

## **Abb Dsqc663 Servo Drive Unit**

The ABB DSQC663 Servo Drive Unit, part number 3HAC029318-001/06, is a high-performance motion control solution designed to deliver precision, speed, and reliability in automated robotic systems. Developed by ABB, a global leader in automation technology, this servo drive is engineered to provide efficient motor control in demanding industrial applications such as robotics, CNC machinery, and advanced assembly lines. With a compact design and advanced feedback algorithms, the DSQC663 ensures smooth and accurate torque delivery, optimizing machine performance and reducing downtime.

### **Key Features:**

- High-precision servo control with a maximum torque output of 3 Nm
- Designed specifically for integration with ABB robotic and motion systems
- Stable performance for high-speed, high-accuracy automation environments
- Compact and robust construction for space-saving installations
- Engineered for long-term reliability in industrial duty cycles

### **Specifications:**


- Product Name: ABB DSQC663 Servo Drive Unit
- Part Number: 3HAC029318-001/06
- Additional Reference Numbers: 980256#, 10460409
- Maximum Torque: 3 Nm


- Weight: 12.100 kg
- Construction: Industrial-grade enclosure for thermal and mechanical durability
- Compatibility: Tailored for ABB robot systems and automated motion platforms

The ABB DSQC663 Servo Drive Unit offers a seamless combination of control accuracy and mechanical resilience, making it a trusted component for high-performance industrial automation. Built to ABB's rigorous quality standards, this unit supports the precise control demands of complex motion tasks, ensuring consistent output and efficiency. For engineers and automation professionals seeking dependable servo control in ABB-integrated environments, the DSQC663 delivers exceptional value and operational confidence.

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 **Email:** [info@ramautomations.com](mailto:info@ramautomations.com)

 **WhatsApp:** +1 330 294 2744

 **Contact:** +91 78638 05686

