

31C055-503-4-00

Industrial automation components

Manufacturer	Sew-Eurodrive
Catalog number	31c055-503-4-00
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.47 kgs
Voltage	380 - 500 V
Relay Specifications	500 VAC
Current	10.7 A
Frequency	50 - 60 Hz
Horsepower	7.5 HP
Product Type	Drive
Signal Type	500
Signal Level	500 V

Description

The SEW-Eurodrive MOVITRAC® 31C055-503-4-00 is a frequency inverter designed for industrial automation applications, offering precise motor control and energy efficiency. This model is part of the MOVITRAC® 31C series, known for its robust performance and versatility in various industrial settings. Key specifications include a rated power of 8.3 kVA, suitable for motors up to 5.5 kW, and a supply voltage range of 380 to 500 V AC, accommodating standard industrial power systems. The inverter operates with a current rating of 10.7 A, ensuring reliable performance under varying load conditions. It supports output frequencies from 0 to 400 Hz, providing flexibility for different motor speeds and applications. The ambient temperature range of 0 to +45 °C allows for operation in diverse environmental conditions. The device features an IP20 protection level, indicating suitability for indoor use in controlled environments. With dimensions of 105 x 188 x 189 mm and a weight of approximately 2.4 kg, the MOVITRAC® 31C055-503-4-00 is compact and lightweight, facilitating easy integration into existing systems. This inverter is ideal for applications requiring precise motor control, such as conveyor systems, pumps, and fans, where energy efficiency and reliability are paramount.