

DSQC 325

Industrial automation components

Manufacturer	Abb
Catalog number	dsqc-325
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.73 kgs
Processor Speed	10 MHz
Memory Capacity	Up to 32 Kbytes
Operating Temperature Range	-25°C to +60°C
Communication Interface	EtherNet/IP, DeviceNet
Power Consumption	≤ 2.5 W
Dimensions (WxHxD)	68 mm x 95 mm x 30 mm
Digital Inputs	10
Digital Outputs	6
Analog Inputs	2

Description

The ABB DSQC 325 is a high-performance CPU board designed for integration into ABB's industrial automation systems, particularly within robotic applications. This module serves as the central processing unit, managing real-time control, data processing, and communication tasks essential for precise automation. It is engineered to support advanced features such as enhanced motion control and flexible connectivity options, ensuring reliable integration with various fieldbus systems. The DSQC 325 module is integral to automating industrial processes, delivering precise performance and efficient operation tailored to meet the demands of modern manufacturing environments. Key specifications include a processor speed of 10 MHz, memory capacity up to 32 Kbytes, and an operating temperature range from -25°C to +60°C. Communication interfaces supported are EtherNet/IP and DeviceNet, with power consumption not exceeding 2.5 W. The module's dimensions are 68 mm x 95 mm x 30 mm, and it features connectors for 10 digital inputs, 6 digital outputs, and 2 analog inputs. This compact yet robust design ensures seamless integration and enhanced control capabilities within ABB's automation systems.