Epulse10 DC Servo Drive

This landing page is the entry point for the **Epulse10 DC servo drive**. The drive is a compact DC servo drive designed for brushless motors with SIN/COS 1Vpp feedback.

Overview

Epulse10 is a compact DC servo drive designed to control brushless motors with SIN/COS 1Vpp feedback. In particular, this drive is an optimal choice in combination with NL040Q/X miniature tubular linear motors.

This servo drive can provide a current of up to 15 A with a 24VDC power supply, and thanks to its compact design it can be integrated even in the smallest spaces without performance loss.

Epulse10 integrates a position table and can be controlled by a PLC using digital I/O control and synchronization. Standard fieldbus interfaces are EtherCAT (CoE) or CANopen (DS402).



What you will find here

Topic	Page
Technical data	Technical data
CANopen over EtherCAT	CoE profile

CODESYS integration	CODESYS
Safe Torque Off	STO inputs
Connectors	Connectors

Key characteristics

- Compact DC servo drive with SIN/COS 1Vpp feedback. - Up to 15 A peak current and 170 W rated output power. - Integrated position table and digital I/O control. - CANopen (DS402) and EtherCAT (CoE) fieldbus interfaces.

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