

Schneider Series Service Manual

ABFS16H200

1. Description

The ABFS16H200 from Schneider Electric is a connecting cable designed for the Modicon Quantum series. This 2-meter cable features 16 conductors and is suitable for Analog I/O signals, with a current rating of 2 A and a voltage rating of 250 V.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Connecting Cable
Product	Line Modicon Quantum
Part	Number ABFS16H200
Connector	Type HE-16
Cable	Length 2 meters
Signal	Type Analog I/O
Number	of Conductors 16 conductors
AWG	Gauge AWG 22
Humidity	Tolerance 95% relative humidity, non-condensing
Connector	Pitch 5 mm
Compliance	RoHS compliant
Operating	Temperature Range -20 °C to +60 °C
Insulation	Material PVC
Cable	Construction Multi-conductor shielded cable
Mounting	Plug-and-play
Current	Rating 2A
Voltage	Rating 250 V

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Technical specifications for ABFS16H200

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Product Line Modicon Quantum

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Cable Construction Multi-conductor shielded cable

Mounting Plug-and-play

Current Rating 2A

Voltage Rating 250 V

Description

The Schneider Electric ABFS16H200 is a 2-meter connecting cable built for reliable performance within the Modicon Quantum series. It utilizes HE-16 connector types and supports analog I/O signal transmission, with the ability to accommodate up to 16 conductors, ensuring efficient data exchange in various applications.

Constructed from multi-conductor shielded cable, this unit is designed to operate effectively within temperatures ranging from -20 °C to +60 °C, making it adaptable to various environments. The cable has a current rating of 2 A and a voltage rating of 250 V, giving it the capacity to manage a range of electrical demands.

With insulation made of PVC, it maintains strong durability and resilience, while also offering humidity tolerance of up to 95% relative humidity without condensation. Additionally, the connector pitch measures at 5 mm.

The AWG gauge is 22, which is standard for many industrial applications, ensuring compatibility with relevant components. As a RoHS-compliant product, the ABFS16H200 adheres to environmental standards, contributing to safer installations. The plug-and-play mounting option facilitates straightforward connections and setup.