

Schneider Series Service Manual

ABFM16S201

1. Description

The ABFM16S201 from the Modicon Quantum series by Schneider Electric is a specialized cabled connector designed for reliable analogue input transmission. This unit operates effectively across various temperatures and features two connectors, ensuring robust electrical connectivity.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Cabled Connector
Product	Line Modicon Quantum
Part	Number ABFM16S201
EAN	3389110956580
Number	of Channels 16
Cable	Length 6.6 ft (2 m)
Signal	Type Analogue Input
Electrical	Connection 2 Connectors
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

3. Product Information

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Technical specifications for ABFM16S201

Manufacturer Schneider Electric

Product Type Cabled Connector

Product Line Modicon Quantum

Part Number ABFM16S201

EAN 3389110956580

Number of Channels 16

Cable Length 6.6 ft (2 m)

Signal Type Analogue Input

Electrical Connection 2 Connectors

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

Description

The Schneider Electric ABFM16S201 is a cabled connector from the Modicon Quantum series, designed specifically for analogue input applications. With an impressive 16 channels, this connector ensures efficient signal transfer in various industrial settings. It offers a generous cable length of 6.6 feet (2 meters), providing adequate flexibility for installation. The device employs a dual connector system for reliable electrical connections. Its wiring adheres to AWG 24 specifications, allowing it to handle current ratings of up to 1 ampere and operates effectively at voltage levels up to 250 volts. The SUB-D connector type features 25 ways, ensuring compatibility with various devices. Constructed from multi-conductor shielded cable, the ABFM16S201 is designed to minimize interference, making it ideal for sensitive analogue signals. It is insulated with PVC, which enhances durability and provides protection from environmental factors. The operational temperature range of this connector spans from -20 °C to +60 °C, allowing for a wide range of working conditions. Weighing in at 0.62 kg, this connector is robust yet manageable, making installation straightforward and hassle-free.

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

16

Complementary

Product Compatibility

140ACI04000

Cable length

6.6 ft (2 m)

Type of signal

Analogue input

Electrical Connection

2 connectors

Connector Type

SUB-D

Number of ways

25 ways

Wire section

0.0003 in² (0.22 mm²)

AWG Gauge

AWG 24

Net Weight

1.37 lb(US) (0.62 kg)

Ordering and shipping details

Category

US10CP222375

Discount Schedule

OCP2

GTIN

3389110956580

Returnability

No