

FLEX-DRIVE Series Drives

EtherCAT®

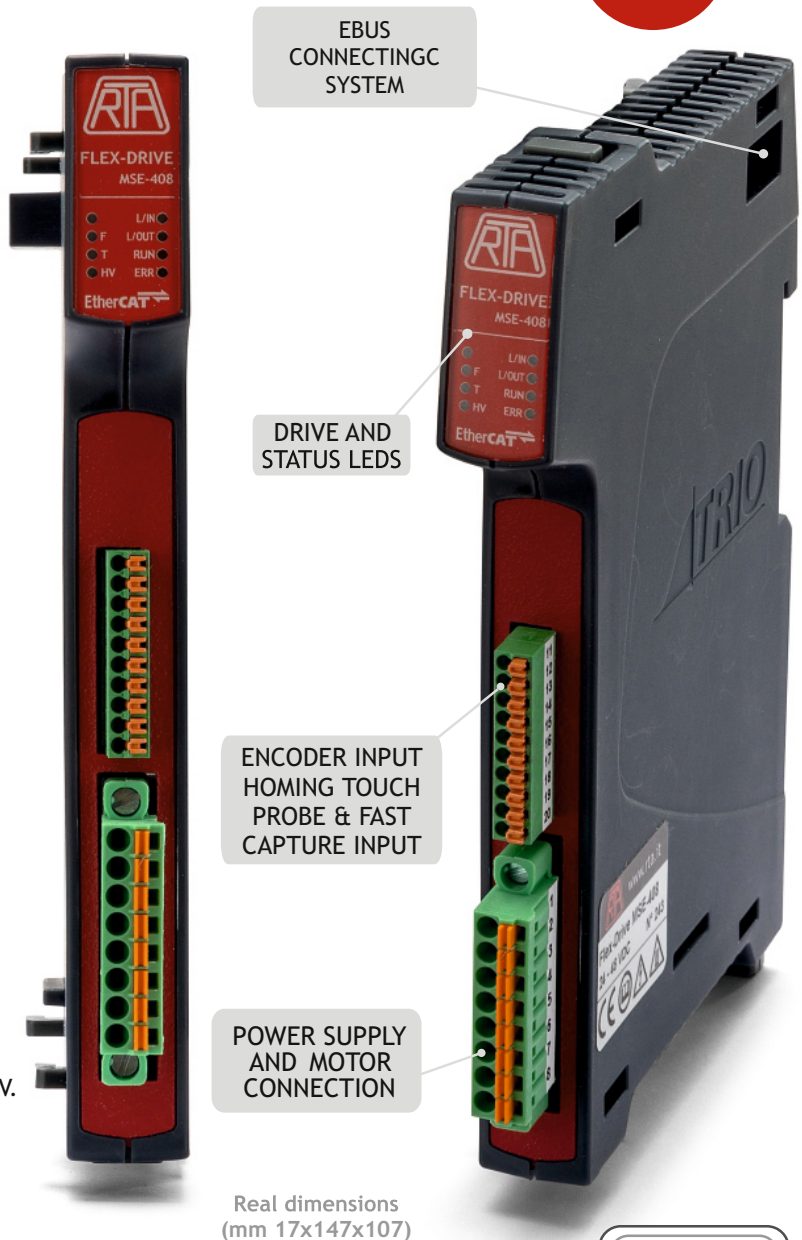
3rd
FIRMWARE
GENERATION

INTRODUCTION

- FLEX-DRIVE allows connection with any stepper motor up to Nema 24 (60 mm) with or without encoder feedback, supporting PP, CSP, CSV and Homing mode of operation.
- MSE 408 model is equipped with one configurable fast capture input, suitable for Touch Probe, proximity or free use.
- Easy setup: no need of programming software, all settings are made through EtherCAT network.
- Separated power supply for logic circuit and motor power.

MAIN EtherCAT® FEATURES

- Modes of operation: PP, PV, Homing, CSP and CSV.
- Wide range of motor phase current setting and motor current overboost (120%).
- Different variety of HOMING operation modes.
- Encoder feedback and support of different resolution.
- Touch Probe function available.
- Limit switches management.
- Auto-sync function available featuring a closed loop positioning.



