

MDS-D-V2-16080

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	mds-d-v2-16080
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Frequency	50 - 60 Hz
Horsepower	2 KW
Cooling Capacity	2 kW
Product Type	Drive
Signal Type	230
Voltage	AC
Signal Level	230 V
Relay Specifications	230 VAC

Description

The Mitsubishi MDS-D-V2-16080 is a dual-axis AC servo drive designed for high-performance applications, particularly in CNC systems. Manufactured by Mitsubishi Electric, this model offers precise control and reliable operation for demanding industrial environments. Key features include a rated current of 29.6A for Axis 1 and 14.6A for Axis 2, with a maximum peak current of 160A and 80A respectively. It operates on a supply voltage of 200-230 VAC, accommodating a frequency range of 50-60 Hz. The drive is equipped with regenerative and dynamic braking capabilities, ensuring efficient deceleration and energy recovery. Its forced air cooling system maintains optimal operating temperatures, while the IP20 protection rating safeguards internal components from dust ingress. The MDS-D-V2-16080 is compatible with various Mitsubishi servo motors, providing flexibility in system integration. Its compact design and robust construction make it suitable for applications requiring precise motion control and high reliability.