

CSD ET Series Drives

EtherCAT®

INTRODUCTION

- New series of stepping motor drives with EtherCAT interface.
- Drives optimized for coupling with SANYO DENKI stepping motors, fitted with encoder.
- Compact system, developed to offer a wide variety of integrated functions and optimized for the most demanding motion control applications.

HIGHLIGHTS

- Communication by means of EtherCAT interface.
- Modes of operation: PROFILE POSITION and CSP.
- Full digital microstepping drive.
- Extremely compact size.
- A highly sophisticated operation system, preserving anyhow the traditional ease of use of R.T.A. drives.



**AUTO
SYNC**
FUNCTION

| Series | Model | V _{DC} range (Volt) | I nom. (Amp) | Dimensions (mm) |
|--------|-------|---------------------------------|-----------------|--------------------|
| CSD ET | 04 | 24 to 48 | 4.0 | 130x106x32 |

TECHNICAL FEATURES

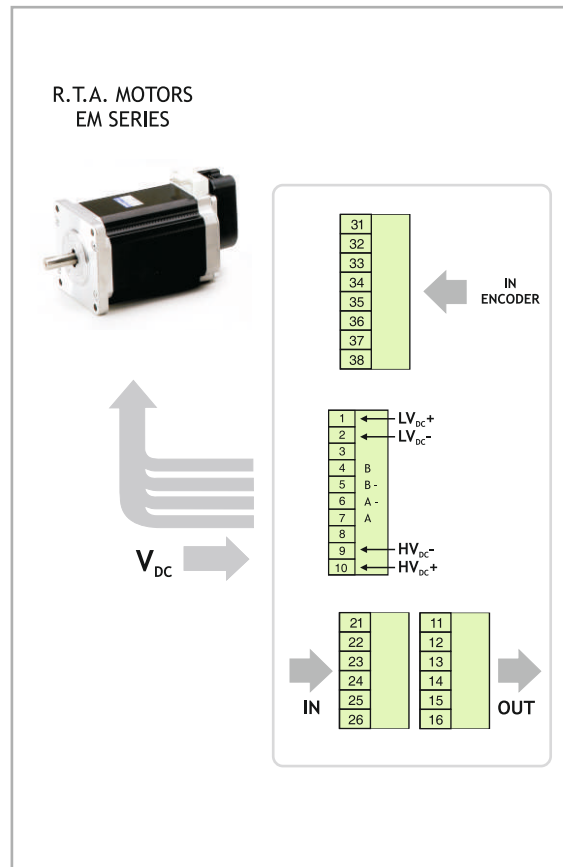
- Range of operating voltage: 24-48 V_{DC}.
- Protections:
 - Protection against under-voltage and over-voltage.
 - Protection against a short-circuit at motor outputs.
 - Overtemperature protection.
- Electronic damping facility for further acoustic noise and mechanic vibrations reduction.
- Available in boxed version with plug-in connectors. Maximum compactness.
- Optoinsulated auxiliary and programmable inputs and outputs.
- Warranty: 24 months.



SETTING BY MEANS OF EtherCAT[®] INTERFACE

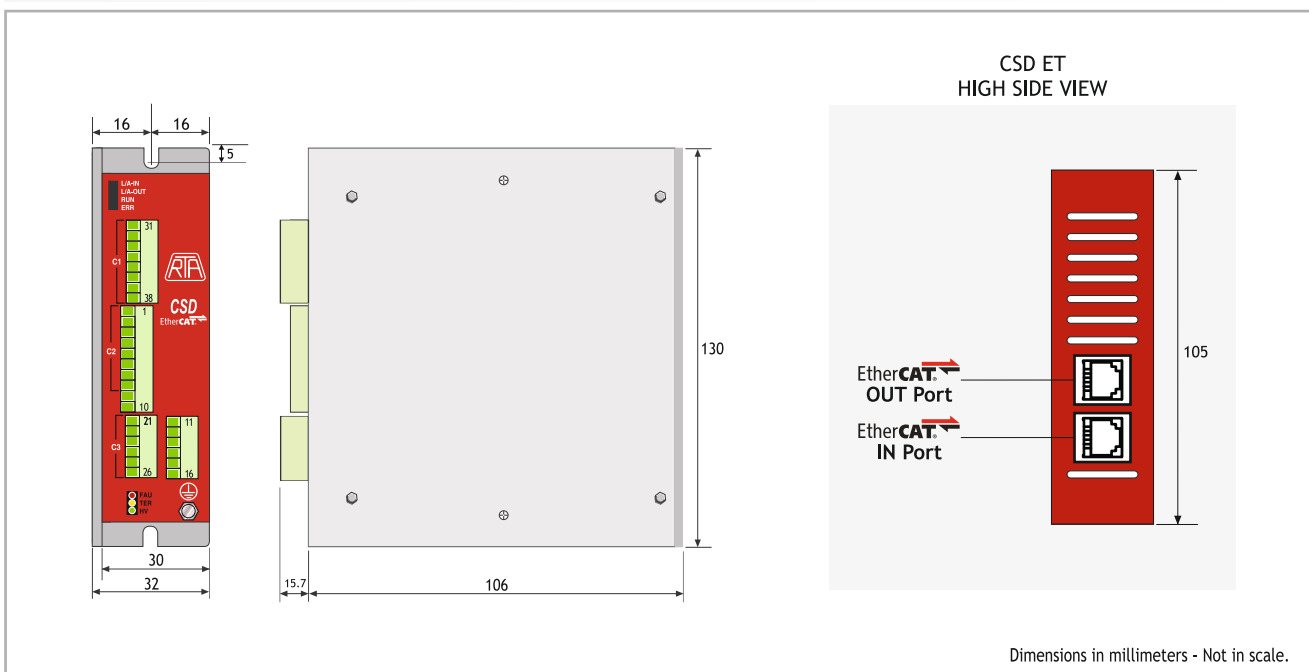
- Wide range of motor phase current setting.
- Motor current overboost.
- Intelligent management of the current profile.
- Communication by means of EtherCAT (CoE) interface.
- Modes of operation: PROFILE POSITION and CSP.
- Different variety of HOMING operation modes.
- Encoder feedback.

POWER AND LOGIC CONNECTIONS



EtherCAT[®]

MECHANICAL DIMENSIONS



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