

YB560103-BD

Industrial automation components

Manufacturer	Abb
Catalog number	yb560103-bd
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Component Specifications	irb300
Product Type	Module
Input Channels	8 channels
Output Channels	8 channels
Operating Temperature Range	-20 to +55 °C
Dimensions	100 x 100 x 30 mm
Weight	0.2 kg
Communication Protocols	RS-232, RS-485, Profinet
Power Supply	12-24V DC

Description

The ABB YB560103-BD is a high-performance digital input/output (I/O) module designed for advanced robotics and automation applications. Manufactured by ABB, this module is part of the DSQC223 series and is engineered to provide precise control and data acquisition in industrial settings, enhancing efficiency and productivity. It features 16 digital I/O channels, comprising 8 digital input channels and 8 digital output channels, facilitating seamless integration with various robotic systems. The module operates within a temperature range of -20°C to +55°C, ensuring reliable performance across diverse industrial environments. Its compact dimensions of 100 x 100 x 30 mm and lightweight design (0.2 kg) make it suitable for applications where space and weight are critical considerations. The YB560103-BD supports communication protocols such as RS-232, RS-485, and Profinet, enabling versatile connectivity options for integration into existing automation systems. With a power supply requirement of 12-24V DC, it offers flexibility in power sourcing. This module is ideal for applications requiring high-speed communication and precise control, such as robotic assembly lines or automated material handling systems, where real-time data processing and decision-making are crucial for optimal performance.