

Schneider Series Service Manual

AS-B873-011

1. Description

The AS-B873-011 is an input module from Schneider Electric's Modicon series, featuring four analog input points. This module operates effectively with a voltage rating of 10 V, accommodating current levels from a minimum of 4 mA to a maximum of 20 mA.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number AS-B873-011
Weight	2.94 lbs (1.33 kg)
Product	Input Module
Number	of Points 4
Input	Type Analog
Voltage	Rating 10 V
Minimum	Current Rating 4 MA
Maximum	Current Rating 20 MA
Maximum	Ambient Temperature 60 degrees Celsius
Minimum	Ambient Temperature 0 degrees Celsius
Operating	Humidity 80% RH (non-condensing)
Storage	Humidity 80% RH (non-condensing)
Maximum	Operating Altitude Without Derating 1000 meters above sea level
Protection	Class IP20
Description	
Schneider	Electric's AS-B873-011 module is a specialized input module within the Modicon series, tailored for effective handling of analog input signals. This module facilitates four input points, making it versatile for various applications. Rated for a voltage of 10 V, this module supports a current range from 4 mA up to 20 mA. Its operational temperature ranges from 0 degrees Celsius to a maximum of 60 degrees Celsius, enabling reliable performance in varying environments

3. Product Information

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Technical specifications for AS-B873-011

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The AS-B873-011 also maintains an operating humidity level of up to 80% RH without condensation, making it suitable for many industrial conditions. Furthermore, this unit is built to withstand operating altitudes reaching 1000 meters above sea level without any loss of performance. With an IP20 protection class, this input module offers a reasonable defense against dust ingress, ideal for enclosed environments. The design ensures simplicity in integration with existing Modicon systems while providing precise control over analog inputs.