

MDS-C1-CV-150

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	mds-c1-cv-150
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Power	15 kW
Cooling Capacity	15 kW
Measurement Range	200 - 230
Signal Level	230 V
Voltage	200 - 230 V
Current	49 A
Frequency	50 - 60 Hz
Horsepower	15 KW
Product Type	Converter

Description

The Mitsubishi MDS-C1-CV-150 is a 15.0 kW power supply unit designed for use with Mitsubishi's MDS-C1 series of CNC systems. Operating within a voltage range of 200 to 230 VAC and a frequency of 50/60 Hz, it delivers a DC output of 270 to 311 V. The unit is capable of handling a rated current of 49 A on the input side and 58 A on the output side. It features a power regeneration circuit and is protected to IP20 standards, excluding the terminal block. Cooling is achieved through natural convection, eliminating the need for external cooling systems. The unit's dimensions and weight are tailored to fit seamlessly within the MDS-C1 series, ensuring compatibility and ease of integration. This power supply unit is essential for providing stable and reliable power to CNC systems, contributing to the precision and efficiency of machining operations.