

140XCA71706

Backplane Extension Cable

INSTALLATION | CONNECTION | COMMISSIONING | ACCEPTANCE

CONTROLLED WORK SEQUENCE

1

VERIFY

2

ISOLATE

3

CONNECT

4

TEST

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

CONTROLLED PREREQUISITES

Exact identity

Verify 140XCA71706 against the nameplate and controlled record.

Approved system

Confirm the documented Modicon Quantum automation platform system position and interfaces.

Evidence

Use 140XCA71706 / FA199074 for the published technical and installation boundary.

RELATED PRODUCTS ON APTER POWER

01	Schneider Electric 140NOE77101	OPEN
02	Schneider Electric 140DDO84300	OPEN
03	Schneider Electric 140DDO35300	OPEN
04	Schneider Electric 140DDI85300	OPEN

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140XCA71706

Exact-model technical record

Complete model	140XCA71706	Application	Second-backplane connection
Manufacturer	Schneider Electric	Lifecycle	Discontinued 9 November 2023
Product family	Modicon Quantum automation platform	Replacement reference	BMXXBC015K, 1.5 m, subject to migration
Cable	140XCA71706	Compatibility boundary	Quantum XBE hardware and project topology
Platform	Modicon Quantum	Installation rule	De-energize connected racks before cabling
Function	XBE backplane extension	Acceptance	Verify remote rack communication and I/O
Length	2 m		

OFFICIAL SOURCE COVERAGE

Source 1	Schneider Electric 140XCA71706 Product Data and FAQ — Catalog or product identification, 140XCA71706 / FA199074
Source 2	Schneider Electric 140XCA71706 Product Data and FAQ — Technical specifications, 140XCA71706 / FA199074
Source 3	Schneider Electric 140XCA71706 Product Data and FAQ — Installation and application guidance, 140XCA71706 / FA199074

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140XCA71706

Installation and connection sequence

STEP 1

Confirm the complete 140XCA71706 marking and installed backplane-extension position before work.

STEP 2

Place the connected process in the approved maintenance state.

STEP 3

Isolate every applicable power and field circuit before disconnection.

STEP 4

Record connector, terminal, address, slot and companion-hardware identities.

STEP 5

Use grounded ESD controls and protect keyed interfaces from damage.

STEP 6

Preserve documented polarity, shielding, grounding and cable routing.

RELATED PRODUCTS ON APTER POWER

01	Schneider Electric 140NOE77101	OPEN
02	Schneider Electric 140DDO84300	OPEN
03	Schneider Electric 140DDO35300	OPEN
04	Schneider Electric 140DDI85300	OPEN

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Commissioning and acceptance

CHECK 1

Restore power in the approved sequence and review diagnostics.

CHECK 2

Prove the intended input, output or communications response and retain the acceptance record.

CHECK 3

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

CHECK 4

Retain the final 140XCA71706 identity, wiring, diagnostic and acceptance record.

RELATED PRODUCTS ON APTER POWER

01	Schneider Electric 140DDI84100	OPEN
02	Schneider Electric 140DDI35300	OPEN
03	Schneider Electric 140DAO84000	OPEN
04	Schneider Electric 140DAI75300	OPEN
05	Schneider Electric 140DAI74000	OPEN
06	Schneider Electric 140CRP93100	OPEN

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Acceptance reference and related products

Identity	Complete model 140XCA71706 verified
Installed system	Modicon Quantum automation platform
Connections	Power, polarity, shielding, address or slot record completed
Controlled test	Diagnostics and intended process response accepted

RELATED PRODUCTS ON APTER POWER

01	Schneider Electric 140CPU67160	OPEN
02	Schneider Electric 140CPU43412U	OPEN
03	Schneider Electric 140CPS22400	OPEN
04	Schneider Electric 140CPS11100	OPEN
05	Schneider Electric 140ARI03010	OPEN
06	Schneider Electric 140ACO13000	OPEN
07	Schneider Electric 140AMM09000	OPEN
08	Schneider Electric MA-0185-100	OPEN

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