MDS-E-CV-110

Industrial automation components

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Manufacturer	Mitsubishi
Catalog number	mds-e-cv-110
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Power Supply Type	MDS-E-CV Series
Input Voltage	200 to 240 VAC
Output Voltage	270 to 324 VDC
Continuous Rated Output	7.5 kW
Degree of Protection	IP20 (excluding terminal block)

Description

The Mitsubishi MDS-E-CV-110 is a high-performance power supply unit designed for the MDS-E Series of servo and spindle drives. Operating within the 200V series, it offers a 30-minute rated output of 11.0 kW and a continuous rated output of 7.5 kW, ensuring reliable power delivery for demanding industrial applications.

The unit accepts an input voltage range of 200 to 240 VAC, with a tolerable fluctuation between +10% and -15%, and operates at a frequency of 50/60 Hz with a fluctuation tolerance of +5% and -5%. The rated current is 35 A, and the output voltage ranges from 270 to 324 VDC, with a rated current of 41 A.

Designed with natural cooling, the MDS-E-CV-110 features a degree of protection rated at IP20 (excluding the terminal block), making it suitable for various industrial environments. Its compact design contributes to reduced control panel size, enhancing system integration and efficiency.

This power supply unit is ideal for applications requiring robust and efficient power solutions, such as CNC machinery and other automation systems.

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