

## 3HAC0373-1

Industrial automation components

<b>Manufacturer</b>	Abb
<b>Catalog number</b>	3hac0373-1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.32 kgs
<b>Weight</b>	0.5 kg
<b>Dimensions</b>	170mm x 100mm x 30mm
<b>Input Voltage</b>	220 V
<b>Output Frequency</b>	30 kHz
<b>Communication Protocols</b>	Profinet, DeviceNet, EtherCAT

### Description

The ABB 3HAC0373-1, also known as the DSQC361 Main Computer, is a high-performance control unit designed for integration into industrial automation systems. Manufactured by ABB, a leader in industrial automation, this component is engineered to deliver robust performance and reliability in demanding environments. The DSQC361 serves as a central processing unit (CPU) for ABB's S4, S4C, and S4C+ robot controllers, facilitating precise control and coordination of robotic operations. Key features include a compact design measuring 170mm x 100mm x 30mm and a weight of 0.5 kg, making it suitable for various industrial applications where space and weight considerations are critical. The unit operates at an input voltage of 220 V and supports output frequencies up to 30 kHz, ensuring compatibility with a wide range of industrial equipment. Communication protocols supported by the DSQC361 include Profinet, DeviceNet, and EtherCAT, enabling seamless integration with diverse automation networks. This versatility allows for flexible system configurations and efficient data exchange between components. The DSQC361 is constructed with an aluminum alloy housing, providing durability and resistance to industrial wear and tear. Its design ensures longevity and consistent performance, even in harsh operational conditions. As part of ABB's commitment to quality, the DSQC361 undergoes rigorous testing and quality control processes to meet industry standards, ensuring that it delivers reliable and efficient performance in various industrial automation applications.