

MC07B0008-5A3-4-00

Industrial automation components

Manufacturer	Sew-Eurodrive
Catalog number	mc07b0008-5a3-4-00
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.59 kgs
Voltage	380 - 500 V
Current	2.2 A
Product Type	Inverter
Power	0.75 kW
Frequency	50 - 60 Hz
Cooling Capacity	0.75 kW
Signal Type	500
Signal Level	500 V
Relay Specifications	500 VAC

Description

The SEW-Eurodrive MC07B0008-5A3-4-00 is a compact and efficient inverter drive from the MOVITRAC® B series, designed for controlling three-phase asynchronous motors in various industrial applications. This model offers a power output of 0.75 kW (1.0 HP) and operates within a voltage range of 380–500 V AC, accommodating standard industrial power supplies. It delivers a nominal output current of 2.4 A, suitable for driving motors with similar current ratings. The inverter supports a frequency range of 0 to 600 Hz in V/F control mode and up to 150 Hz in vector control mode, providing flexibility for different motor control requirements. The device is housed in a compact enclosure measuring 80 x 185 x 163.5 mm, facilitating easy integration into control cabinets with limited space. With a weight of approximately 1.5 kg, it is lightweight and easy to handle during installation. The MC07B0008-5A3-4-00 is engineered for reliable performance in demanding environments, with an ambient temperature range up to +60 °C and an IP20 protection rating, ensuring durability and safety in various industrial settings.