

MDS-B-V2-3510

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	mds-b-v2-3510
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.50 kgs
Voltage	AC
Horsepower	1 KW
Cooling Capacity	1 kW
Product Type	Drive

Description

The Mitsubishi MDS-B-V2-3510 is a dual-axis AC servo drive designed for precise motion control in industrial automation systems. Part of Mitsubishi's MDS-B series, this model offers a continuous output of 3.5 kW for the L-axis and 1.0 kW for the M-axis, catering to applications requiring high torque and rapid acceleration. It operates at a rated voltage of 155V AC and supports a rated current of 16.0A for the L-axis and 6.8A for the M-axis. The servo drive is compatible with various Mitsubishi servo motors, including the HA103N, HA200N, HA203NL, and HA300NL for the L-axis, and the HA53NL, HA80N, HA83N, and HA100NL for the M-axis. Communication with the CNC is facilitated via the proprietary SSCNET bus, ensuring seamless integration within Mitsubishi's automation systems. The MDS-B-V2-3510 is suitable for applications such as CNC machines, robotics, and other precision machinery requiring synchronized dual-axis control.