

YB560103-CC

Industrial automation components

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

Technical specification

Weight	1.50 kgs kg
Input Voltage Range	200-240V AC V
Output Current Capacity	10-20A
Operating Temperature Range	-10°C to +50°C
Communication Interface	EtherCAT
Safety Certification	IEC 61508 SIL 2 compliant

Description

The ABB YB560103-CC is a high-performance servo drive unit designed for precise motion control in industrial automation applications. Engineered to integrate seamlessly with ABB's comprehensive automation portfolio, it offers compatibility with a wide range of motors and control systems, optimizing productivity and minimizing downtime. The drive unit features an EtherCAT interface, enabling fast and efficient communication that significantly enhances the responsiveness and accuracy of robotic and CNC systems. Built-in safety features, including Safety Torque Off (STO), ensure operator safety and compliance with international safety standards, making it ideal for high-risk industrial environments. Its air-cooled design facilitates continuous operation in demanding conditions, reducing maintenance requirements and downtime, thus contributing to overall operational efficiency. The YB560103-CC is suitable for various applications, including robotics, CNC machinery, and other automation systems requiring precise and reliable motion control.