

MDS-C1-SP-260

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	mds-c1-sp-260
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	6.49 kgs
Voltage	AC
Current	97 A
Power	26 kW
Frequency	50 - 60 Hz
Horsepower	26 KW
Cooling Capacity	26 kW
Product Type	Drive
Signal Type	230
Signal Level	230 V
Relay Specifications	230 VAC

Description

The Mitsubishi MDS-C1-SP-260 is a high-performance AC spindle drive designed for precision control in industrial applications. Manufactured by Mitsubishi, this spindle drive offers a rated output of 26.0 kW, ensuring robust performance for demanding tasks. It operates efficiently within an ambient temperature range of 0 to 55°C and can be stored at temperatures between -15 to 70°C, providing versatility across various environments. The device supports a humidity tolerance of up to 90% RH without dew condensation, making it suitable for diverse operational conditions. With a weight of 6.3 kg, the MDS-C1-SP-260 is engineered for easy installation and maintenance. It utilizes sine wave PWM control and current control methods, enhancing precision and responsiveness. The spindle drive features regenerative braking, contributing to energy efficiency during operations. External analog outputs (0 to +10V) are available for speed and load monitoring, facilitating seamless integration into existing systems. The unit is protected with an IP20 rating overall and an IP00 terminal block TE1 rating, ensuring durability and safety. Forced wind cooling ensures efficient heat dissipation, maintaining optimal performance during extended use. The MDS-C1-SP-260 is an ideal solution for applications requiring reliable and precise spindle control, such as CNC machinery and automated manufacturing processes.