

3HAC026253-001

Industrial automation components

| | |
|-----------------------|----------------------------------|
| Manufacturer | Abb |
| Catalog number | 3hac026253-001 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Active product |

Technical specification

| | |
|-----------------------------|------------|
| Weight | 0.19 kgs |
| Voltage | 230 V |
| Power | 2 |
| Frequency | 50 - 60 Hz |
| Signal Level | 230 V |
| Relay Specifications | 230 VAC |
| Current | 10 A |
| Signal Type | 230 |

Description

The ABB DSQC661 Power Supply, part number 3HAC026253-001, is a dedicated power supply module designed for ABB's IRC5 robot controllers. This module ensures stable and reliable power delivery to system components, enhancing the performance and longevity of industrial automation systems. Key features include a wide input voltage range of 100-240V AC ($\pm 15\%$ tolerance), providing flexibility in various industrial environments. It offers an adjustable output voltage range of 0 to 220V AC with an accuracy of $\pm 1V$ AC, and a maximum output power of 1000W, supporting continuous output current up to 10A. The module operates efficiently within a temperature range of -20°C to $+60^{\circ}\text{C}$, ensuring reliable performance in diverse conditions. Its compact design, with dimensions of 45mm x 45mm x 107mm and a weight of approximately 0.8kg, facilitates easy installation and integration into existing systems. The DSQC661 Power Supply is equipped with integrated overcurrent and overvoltage protection, enhancing system safety and reducing the risk of damage to connected components. It is compatible with various ABB robot models, making it a versatile choice for enhancing the performance of automation systems.