

# AS-B804-116

## Modicon Output Module 115 VAC

### Product Manual

#### 1. Product Overview

The AS-B804-116 is an AC discrete output module designed for use in Modicon programmable logic controller systems. Its primary function is to convert internal PLC control logic into multiple 115 VAC output signals, allowing reliable control of field devices in industrial automation environments.

#### 2. Main Functions

The AS-B804-116 provides multiple independent AC output channels within a PLC control system. Each output point can be individually controlled by the PLC application program, enabling flexible control of relays, contactors, indicator lamps, solenoid valves, and other AC loads. The module incorporates electrical isolation between the control logic circuitry and the output load circuits, helping to reduce the impact of electrical noise and disturbances from the field side.

#### 3. Output Characteristics

This module provides 16 AC discrete output points with a rated output voltage of 115 VAC. The outputs are arranged in groups to simplify wiring and load management. Each output channel is capable of supplying continuous AC current within the specified limits, while the total output current of the module is subject to an overall maximum rating. The switching characteristics are suitable for AC loads and meet the response requirements of industrial control systems.

#### 4. Mechanical Design and Installation

The AS-B804-116 features a standard PLC I/O module form factor and is designed for installation in Modicon I/O racks. External loads are connected through terminal blocks suitable for fixed industrial wiring. During installation and wiring, system power should be disconnected and standard electrical safety practices should be followed.

#### 5. Application Information

The module is suitable for a wide range of industrial automation applications, including machine control systems, production lines, and process equipment requiring reliable AC discrete output control. When used as part of a Modicon PLC system, it supports stable and controlled operation of field devices.