# Abb Bc25-40-31 Auxiliary Contact Block 24V Dc

The **ABB BC25-40-31 Auxiliary Contact Block 24V DC** is a high-quality industrial switching component designed to enhance the performance of contactor-based control systems. Built for demanding environments, this auxiliary contact block supports a **24V DC control voltage** and delivers reliable switching for auxiliary circuits in motor starters and automation panels. With a robust **Ui rating of 1000V** and a thermal current capacity of **45A**, the BC25-40-31 is engineered to meet international standards for electrical safety and performance, making it an ideal choice for high-reliability industrial installations.

**Key Features:**

- Rugged auxiliary contact block with 24V DC control voltage
- Rated for high voltage and current applications up to 1000V and 45A
- Designed to interface with ABB contactors for seamless integration
- Compliant with IEC947-4-1 / EN60947-4-1 for industrial use
- Manufactured in France with durable construction for extended service life

**Specifications:**

- Product Type: Auxiliary Contact Block
- Model: BC25-40-31
- Control Voltage: 24V DC
- Rated insulation voltage (Ui): 1000V

- Thermal current (Ith): 45A
- AC-1 current rating (Ie): 45A
- AC-3 power rating: Ue V~ Kw (per IEC 947-4-1)
- Max continuous current: 33A
- Max operating voltage: 600V AC
- Short circuit withstand: 5kA RMS
- Wire size: AWG 10–14 Cu Str, 75°C
- Terminal torque: 12 lb-in (1.7 Nm)
- Certification: IEC947-4-1 / EN60947-4-1
- Part Number: CTC960009R1
- Country of Origin: France
- Weight: 730 grams

The **ABB BC25-40-31 Auxiliary Contact Block** offers a powerful blend of reliability, durability, and compatibility for control circuit expansion in motor control and automation systems. Trusted globally for its engineering excellence, ABB delivers products that meet the highest industrial standards, making this auxiliary block a dependable addition to any modern control cabinet.

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