

MDS-C1-V2-2020

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	mds-c1-v2-2020
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	4.38 kgs
Voltage	AC
Current	28 A
Horsepower	2 KW
Cooling Capacity	2 kW
Product Type	Drive

Description

The Mitsubishi MDS-C1-V2-2020 is a dual-axis AC servo drive engineered for precise motion control in industrial automation applications. Designed to deliver 2.0 kW per axis, it ensures reliable performance for complex control systems. The drive accepts flexible power inputs—200–230 V AC (0.2 A) or 270–311 V DC (28 A)—making it versatile for varied industrial power setups. It integrates advanced IGBT-IPM technology with regenerative braking, significantly improving energy efficiency and delivering smooth deceleration during operations. As part of the widely trusted MDS-C1-V2 line, the unit supports both standard and high-gain (MDS-B-V14/V24) servo modes, with automatic parameter recognition when substituting legacy units. This feature simplifies upgrades and replacements, enhancing system reliability. The MDS-C1-V2-2020 is compatible with Mitsubishi's MELDAS control series, making it an ideal choice for applications requiring high-speed spindles or robotic motion. Its robust design and advanced features make it suitable for a wide range of industrial automation tasks, ensuring optimal motor performance and system efficiency.