

## YB560103-CD

Industrial automation components

<b>Manufacturer</b>	Abb
<b>Catalog number</b>	yb560103-cd
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Input Voltage Range</b>	200-240V AC V
<b>Output Current Capacity</b>	10-20A
<b>Communication Interface</b>	EtherCAT
<b>Safety Compliance</b>	IEC 61508 SIL 2
<b>Cooling Method</b>	Air-cooled

### Description

The ABB YB560103-CD is a high-performance servo drive unit designed for precise control in industrial automation applications. Manufactured by ABB, a leader in industrial automation, this unit is engineered to deliver reliable and efficient performance in demanding environments. The YB560103-CD is compatible with various servo motors, providing flexibility in system design. It operates within an input voltage range of 200-240V AC, accommodating standard industrial power supplies. The drive unit supports output currents between 10-20A, catering to a wide range of load requirements. Communication is facilitated through the EtherCAT interface, ensuring fast and efficient data exchange for synchronized operations. Built with safety in mind, the YB560103-CD complies with IEC 61508 SIL 2 standards, offering enhanced protection in industrial settings. Its air-cooled design allows for continuous operation in challenging conditions, reducing maintenance needs and enhancing system uptime. This servo drive unit is ideal for applications requiring precise motion control, such as robotics, CNC machinery, and automated production lines, where accuracy and reliability are paramount.