

MDS-D-V2-4040

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	mds-d-v2-4040
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Current	40 A
Product Type	Drive
Relay Specifications	40 A
Input Voltage	200-230 V AC
Output Frequency Range	0-1000 Hz
Cooling Method	Forced Air
Encoder Compatibility	Mitsubishi High-Resolution Serial Encoder
Nominal Maximum Current per Axis	40 A
Frequency Range	0-1000 Hz
Protection Class	IP20
Dimensions	90 x 380 x 250 mm
Weight	6.5 kg

Description

The Mitsubishi MDS-D-V2-4040 is a dual-axis AC servo drive unit designed for high-performance control in industrial automation systems. Part of Mitsubishi's MDS-D series, this model offers precise and reliable servo control for demanding applications. It features a rated power of 4.0 kW per axis, providing a total of 8.0 kW, suitable for controlling two servo motors simultaneously. The input voltage ranges from 200 to 230 V AC, accommodating standard industrial power supplies. The drive unit supports a wide output frequency range from 0 to 1000 Hz, allowing for versatile motor control. Cooling is achieved through forced air, ensuring efficient operation in various environments. The MDS-D-V2-4040 is compatible with Mitsubishi's high-resolution serial encoders, enabling precise position and speed feedback. Its compact design and integrated protection functions make it ideal for applications requiring synchronized control of multiple axes, such as CNC machines and complex automation systems.