

Schneider Series Service Manual

ASMBII004

1. Description

The Schneider Electric ASMBII004 drop cable, with a length of 42 meters, is designed for industrial automation platforms. It utilizes RS-485 / Modbus Plus interfaces and features a pre-terminated connector for ease of installation.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Drop Cable
Product	Line Modicon Quantum
Part	Number ASMBII004
Cable	Length 42 m
Cable	Type Preassembled Drop
Interface	RS-485 / Modbus Plus
Application	I/O or network connection
Environment	Industrial
Use	Case Automation platform wiring
Connector	Type Pre-terminated
Jacket	Type Shielded PVC
Conductor	Count 4 cores
Wire	Gauge 22 AWG
Bend	Radius ≥10× cable diameter
Temperature	Range -20 °C to +70 °C
Flame	Rating UL VW-1
Jacket	Color Gray

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Technical specifications for ASMBII004

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Bend Radius ≥10× cable diameter

Temperature Range -20 °C to +70 °C

Flame Rating UL VW-1

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Description

The ASMBII004 from Schneider Electric's Modicon Quantum series is a 42-meter drop cable crafted specifically for automation wiring. Designed for reliable connections, it features a preassembled structure that allows for straightforward deployment within various industrial applications. Utilizing an RS-485 / Modbus Plus interface, this cable enables seamless communication for I/O or network connectivity.

Constructed with four cores and a 22 AWG wire gauge, the cable ensures efficient signal transmission. It is encased in a shielded PVC jacket that is colored gray, providing additional protection against environmental factors. Operationally, this drop cable is rated for a temperature range of -20 °C to +70 °C, extending its usability in different working conditions. Installation is simplified due to its pre-terminated connector, which minimizes the setup time and ensures reliable performance. With a bend radius requirement of at least ten times the diameter of the cable, the ASMBII004 is engineered to withstand multiple installations and movements without compromising its integrity. Its flame rating of UL VW-1 adds an additional layer of safety, making it suitable for use in demanding environments.

Range of Product

Modicon Quantum automation platform

Accessory / separate part designation

Preamsembled drop cable

Accessory / Separate Part Type

Connecting cable

Accessory / separate part category

Connection accessories

Complementary

Kit composition

Quad shield RG-6 cable

Self-terminating F adaptor

F connectors

Cable length

137.8 ft (42 m)

Ordering and shipping details

Category

18155-QUANTUM I/O & POWER SUPPLIES

Discount Schedule

PC21

GTIN

3595862246132

Returnability

No

Country of origin

US