

## MDS-B-V24-3535

Industrial automation components

<b>Manufacturer</b>	Mitsubishi
<b>Catalog number</b>	mds-b-v24-3535
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	4.99 kgs
<b>Frequency</b>	50 - 60
<b>Measurement Range</b>	200 - 230
<b>Signal Level</b>	230 V
<b>Voltage</b>	AC
<b>Product Type</b>	Drive

### Description

The Mitsubishi MDS-B-V24-3535 is a dual-axis AC servo drive unit designed for high-performance motion control in industrial applications. Manufactured by Mitsubishi Electric, this unit is part of the MDS-B series, known for its precision and reliability in CNC machine tools. Each axis delivers a rated capacity of 3.5 kW, providing robust power for demanding tasks. The drive operates with a main circuit input voltage of DC 270 to 311 V and a control supply of 200 to 230 V AC, single-phase, ensuring compatibility with standard industrial power systems. It features forced air cooling with an internal fan, maintaining optimal operating temperatures during extended use. The MDS-B-V24-3535 is equipped with a 7-segment LED display for easy monitoring and diagnostics. Designed for integration with Mitsubishi's MELDAS CNC controls, it excels in applications such as machining centers, lathes, and grinding machines, where precise and dynamic axis movements are essential. This servo drive unit is ideal for industries requiring high-speed and accurate motion control, including automotive manufacturing, aerospace, and precision engineering.