Please refer to download.rta.it for technical specifications



FLEX-DRIVE



SCAN THE QR CODES TO WATCH TWO VIDEOS ON FLEX-DRIVE AND AUTO-SYNC FUNCTION

AUTO-SYNC



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MODELS AND FEATURES



MSE 408 Model

- Voltage: 24-48 VDC
- I_{NP} (Peak value): 4 A
- Sensor Feedback: ENCODER or OPEN LOOP



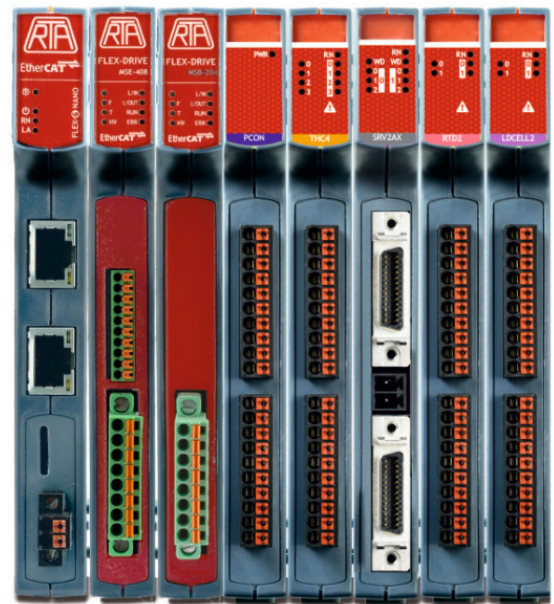
MSB 204 Model

- Voltage: 24-48 VDC
- I_{NP} (Peak value): 2.5 A
- Sensor Feedback: OPEN LOOP

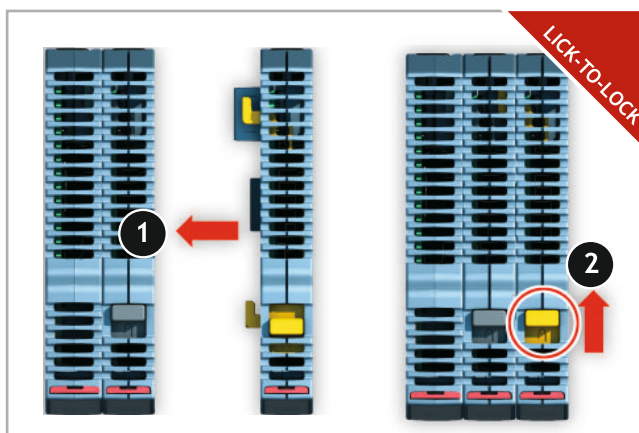
PERFECTLY FITTING THE FLEXSLICE ARCHITECTURE

- The Flex-Drive series is designed to fit into FLEXSLICE SYSTEM, the modular EtherCAT architecture by TRIO MOTION TECHNOLOGY
- The direct connection with FLEX-6-NANO or Flex Ethercat COUPLER creates a powerful multiaxis modular system, composed by Motion Controller, stepping motor drives, digital and analogue I/Os, all sharing same internal EBUS and logic power supply.

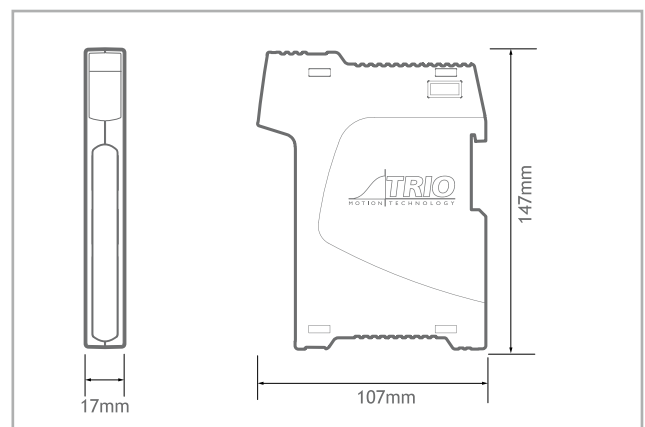
For FLEXSLICE System modules details, see page.....



FAST & EASY ASSEMBLY



MECHANICAL DIMENSIONS



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