

MDX61B0011-5A3-4-0T

Industrial automation components

Manufacturer	Sew-Eurodrive
Catalog number	mdx61b0011-5a3-4-0t
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.47 kgs
Voltage	380 - 500 V
Power	1.1 kW
Signal Type	500
Signal Level	500 V
Relay Specifications	500 VAC
Current	2.85 A
Frequency	50 - 60 Hz
Horsepower	1.5 HP
Cooling Capacity	1.1 kW
Product Type	Inverter

Description

The Sew-Eurodrive MDX61B0011-5A3-4-0T is a high-performance frequency inverter from the MOVIDRIVE® B series, designed for precise control of three-phase AC asynchronous motors in industrial automation applications. This inverter offers a rated power of 1.1 kW (1.5 HP) and operates with a 3-phase input voltage of 380–500 V AC at 50/60 Hz, drawing a current of 2.85 A. It provides an output frequency range from 0 to 600 Hz, enabling versatile motor speed control. The device features a V/f control method, along with Voltage Flux Control (VFC) and Current Flux Control (CFC), ensuring efficient motor operation. Housed in an IP20-rated enclosure, the MDX61B0011-5A3-4-0T is suitable for cabinet installation and is designed to operate in ambient temperatures ranging from 0°C to +50°C. Its modular design allows for easy integration with various communication and technology options, making it adaptable to specific application needs. This inverter is ideal for complex and dynamic motion control tasks in sectors such as logistics, packaging, and material handling, where precise and repeatable movements are essential.