

EF014-503

Industrial automation components

Manufacturer	Sew-Eurodrive
Catalog number	ef014-503
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.98 kgs
Component Specifications	ef014
Current	5 A
Product Type	Module
Signal Level	400 V
Relay Specifications	5 A

Description

The Sew-Eurodrive EF014-503 is an electromagnetic compatibility (EMC) filter module designed to enhance the performance of MOVITRAC® 31C frequency inverters. Operating within a voltage range of 230–500 V AC and supporting a rated current of 5 A at 400 V, this module effectively suppresses electrical interference, ensuring stable and efficient operation of industrial drive systems. It is suitable for applications requiring compliance with EMC standards, such as noise suppression in inverter braking circuits and integration into automated machinery. The EF014-503 features a compact design, measuring 50 mm in height, 110 mm in length, and 230 mm in width, with a weight of 0.90 kg, facilitating easy installation without additional cabinet space. Its power dissipation is 12 W, and it operates within an ambient temperature range of -25°C to 45°C, with derating above 45°C. The module is rated for a leakage current of less than 12 mA and has an IP20 enclosure rating, making it suitable for various industrial environments. For optimal performance and installation, refer to the MOVITRAC® 31C catalog and the EF...-503 EMC module addendum.