and Ethernet network records to the approved project.
- Review key-switch position, PCMCIA cards and controller status before replacement.

TRACEABILITY

Retain the full model, rack and slot, terminal or cable identities, software configuration and acceptance results. These records make later troubleshooting and replacement decisions auditable.

Controlled release checks

- Record the Modbus, Modbus Plus and USB connections.
- Verify PCMCIA memory-card identity and orientation.
- Restore the key switch to its approved position.
- Prove synchronization, role transfer and remote-I/O health.

Exact-model FAQ

Questions answered only from the documented product identity

What processor speed is specified?

266 MHz.

How much internal RAM is provided?

512 KB.

Which dedicated Hot Standby connection is fitted?

An MT-RJ multimode fiber connection.

Which integrated communication ports are listed?

Modbus, Modbus Plus, USB and the Hot Standby optical port.

How many X80 Ethernet drops are supported?

Up to six.

Can memory be expanded?

Yes, the official data lists PCMCIA expansion for program and file storage.

What current does the module require from the bus?

2500 mA.

What must be tested after work?

Controller synchronization, role transfer, network health and every approved remote-I/O drop.

Verified references

ApterPower navigation, evidence boundary and direct contact

Verified related ApterPower product pages

Schneider Electric 140ACO02000

Schneider Electric 140ARI03010C

SOURCE BOUNDARY

Product facts in this document were prepared from the available exact-model Schneider Electric evidence. Related product links are navigation references, not compatibility claims.

IDENTITY BOUNDARY

The complete model remains the controlling identity. Similar product names, adjacent catalog rows or a matching connector do not establish interchangeability.

Talk to Apter Power

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SUPPORT REQUEST

When contacting Apter Power, include the full label, rack and slot, cabinet photos, controller diagnostic text and the exact required operating function.