

Schneider Series Service Manual

52-0402-000

1. Description

The Schneider Electric 52-0402-000 serves as a tap terminator in the Modicon Quantum series. This component operates within a voltage range of 24V DC while drawing a current of 40 mA. It accommodates digital communication through RS-485/Modbus protocols.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Tap Terminator
Product	Line Modicon Quantum
Part	Number 52-0402-000
EAN	3595863530117
Input	Voltage Range 24V DC
Current	Consumption 40 mA
Relative	Humidity 5% to 95% (non-condensing)
Mounting	DIN rail or panel mounting
Environmental	Temperature Range (Operating) -20°C to 70°C
Environmental	Temperature Range (Storage) -40°C to 85°C
Cable	Length Supported 0 to 100 meters
Signal	Type Digital, RS-485/Modbus communication
Connector	Type Screw terminal or plug-in terminal blocks for wiring
Compliance	CE, UL, and RoHS compliance
Protection	Features Surge protection
Status	Indicators LED indicators for status monitoring

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Technical specifications for 52-0402-000

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Status Indicators LED indicators for status monitoring

Description

The 52-0402-000 from Schneider Electric functions as a tap terminator, vital for applications utilizing the Modicon Quantum series. This device operates effectively at an input voltage of 24V DC and has a current consumption rating of 40 mA. Designed with a robust operational range, it can withstand environmental temperatures from -20°C to 70°C during use, while the storage temperature can endure a broader range of -40°C to 85°C.

With capabilities to handle cable lengths between 0 to 100 meters, it offers versatility in installations. The device communicates using a digital signal, specifically through RS-485/Modbus, ensuring reliable data transmission. For wiring, it utilizes screw terminal or plug-in terminal blocks, facilitating flexible connections.

Maintaining compliance with CE, UL, and RoHS standards, this tap terminator adheres to high safety and environmental regulations. Surge protection features enhance its resilience against voltage spikes, and LED indicators provide visual feedback for monitoring its status. Weighing only 0.2 ounces (5.0 g), its compact dimensions (0.47 in height, 1.97 in width, and 3.54 in length) add to its utility, making it easy to integrate within various setups.

Range of Product

Modicon Quantum automation platform

Accessory / separate part designation

Tap terminator

Accessory / Separate Part Type

Tap terminator

Accessory / separate part category

Connection accessories

Accessory / separate part destination

Unused drop location

Quantity per Set

Set of 1

Ordering and shipping details

Category

US1PC4118225

Discount Schedule

PC41

GTIN

3595863530117

Returnability

No

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

0.5 in (1.2 cm)

Package 1 Width

2.0 in (5.0 cm)

Package 1 Length

3.5 in (9.0 cm)

Package weight(Lbs)

0.2 oz (5.0 g)