

Schneider Series Service Manual

140XCA71709

1. Description

The Schneider Electric 140XCA71709 is a backplane expander cable designed for the Modicon Quantum series. With a cable length of 3 meters, it provides dependable connectivity between components within your system.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Backplane expander cable
Product	Line Modicon Quantum
Part	Number 140XCA71709
UPC	785901173458
Weight	2.00 lbs (0.91 kg)
Cable	Length 9.84 feet (3 meters)
Operating	Temperature Range -20°C to 60°C
Storage	Temperature Range -40°C to 85°C
Altitude	Range Up to 2000 meters
IP	Rating IP20
Input	Voltage 24V DC
Communication	Interface Modbus TCP/IP
Compatibility	140XBE10000 backplane expander

3. Product Information

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Technical specifications for 140XCA71709

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Product Line Modicon Quantum

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Input Voltage 24V DC

Communication Interface Modbus TCP/IP

Compatibility 140XBE10000 backplane expander

Range of Product

Modicon Quantum automation platform

Accessory / separate part designation

Backplane expander cable

Accessory / Separate Part Type

Cable

Accessory / separate part category

Connection accessories

Accessory / separate part destination

Backplane expander

Complementary

Product Compatibility

140XBE10000

Cable length

9.8 ft (3 m)

Ordering and shipping details

Category

US1PC2118155

Discount Schedule

PC21

GTIN

3595860026019

Description

The 140XCA71709 backplane expander cable from Schneider Electric is specifically engineered for the Modicon Quantum series. This cable measures 9.84 feet (3 meters) in length, facilitating adequate spacing for component arrangement in different setups. Designed for a wide operational temperature range from -20°C to 60°C, it ensures reliable performance under standard conditions. When stored, it can endure temperatures between -40°C and 85°C, enhancing its versatility for various environments.

Its operational capacity includes an altitude maximum of 2000 meters, suitable for high installations. The cable's IP20 rating indicates a moderate level of protection against dust and moisture. The 140XCA71709 requires a 24V DC input voltage for operation. Connectivity is established via the Modbus TCP/IP communication protocol, aiding integration within larger systems.

This backplane expander cable is specifically compatible with the 140XBE10000 backplane expander, ensuring seamless communication between the system components. Weighing in at 0.53 kg, it provides a lightweight yet robust solution for wiring needs within industrial setups.