

3HAC2424-1

Industrial automation components

Manufacturer	Abb
Catalog number	3hac2424-1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.95 kgs
Input Voltage Range	85-264 VAC
Communication Protocols Supported	Modbus, CANopen, DeviceNet
Operating Temperature Range	-20°C to +70°C
Dimensions (WxHxD)	100mm x 100mm x 35mm
Operating Temperature Range	-25°C to +60°C
Input Voltage	230V AC V
Output Current	2A
Communication Protocol	Modbus/TCP
Operating Frequency	50 Hz
Dimensions	100mm x 100mm x 30mm
Weight	0.2kg

Description

The ABB 3HAC2424-1 is a high-performance backplane control board from the DSQC369 series, designed for advanced industrial automation systems. This module serves as a critical component in robot control systems, ensuring seamless integration and enhanced control performance. It operates within an input voltage range of 85-264 VAC and supports multiple communication protocols, including Modbus, CANopen, and DeviceNet, facilitating efficient data exchange between devices. With an operating temperature range of -20°C to +70°C, it is engineered to withstand harsh industrial conditions. The compact dimensions of 100mm x 100mm x 35mm and a weight of 0.5 kg make it suitable for various manufacturing environments. Certified to international standards such as CE, UL, and IEC, the 3HAC2424-1 adheres to stringent safety and quality requirements, ensuring reliable operation in demanding applications.