

Schneider Series Service Manual

AS-B875-001

1. Description

The AS-B875-001 is an analog compact input module in Schneider Electric's Modicon Quantum series. Capable of handling a current range of 4 to 20 mA, this module features eight inputs and a voltage range of 1 to 5V.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number AS-B875-001
Weight	4.00 lbs (1.81 kg)
Product	Compact Input Module
Analog	Module Yes
Current	Range 4 to 20 mA
Number	of Inputs 8 Inputs
Voltage	Range 1 to 5 V
Operating	Temperature 0 to 40 degrees Celsius
Maximum	Operating Humidity 80% RH without condensation
Storage	Temperature 0 to 50 degrees Celsius
Maximum	Storage Humidity 80% RH without condensation
Maximum	Operating Altitude 1000 m above sea level
Maximum	Storage Altitude 1000 m above sea level
Environment	Clean indoor environment with no corrosive chemicals

3. Product Information

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Technical specifications for AS-B875-001

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Product Line Modicon Quantum

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Environment Clean indoor environment with no corrosive chemicals

Description

The AS-B875-001 compact input module, part of Schneider Electric’s Modicon Quantum series, facilities various data acquisition tasks within automation systems. This analog module is equipped to accept up to eight inputs, covering a current range of 4 to 20 mA alongside a voltage range from 1 to 5 volts.

This module functions optimally in standard indoor environments, handling operating temperatures between 0 and 40 degrees Celsius. The design accommodates a maximum relative humidity of 80%, provided there is no condensation present. When it comes to storage, the AS-B875-001 can endure temperatures from 0 to 50 degrees Celsius with the same humidity conditions.

Furthermore, this module remains effective at altitudes reaching 1000 meters above sea level, aligning with industrial-grade designs that require reliability across various operational conditions. The unit is specially crafted for clean indoor settings free from corrosive substances, ensuring its longevity and consistent performance in controlled environments.