Abb 07Kr51-q3.3 Cpu Module Basic Unit 1Sbp260010R1001

The **ABB 07KR51-Q3.3 CPU Module Basic Unit** (Part No: **1SBP260010R1001**) is a core component of the **ABB Advant Controller 31** series, engineered for reliable and efficient control in industrial automation environments. This module combines essential input/output capabilities with robust processing to support a wide range of automation tasks.

Key Features:

- Integrated with **8 digital inputs (0–24V DC, 5mA)** and **6 relay outputs**, it offers a flexible interface for control systems.

- Compatible with **24V DC power supply**, consuming **5W without** and **10W with extension** modules.

- High current output handling: up to **8A at 230V AC**, making it suitable for both low and high-power switching applications.

Specifications:

- Model: 07KR51-Q3.3

- ABB Part Number: 1SBP260010R1001

- Power Supply: 24V DC

- Inputs: 8 Digital Inputs (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 Rating: 7 lbs-in (0.8 Nm)

- Origin: Made in France

- Weight: 400 grams

The **ABB 07KR51-Q3.3** module offers compact design, high durability, and strong electrical capabilities, making it a dependable choice for discrete automation systems across various industrial sectors.