

Schneider Series Service Manual

ABFM08S201

1. Description

The ABFM08S201 is a cabled connector offered by Schneider Electric within the Modicon Quantum range. This connector is designed to interface with analogue input channels and includes 8 channels for effective data transmission.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Cabled connector
Product	Line Modicon Quantum
Part	Number ABFM08S201
EAN	3389110945607
Number	of Channels 8
Cable	Length 2 m
Signal	Type Analogue input
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, ribbon
Current	Rating 1A
Voltage	Rating 250 V
Description	
The	ABFM08S201 cabled connector by Schneider Electric forms part of the Modicon Quantum series. It is constructed for analogue input applications and supports up to 8 channels for data acquisition or control. The cable measures 2 meters in length, allowing flexible installation options. It is designed with a 25-way SUB-D connector, assuring reliable connectivity.

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Technical specifications for ABFM08S201

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Electrical specifications include an AWG gauge of 24, indicating the wire's thickness, with an individual wire section of 0.22 mm². The connector is rated for a maximum current of 1 Amp and can handle voltages up to 250 Volts.

The operating temperature range for this device spans from -20 °C to +60 °C, enabling its use in various environmental conditions. Insulated with PVC, the ABFM08S201 is built to withstand typical stresses encountered in industrial settings. The multi-conductor ribbon cable construction provides robustness and flexibility while maintaining performance integrity.

Weighing approximately 0.6 kg, this cabled connector is practical for numerous electrical connections.

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

140AVI03000

140ACI03000

Cable length

6.6 ft (2 m)

Type of signal

Analogue input

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

1.3 lb(US) (0.6 kg)

Packing Units

Unit Type of Package 1

PCE

Number of Units in Package 1

1

Package 1 Height

2.2 in (5.5 cm)

Package 1 Width

8.3 in (21.0 cm)

Package 1 Length

8.7 in (22.0 cm)

Package 1 Weight

16.8 oz (477.0 g)

Unit Type of Package 2

S02

Number of Units in Package 2

4

Package 2 Height

5.9 in (15.0 cm)

Package 2 Width

11.8 in (30.0 cm)

Package 2 Length

15.7 in (40.0 cm)

Package 2 Weight

5.146 lb(US) (2.334 kg)