

Schneider Series Service Manual

AS-B551-001

1. Description

The AS-B551-001 from Schneider Electric is a discrete input module designed for Modicon series applications, with a specific input voltage rating of 115 VAC. This module features four discrete inputs and is identified by a distinct pink color code, facilitating easy identification.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number AS-B551-001
Weight	1.13 lbs (0.51 kg)
Module	Type Discrete Input Module
Input	Voltage 115 VAC
Number	of Inputs 4
Input	Type Discrete
Input	Commons Separate Commons
Color	Code Pink
Min.	Operating Temp. -20°C
Max.	Operating Temp. 55°C
Min.	Storage Temp. -40°C
Max.	Storage Temp. 75°C

3. Product Information

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Technical specifications for AS-B551-001

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Product Line Modicon

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Min. Operating Temp. -20°C

Max. Operating Temp. 55°C

Min. Storage Temp. -40°C

Max. Storage Temp. 75°C

Description

Schneider Electric's AS-B551-001 module serves a critical role as a discrete input module within the Modicon series. This component is designed to receive signals at an input voltage of 115 VAC. With a configuration allowing for four inputs, it offers discrete functionality, making it suitable for various control and monitoring applications.

The configuration utilizes separate commons, which enhances flexibility in signal processing. A distinctive pink color code assists in easy recognition during installation and maintenance. Built for resilience, the AS-B551-001 module accommodates a minimum operating temperature of -20°C, ensuring reliable performance in colder environments. Conversely, it can withstand a maximum operating temperature of 55°C, making it applicable in a variety of industrial settings.

For storage, this module performs optimally even in extreme conditions, with an allowable temperature range from -40°C to 75°C. Weighing 0.51 kg (1.12 lbs), it is lightweight, promoting ease of handling during setup. The AS-B551-001 module exemplifies reliability and functionality, making it a dependable choice for discrete input management in automation systems.