

## MDS-B-CV-220

Industrial automation components

<b>Manufacturer</b>	Mitsubishi
<b>Catalog number</b>	mds-b-cv-220
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Power</b>	22 kW
<b>Horsepower</b>	22 KW
<b>Cooling Capacity</b>	22 kW
<b>Product Type</b>	Converter
<b>Power Output</b>	22 kW
<b>Input Voltage</b>	270–311 V
<b>Cooling Type</b>	Forced ventilation
<b>Dimensions</b>	38 x 15 x 32 cm
<b>Weight</b>	12–16 kg

### Description

The Mitsubishi MDS-B-CV-220 is a high-performance power supply unit designed for the MDS-B series of Mitsubishi's CNC systems. Operating within a voltage range of 270V to 311V, it delivers a power output of 22kW, ensuring stable DC voltage supply to servo and spindle amplifiers. This stability is crucial for precise and dynamic control of all axes in CNC machine tools. The unit features forced ventilation cooling, eliminating the need for an external cooling system, and integrates an Intelligent Power Module (IPM) to reduce heat generation. Its compact design, measuring 38 cm x 15 cm x 32 cm and weighing approximately 12–16 kg, allows for easy integration into existing systems. The MDS-B-CV-220 complies with European Safety Standards and has TUV approval for CV, SP, and V1V2 models, ensuring reliable and safe operation in industrial environments.