

MDX61B0055-5A3-4-0T

Industrial automation components

Manufacturer	Sew-Eurodrive
Catalog number	mdx61b0055-5a3-4-0t
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	6.01 kgs
Voltage	500 V
Power	5.5 kW
Signal Type	500
Signal Level	500 V
Relay Specifications	500 VAC
Cooling Capacity	5.5 kW
Product Type	Drive

Description

The Sew-Eurodrive MDX61B0055-5A3-4-0T is a high-performance inverter drive from the MOVIDRIVE® MDX series, designed for precise control of synchronous and asynchronous motors in industrial automation applications. This model offers a rated output power of 5.5 kW and operates with a supply voltage range of 380 to 500 V AC, accommodating both 50 Hz and 60 Hz frequencies. It delivers a rated output current of 12.5 A at 400 V AC, ensuring reliable performance across various industrial settings. The inverter supports adjustable PWM frequencies of 4, 8, 12, and 16 kHz, providing flexibility to meet specific application requirements. With an integrated brake chopper, the MDX61B0055-5A3-4-0T is capable of handling regenerative energy efficiently, making it suitable for applications requiring dynamic braking. The device is housed in an IP20-rated enclosure, offering protection against solid objects larger than 12 mm, and is designed to operate within an ambient temperature range of 0 to +50 °C. Its compact dimensions of 105 mm in width, 335 mm in height, and 294 mm in depth, combined with a weight of 6.6 kg, facilitate easy integration into existing systems. This inverter drive is ideal for applications such as conveyor systems, pumps, fans, and other machinery requiring precise speed and torque control.