

140XCA71706

Backplane Extension Cable

It is the 2 m Quantum XBE cable for extending the documented Modicon Quantum backplane arrangement.

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	Schneider Electric
FAMILY	Modicon Quantum automation platform
MODEL	140XCA71706
DOCUMENT	140XCA71706 / FA199074

RELATED PRODUCTS ON APTER POWER

01	Schneider Electric 140NOM21200	OPEN
02	Schneider Electric PC-E984-685	OPEN
03	Schneider Electric AD4000189-530	OPEN
04	Schneider Electric MICROLOGIC-6-0-A	OPEN
05	Schneider Electric TSXP574634M	OPEN
06	Schneider Electric ATV320U75N4B	OPEN

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140XCA71706

Exact-model technical record

Complete model	140XCA71706
Manufacturer	Schneider Electric
Product family	Modicon Quantum automation platform
Cable	140XCA71706
Platform	Modicon Quantum
Function	XBE backplane extension
Length	2 m

Application	Second-backplane connection
Lifecycle	Discontinued 9 November 2023
Replacement reference	BMXXBC015K, 1.5 m, subject to migration review
Compatibility boundary	Quantum XBE hardware and project topology
Installation rule	De-energize connected racks before cabling
Acceptance	Verify remote rack communication and I/O health

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System role and applications

Quantum rack extension

Connects the primary rack to the documented extension backplane.

Second-backplane I/O

Carries the XBE link for remote rack modules.

Legacy cable service

Replaces the exact two-metre cable without changing topology.

Migration assessment

Provides the baseline identity before any replacement conversion.

ENGINEERING BOUNDARY

Verify 140XCA71706, 2 m length, Quantum XBE hardware and rack topology. Do not install the shorter successor cable without checking routing and migration requirements.

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Model-specific engineering questions

Q1. Which cable identifies 140XCA71706?

Cable: 140XCA71706. Match the complete catalog identity before work.

Q2. What platform must be matched for 140XCA71706?

Platform: Modicon Quantum. Preserve the installed system assignment and connector mapping.

Q3. How is the function defined on 140XCA71706?

Function: XBE backplane extension. Use the controlled project record during wiring checks.

Q4. Why does the length matter when replacing 140XCA71706?

Length: 2 m. Do not substitute a neighboring family value.

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Acceptance reference and related products

Q5. Which application should commissioning records retain for 140XCA71706?

Application: Second-backplane connection. Record the as-found setting before removal.

Q6. What should technicians verify about the lifecycle of 140XCA71706?

Lifecycle: Discontinued 9 November 2023. Confirm the value again during controlled startup.

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