

Schneider Series Service Manual

ABFS08H202

1. Description

The ABFS08H202 from Schneider Electric is a cable module tailored for analog I/O applications within the Modicon Quantum series. This module features a length of 2 meters and utilizes an HE-08 connector for flexibility in connectivity.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Cable Module
Product	Line Modicon Quantum
Part	Number ABFS08H202
Connector	Type HE-08
Cable	Length 2 meters
Signal	Type Analog I/O
Number	of Conductors 8 conductors
AWG	Gauge AWG 22
Humidity	Tolerance 95% relative humidity, non-condensing
Connector	Pitch 2.54 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
Description	
The	ABFS08H202 cable module, part of Schneider Electric's Modicon Quantum series, specializes in facilitating analog I/O communication. With a total length of 2 meters, it provides ample reach for various setups. Featuring 8 conductors crafted from AWG 22 gauge materials, this module ensures dependable signal transmission.

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Technical specifications for ABFS08H202

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The signal connections use an HE-08 connector, which allows for straightforward plug-and-play mounting, enhancing ease of installation. This cable can operate under a voltage rating of 250 V and supports a maximum current rating of 2A.

Designed to work effectively within a temperature range of -20 °C to +60 °C, the module is suitable for a variety of environmental conditions. The PVC insulation encapsulates the multi-conductor shielded cable, promoting durability and effective resistance to external noise interference.

Furthermore, it is engineered to tolerate high humidity levels, up to 95% relative humidity without condensation, making it suitable for challenging environments. Compliance with RoHS regulations attests to its environmentally friendly design, making it a reliable choice for industrial applications.