

DFE24B

Industrial automation components

Manufacturer	Sew-Eurodrive
Catalog number	dfe24b
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.01 kgs
Weight	0.5 kg
Standards	IEC 61158, IEC 61784-2
Baud Rate	100 Mbaud full duplex
Connection Technology	2 × RJ45 (8 × 8 modular jack)
Bus Termination	Automatically activated
OSI Layer	Ethernet II
Station Address	Set via EtherCAT® master
XML File Name	SEW_DFE24B.xml
Vendor ID	0x59 (CANopenVendor ID)
EtherCAT® Services	CoE (CANopen over EtherCAT®), VoE (Simple MOVILINK protocol over EtherCAT®)

Description

The SEW-Eurodrive DFE24B is an EtherCAT® fieldbus interface option designed for seamless integration of MOVITRAC® B frequency inverters into higher-level automation systems. This module enables efficient communication and control by connecting the inverters via EtherCAT®, a real-time capable communication technology. The DFE24B operates at a baud rate of 100 Mbaud full duplex and utilizes two RJ45 connectors for line-type cabling. It supports the CoE (CANopen over EtherCAT®) and VoE (Simple MOVILINK protocol over EtherCAT®) services, facilitating versatile communication options. The module is compliant with IEC 61158 and IEC 61784-2 standards, ensuring reliable and standardized operation. Additionally, the DFE24B features automatic bus termination, eliminating the need for manual configuration. For configuration and project planning, the SEW_DFE24B.xml file is provided, which can be installed into the designated directory of your project planning software. This integration allows for automatic addressing via the EtherCAT® master and supports the configuration of process data objects (PDOs) and service data objects (SDOs), enabling both real-time control and parameter access. ([download.sew-eurodrive.com](https://download.sew-eurodrive.com/download/pdf/20075758.pdf?utm_source=openai))