

MDS-D2-SP2-8040

Industrial automation components

Manufacturer	Mitsubishi
Catalog number	mds-d2-sp2-8040
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Material Number	266672
Business Area Code	EJ
Product Category	CNC
Pricing Group	EJ - CNC
Product Name	MDS-D2-SP2-8040
Marketing Note [PL]	1,162.85
Class Code	120000500
Sub Product Line	Spindleamplifier 200V
Product Hierarchy Code	N12708
Product Line	MDS-D2-SP2
Gross Weight (kg)	10
Gross Length (cm)	0
Gross Width (cm)	0
Gross Height (cm)	0
Customs Tariff Code	85044085
Country of Origin	JP
Product Marketing Description	Spindle drive amplifier

Description

The Mitsubishi MDS-D2-SP2-8040 is a 2-axis spindle drive amplifier designed for precise and reliable control of spindle motors in CNC machine tools. Part of the MDS-D2 series, this unit offers a rated output of 2.2 kW and 4.0 kW, with a maximum rotation speed of 6,000 rpm. It operates with a rated voltage of 155 V AC and a rated current of 18 A for the first axis and 10 A for the second axis. The input voltage ranges from 270 to 311 V DC, with a rated current of 33 A. The control power is supplied at 200 V AC (50 Hz) or 200 to 230 V AC (60 Hz), with a maximum current of 0.2 A. The unit features forced air cooling and has a weight of 6.5 kg. Designed for high-performance applications, the MDS-D2-SP2-8040 ensures efficient and stable operation in demanding machining environments.