

31C075-503-4-00

Industrial automation components

Manufacturer	Sew-Eurodrive
Catalog number	31c075-503-4-00
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.60 kgs
Voltage	380 - 500 V
Frequency	50 - 60 Hz
Product Type	Inverter
Signal Type	500
Signal Level	500 V
Relay Specifications	500 VAC
Current	13.8 A

Description

The SEW-Eurodrive 31C075-503-4-00 is a high-performance frequency inverter from the MOVITRAC 31C series, designed for precise control of three-phase AC induction motors in industrial automation applications. This inverter offers efficient motor control, making it suitable for a wide range of industries, including manufacturing, food processing, and logistics. Key features include an input voltage range of 380-500 V AC, output power of 11 kVA, and a motor power rating of 7.5 kW. The inverter operates within a frequency range of 50-60 Hz and has a rated output current of 16 A. Its compact dimensions (184 x 296 x 218 mm) and lightweight design (5.9 kg) facilitate easy installation and maintenance. The 31C075-503-4-00 is engineered for high efficiency, with up to 97% efficiency, and supports multiple communication protocols, such as PROFIBUS-DP and INTERBUS, facilitating integration with PLCs and other automation systems. Its robust design and IP20 protection rating allow it to operate efficiently in various industrial environments. This inverter is ideal for applications requiring precise speed and torque regulation, such as pumps, fans, conveyors, and general machinery.