

Schneider Series Service Manual

170MCI02110

1. Description

The 170MCI02110 communication cable from Schneider Electric's Modicon Momentum series serves crucial connection purposes. This round shielded cable operates within a voltage rating of 30 V and can handle currents up to 1A, making it suitable for various applications.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Communication Cable
Product	Line Modicon Momentum
Part	Number 170MCI02110
Connector	A 20-pin male
Cable	Length 2 meters (typical)
Connector	B 20-pin female
Voltage	Rating 30 V
Operating	Temperature -10°C to +60°C
RoHS	Compliant Yes
Interface	Type Proprietary MODBUS/Momentum I/O
Current	Rating 1A
Cable	Type Round shielded
Wire	Gauge 26 AWG
Conductor	Material Copper
Use	Case Momentum I/O base to base connection
Shielding	Yes (Foil + Drain)
Jacket	Material PVC
Description	
The	Schneider Electric 170MCI02110 is an essential communication cable that is part of the Modicon Momentum series. Engineered to facilitate effective connections, this cable is equipped with a 20-pin male connector on one end and a matching 20-pin female connector on the other, suitable for linking Momentum I/O bases. The cable typically measures 2 meters in length, providing ample reach for various setups in industrial applications. This product operates under a voltage rating of 30 V and can handle currents up to 1A.

3. Product Information

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Technical specifications for 170MCI02110

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The 170MCI02110 cable encompasses a protection rating enabling it to operate effectively within temperature ranges from -10°C to +60°C, which supports diverse environmental conditions. Constructed from copper and rated for a current carrying capacity of 1A, it maintains stable performance. The round shielded design features both foil and drain shielding, which helps to minimize electromagnetic interference and contributes to signal integrity.

To meet regulatory standards, this cable is RoHS compliant, making it suitable for environmentally-conscious applications. Additionally, the cable is cased in a robust PVC jacket that ensures durability and flexibility during installation or handling. With its proprietary MODBUS/Momentum I/O interface type, this communication cable is a reliable choice for establishing high-performance connections between Momentum I/O equipment.

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