

Schneider Series Service Manual

AS-B872-002

1. Description

The AS-B872-002 output module from Schneider Electric is tailored for analog output applications. This module has four output points and operates within a current range of 4 to 20 mA. Compatibility with the Modicon 984 Series Controller platform ensures flexibility in integration.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number AS-B872-002
Weight	1.31 lbs (0.60 kg)
Description	Output Module
Output	type Analog Output
Number	of output points 4 points
Output	Current Range 4 to 20 mA per channel
Compatibility	Modicon 984 Series Controller Platform
Electrical	Isolation Yes, output electrically isolated from the controller logic
Status	Indicators LED indicators
Module	Handle Equipped with a handle
Protective	Case Non-conductive front panel
Operating	Environment Designed for harsh, plant-floor industrial environments
Surge	Withstand Capability Meets IEEE and ANSI standards
Mounting	Inserted into any slot within the 800 Series I/O structure

3. Product Information

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Technical specifications for AS-B872-002

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Protective Case Non-conductive front panel

Operating Environment Designed for harsh, plant-floor industrial environments

Surge Withstand Capability Meets IEEE and ANSI standards

Mounting Inserted into any slot within the 800 Series I/O structure

Description

The AS-B872-002 model from Schneider Electric is an output module that specializes in providing analog outputs in various applications. Supporting four output points, this module operates in a current range of 4 to 20 mA per channel. It is specifically compatible with the Modicon 984 Series Controller platform, making it a reliable choice for those seeking seamless integration with this system.

This module incorporates electrical isolation, which effectively separates the output functions from the controller logic. This feature enhances overall safety and operational reliability. Additionally, the module is equipped with LED status indicators that facilitate easy monitoring of its operating condition.

With dimensions of 51 mm in width, 203 mm in height, and 279 mm in depth, the module has a weight of 1.3 kg (approximately 2.87 lbs). It has been engineered to excel in demanding plant-floor environments, ensuring functionality even under harsh conditions. The non-conductive front panel provides an extra layer of protection, while the designed handle offers convenience during installation and maintenance tasks. This module also meets the surge withstand capability established by IEEE and ANSI standards, ensuring it can handle transient events effectively.

Finally, the AS-B872-002 output module is designed to be easily mounted into any available slot within the 800 Series I/O structure, enhancing its integration into existing systems.