

Schneider Series Service Manual

ABFM08S202

1. Description

The ABFM08S202, manufactured by Schneider Electric, is a cabled connector suitable for Modicon Quantum applications. This connector supports eight channels and is designed for analog current input signals, providing a reliable electrical connection.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Cabled connector
Product	Line Modicon Quantum
Part	Number ABFM08S202
EAN	3389110341027
Number	of Channels 8
Cable	Length 6.6 ft (2 m)
Signal	Type Analog current input signals
Electrical	Connection 1 connector
AWG	Gauge AWG 24
Connector	Type SUB-D
Wire	Section 0.22 mm²
Number	of Ways 25 ways
Operating	Temperature Range -20 °C to +60 °C
Insulation	Material PVC
Cable	Construction Multi-conductor, shielded cable
Current	Rating 1A
Voltage	Rating 250 V

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Technical specifications for ABFM08S202

Manufacturer Schneider Electric

Product Type Cabled connector

Product Line Modicon Quantum

Part Number ABFM08S202

EAN 3389110341027

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Electrical Connection 1 connector

AWG Gauge AWG 24

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Number of Ways 25 ways

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Insulation Material PVC

Cable Construction Multi-conductor, shielded cable

Current Rating 1A

Voltage Rating 250 V

Description

The Schneider Electric ABFM08S202 serves as a specialized cabled connector designed to meet the needs of Modicon Quantum series applications. This component features eight channels, specifically tailored for analog current input signals. It is constructed with a multi-conductor, shielded cable, extending to a length of 6.6 feet (2 meters), which facilitates adequate reach in complex setups.

The electrical connection is realized through a single SUB-D connector, containing 25 ways for versatile connection options. The wiring adheres to an AWG gauge of 24, with individual wire sections measuring 0.22 mm², allowing for efficient signal transmission while ensuring durability. In terms of performance, the device is rated for a current capacity of 1 amp and can handle voltages up to 250 volts, reinforcing its reliability in varied operational settings.

Constructed from PVC insulation material, the ABFM08S202 is engineered to endure environments with temperatures ranging from -20 °C up to +60 °C. This resilience to temperature shifts makes it suitable for both controlled and challenging industrial applications. Weighing at 0.45 kilograms, this connector is practical for integration into existing solutions, combining both functionality and ease of installation.

Range of Product

Modicon Quantum

Accessory / separate part designation

Cabled connector

Accessory / Separate Part Type

Connector

Accessory / separate part category

Connection accessories

Accessory / separate part destination

Modicon Quantum PLC

Number of Channels

8

Complementary

Product Compatibility

140AC013000

Cable length

6.6 ft (2 m)

Electrical Connection

1 connector

Connector Type

SUB-D

Number of ways

25 ways

Wire section

0.0003 in² (0.22 mm²)

AWG Gauge

AWG 24

Net Weight

0.99 lb(US) (0.45 kg)

Ordering and shipping details

Category

US10CP222375

Discount Schedule

0CP2

GTIN

3389110341027

Returnability

No

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

15.0 in (38.0 cm)

Package 1 Width

10.6 in (27.0 cm)

Package 1 Length

3.9 in (10.0 cm)

Package weight(Lbs)

15.9 oz (450.0 g)