Schneider Electric 170MCI02120

Network Cable / Exact identity and technical profile

The technical decision for 170MCI02120 is controlled by its exact manufacturer identity, published characteristics and documented Modbus Plus boundary.

Cable function	Modbus Plus connecting cable
Cable length	3 m
Network type	Modbus Plus
Connector	1 male RJ45
Compatible junction	170XTS02000
Destination	IP20 T-junction

TECHNICAL MARKER

Confirm the exact 3 m cable identity.

TECHNICAL MARKER

Use it with the documented 170XTS02000 junction.

TECHNICAL MARKER

Protect the RJ45 connector and cable bend path.

TECHNICAL MARKER

Preserve the Modbus Plus segment and termination record.

Technical boundary

The exact model and its published data govern this reference. Similar family names, suffixes or physical appearance do not establish the same electrical or software behavior.

Identity evidence	Read 170MCI02120 from the installed label and procurement record
Function evidence	Confirm the published network cable role in the Modbus Plus system
Configuration evidence	Retain the project, mapping, range, address or interface assigned to this position
Release evidence	Link final diagnostics to a witnessed field or operator response

TECHNICAL DECISION

Accept 170MCI02120 only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented 170MCI02120 position requires separate engineering approval.

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Network Cable / Published characteristics

This matrix groups the published 170MCI02120 characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact network cable record.

Cable function	Modbus Plus connecting cable
Cable length	3 m
Network type	Modbus Plus
Connector	1 male RJ45
Compatible junction	170XTS02000
Destination	IP20 T-junction
Compatible ranges	Momentum, Quantum, Premium, Advantys STB and Magelis XBT
Accessory class	Connection accessory
Installation basis	Documented Modbus Plus topology
Termination basis	Separate network terminator where required

INTERPRETATION

Use every 170MCI02120 value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make 170MCI02120 data actionable.

Nameplate check	Manufacturer and full reference agree with the controlled record
Range check	Published operating or signal data agree with the configured use
Interface check	Backplane, terminal, cable, network or memory arrangement is documented
Limit check	Loading, channel count, supply or lifecycle constraint is reviewed
Evidence close	Source title and applicable product record are retained with the decision

NO BORROWED VALUES

Another Schneider Electric suffix cannot fill a missing 170MCI02120 parameter.

ENGINEERING OUTPUT

Record the exact value used, its purpose and any unresolved item before selection.

Schneider Electric 170MCI02120

Network Cable / System role and data flow

IP20 T-junction drop

Connects a supported device to 170XTS02000.

Three-metre network link

Maintains the documented cable length in the segment.

Modbus Plus maintenance

Replaces an exact damaged connection cable.

Legacy network restoration

Preserves topology across supported Modicon ranges.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	170MCI02120 performs its published network cable role
Control layer	PLC project, address map or runtime application interprets the exchanged data
Acceptance layer	Diagnostics and intended process response are witnessed together

Engineering boundary

Application examples describe system roles only. They do not establish automatic interchangeability, replacement approval or suffix equivalence.

Observed input	Field, network or operator condition presented to 170MCI02120
Published action	The documented network cable function processes that condition
Configured interpretation	PLC logic, HMI project or station mapping assigns system meaning
Expected output	A defined state, value, message or command is produced
Acceptance proof	The complete path is witnessed under controlled conditions

APPLICATION RECORD

Tie each 170MCI02120 use case to the installed drawing or project tag.

EXCEPTION CONTROL

Document and resolve any behavior that differs from the approved response.

Schneider Electric 170MCI02120

Network Cable / Engineering decisions

SUPPORTED IDENTITY

170MCI02120

PUBLISHED FUNCTION

Network Cable

SYSTEM CONTEXT

Modbus Plus

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

What manufacturer value is recorded for 170MCI02120 cable function?

The published 170MCI02120 value is Modbus Plus connecting cable. The installed configuration must remain within that boundary.

Which network type must be retained for Schneider Electric 170MCI02120?

Record Modbus Plus for 170MCI02120 and verify the field arrangement against the controlled drawing or project.

Which compatible junction is associated with Schneider Electric 170MCI02120?

170MCI02120 is documented with 170XTS02000; this value belongs to the verified product configuration.

Which compatible ranges applies to Schneider Electric 170MCI02120?

The manufacturer record for 170MCI02120 specifies Momentum, Quantum, Premium, Advantys STB and Magelis XBT. Preserve it through selection, installation and acceptance.

When reviewing 170MCI02120, what is the published cable length?

For 170MCI02120, the manufacturer states 3 m. Do not replace it with a nearby suffix value.

Which connector configuration belongs to Schneider Electric 170MCI02120?

The exact-model source gives 1 male RJ45. Use it together with the actual 170MCI02120 nameplate and installation record.

When reviewing 170MCI02120, what is the published destination?

Use IP20 T-junction as the 170MCI02120 destination reference and resolve any field discrepancy before release.

How does Schneider Electric define the accessory class of 170MCI02120?

Schneider Electric identifies the accessory class as Connection accessory; keep that exact entry in the 170MCI02120 record.

Decision closeout

Close the 170MCI02120 technical review with the exact identifier, applicable published limits and the installed configuration assumptions explicitly recorded.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The 170MCI02120 decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

Schneider Electric 170MCI02120

Network Cable / Evidence and support

Exact product	Schneider Electric 170MCI02120
Technical class	Network Cable
Platform	Modbus Plus
Evidence use	Exact-model characteristics and engineering boundary
Record with	Installed drawing, project and acceptance evidence

Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Schneider Electric 140DDO35301	View Schneider Electric 140DDO35301 page
Schneider Electric 140DDI35310	View Schneider Electric 140DDI35310 page

MANUFACTURER EVIDENCE RECORD

Schneider Electric 170MCI02120 Product Data Sheet

Exact Modbus Plus cable and junction compatibility

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Send the exact model, quantity, destination and requested condition for a quotation.