Abb 86Ar24-o3.3 Programmable Logic Controllers 1Sbp260000R1001

The **ABB 86AR24-O3.3 Programmable Logic Controller** (Part No: **1SBP260000R1001**) is a compact and versatile controller designed for small to medium-sized automation tasks. As part of the **ABB A Series**, it provides a balance of input/output functionality and programmable control, ideal for a range of industrial applications requiring reliability and efficiency.

Key Features:

- Equipped with **8 digital inputs** (0–24V DC, 5mA) and **6 relay outputs** capable of switching both DC and AC loads.

- Powered by a **24V DC** supply, with a typical power consumption of **5W (standalone)** and **10W (with extension)**.

- Capable of handling high switching loads with **COM C2 output rated up to 8A at 230V AC**.

Specifications:

- Model: 86AR24-O3.3

- ABB Part Number: 1SBP260000R1001

- Power Supply: 24V DC

- Inputs: 8 Digital (0–24V DC, 5mA)

- Outputs:

- 6 Relay Outputs:

    - 24V DC / 2A

    - 120V AC 50–60Hz / 2A

    - 230V AC 50–60Hz / 2A

  - COM C1: 24V DC / 4A, 120V AC / 4A, 230V AC / 4A

  - COM C2: 24V DC / 8A, 120V AC / 8A, 230V AC / 8A

- Terminal Compatibility: AWG 14–24 Cu, 60°C

- Torque Specification: 7 lbs-in (0.8 Nm)

- Rated Voltage Range: 120–230V

- Country of Manufacture: France

- Weight: 380 grams

The **ABB 86AR24-O3.3** PLC offers essential control capabilities with robust relay output handling, making it a dependable choice for process control, discrete manufacturing, and building automation systems.