

## MDS-C1-SPH-300

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	mds-c1-sph-300
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

### Technical specification

Current	0.2 A
Power	30
Horsepower	30
Cooling Capacity	30
Signal Type	230
Voltage	AC
Frequency	50 - 60
Product Type	Drive
Signal Level	230 V
Relay Specifications	230 VAC

### Description

The Mitsubishi MDS-C1-SPH-300 is a high-performance single-axis spindle drive engineered for demanding industrial applications. Designed to deliver a nominal power output of 30.0 kW, it ensures robust performance for various automation tasks. Operating with an output voltage rating of 155 VAC, this drive is capable of supporting extensive operational requirements. The MDS-C1-SPH-300 features a cooling system that utilizes forced air with a fin design, enabling efficient heat management during continuous operation. It incorporates regenerative braking, optimizing energy efficiency when reversing motion. With a protection rating of IP20 (excluding the terminal block), the drive is suitable for industrial environments requiring reliable, high-power motion control infrastructure. Its compact design allows for easy integration into existing systems, making it an ideal choice for a wide variety of automation projects.