

Schneider Series Service Manual

490NAA27101

1. Description

The Schneider Electric 490NAA27101 is a trunk cable designed to facilitate Modbus Plus connections. This cable is suitable for a variety of applications, including material handling, packaging, and textiles, and measures 1 meter in length.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number 490NAA27101
EAN	3595861127593
Type	Trunk Cable
Modbus	Plus Connections Supported
Compatible	Junction Boxes Modbus Plus Junction Boxes
Cable	Length 1 Meter
Material	Handling Applications Supported
Packaging	Applications Supported
Textile	Applications Supported
Operating	Temperature 0 to 40 degrees Celsius
Storage	Temperature 0 to 50 degrees Celsius
Maximum	Relative Humidity for Operation 80% (non-condensing)
Maximum	Relative Humidity for Storage 80% (non-condensing)
Maximum	Operating Altitude 1000 meters above sea level
Maximum	Storage Altitude 1000 meters above sea level
Operating	Environment Clean indoor environment with no corrosive substances

3. Product Information

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Technical specifications for 490NAA27101

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Product Line Modicon Quantum

Part Number 490NAA27101

EAN 3595861127593

Type Trunk Cable

Modbus Plus Connections Supported

Compatible Junction Boxes Modbus Plus Junction Boxes

Cable Length 1 Meter

Material Handling Applications Supported

Packaging Applications Supported

Textile Applications Supported

Operating Temperature 0 to 40 degrees Celsius

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Maximum Relative Humidity for Operation 80% (non-condensing)

Maximum Relative Humidity for Storage 80% (non-condensing)

Maximum Operating Altitude 1000 meters above sea level

Maximum Storage Altitude 1000 meters above sea level

Operating Environment Clean indoor environment with no corrosive substances

Description

The trunk cable 490NAA27101 from Schneider Electric is an integral component for establishing Modbus Plus connections. This item is specifically tailored for compatibility with various Modbus Plus junction boxes, making integration simple and efficient. Measuring 1 meter in length, it is designed to accommodate applications in different sectors, including material handling, packaging, and textile industries.

This trunk cable is capable of operating effectively within a temperature scope of 0 to 40 degrees Celsius, ensuring reliability in standard environmental conditions. It can be stored at a range from 0 to 50 degrees Celsius, providing flexibility for storage options. The cable also maintains performance within environments exhibiting a maximum relative humidity of 80% during operation and storage, with a non-condensing specification.

Altitude considerations are also factored, as the cable can function adequately at heights reaching up to 1000 meters above sea level for both operation and storage. Its design specifically cater towards clean indoor environments, free from corrosive substances, thus ensuring longevity and sustained performance in various applications.