

Schneider Series Service Manual

110XCA17102

1. Description

The 110XCA17102 from Schneider Electric is a specialized cable designed for the Modicon Quantum series, primarily intended as a spare part. This cable supports I/O expansion links and facilitates connections with I/O modules, ensuring efficient data handling and system integration. Its length extends to 3 meters, enabling flexible installation options.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number 110XCA17102
Weight	0.25 lbs (0.11 kg)
Component	Type Cable
Spare	Part/Accessory Yes
I/O	Expansion Link Supported
I/O	Module Cable Yes
Length	3 meters
Operating	Temperature 0 to 40 degrees Celsius
Storage	Temperature 0 to 50 degrees Celsius
Maximum	Operating Humidity 80% RH without condensation
Maximum	Storage Humidity 80% RH without condensation
Environment	Clean indoor environment with no corrosive chemicals
Operating	Altitude Up to 1000 meters above sea level
Description	
Designed	for utility within the Modicon Quantum range, the Schneider Electric part number 110XCA17102 is a cable that serves multiple roles in various applications. Functional as a spare accessory, it excels in providing connections for I/O expansion links and I/O modules. With a 3-meter length, the cable affords adequate reach for diverse setups.

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Technical specifications for 110XCA17102

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Operating capabilities ensure this cable performs well within a temperature range of 0 to 40 degrees Celsius. When considering storage, it remains operational in environments peaking at 50 degrees Celsius, making it adaptable to varying conditions. Humidity levels can reach 80% RH during both operation and storage without the risk of condensation, which is crucial for maintaining cable integrity.

This cable is engineered for clean indoor environments, emphasized by its requirement for non-corrosive chemicals, making it suitable for structured settings. Additionally, it can be utilized at altitudes up to 1000 meters above sea level, underscoring its versatility in different installation contexts.