

MDS-D2-SP-200

Industrial automation components

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| Manufacturer | Mitsubishi |
| Catalog number | mds-d2-sp-200 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Legacy / discontinued |

Technical specification

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| Material Number | 266663 |
| Business Area Code | EJ |
| Product Category | CNC |
| Pricing Group | EJ - CNC |
| Product Name | MDS-D2-SP-200 |
| Marketing Note [PL] | 1,071.20 |
| Class Code | 120000500 |
| Sub Product Line | Spindleamplifier 200V |
| Product Hierarchy Code | N12707 |
| Product Line | MDS-D2-SP |
| Gross Weight (kg) | 10 |
| Gross Length (cm) | 0 |
| Gross Width (cm) | 0 |
| Gross Height (cm) | 0 |
| Customs Tariff Code | 85044086 |
| Country of Origin | JP |
| Product Marketing Description | Spindle drive amplifier |

Description

The Mitsubishi MDS-D2-SP-200 is a high-performance spindle drive amplifier designed for precision control in CNC machine tools. Operating at a rated voltage of 155V AC, it delivers a continuous rated current of 63A, ensuring reliable power delivery for demanding applications. The input voltage ranges from 270 to 311V DC, accommodating various power configurations. This unit employs a sine wave PWM control method, providing smooth and efficient operation. It features regenerative braking, enhancing energy efficiency and performance. The MDS-D2-SP-200 is housed in an IP20-rated enclosure, offering protection against dust and solid objects. Cooling is achieved through forced air, maintaining optimal operating temperatures. With a weight of 7.5 kg, it is suitable for integration into compact spaces within machinery. This spindle drive amplifier is ideal for applications requiring precise spindle control and high reliability.