

CSD ET Series Drives

EtherCAT®

3rd
FIRMWARE
GENERATION

INTRODUCTION

- New series of stepping motor drives with EtherCAT interface, now available with a 3rd generation firmware release (2021).
- Drives optimized for coupling with SANYO DENKI stepping motors, fitted with encoder, but also able to manage third party motors.
- Compact system, developed to offer a wide variety of integrated functions and optimized for the most demanding motion control applications.

MAIN EtherCAT® FEATURES

- Modes of operation: PP, PV, Homing, CSP and CSV.
- Wide range of motor phase current setting and motor current overboost.
- 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.
- 5 + 5 I/Os.
- UL recognized.



Please refer to download.rta.it
for technical specifications

Series	Model	V _{DC} range (Volt)	I nom. (Amp)	Digital In/Out	Dimensions (mm)
CSD ET	04	24 to 48	4.0	5/5	130x106x32

TECHNICAL FEATURES

- Range of operating voltage 24-48 VDC.
- 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 plastic boxed version with plug-in connectors.
- Maximum compactness.
- Optoinsulated auxiliary and programmable inputs and outputs.
- UL recognized.
- Warranty: 24 months.

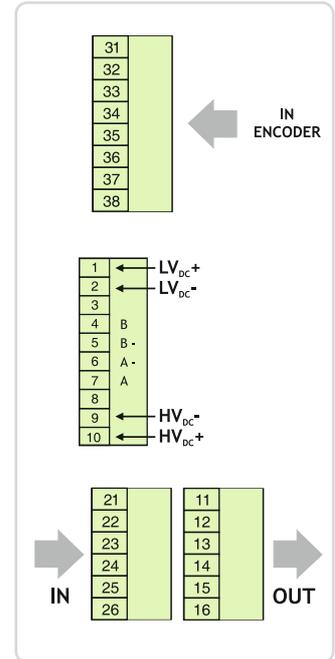
EtherCAT®



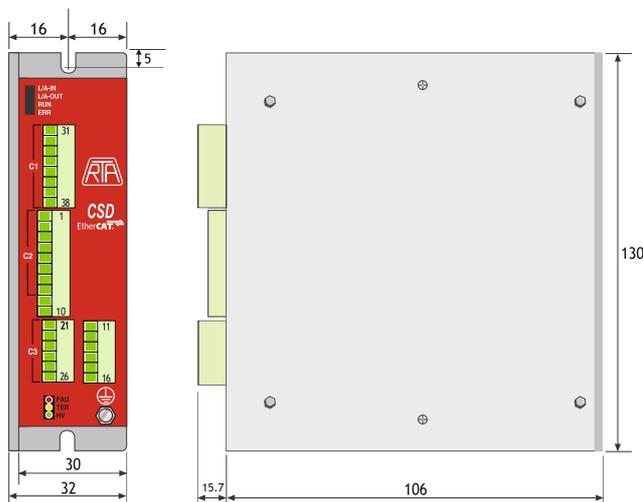
SCAN THE QR CODE TO
WATCH A VIDEO ON
AUTO-SYNC
FUNCTION

POWER AND LOGIC CONNECTIONS

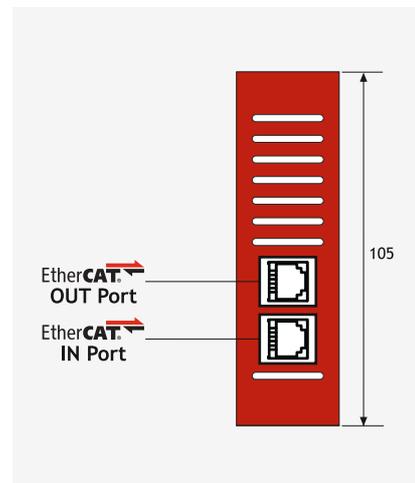
R.T.A. MOTORS
RH/EM SERIES



MECHANICAL DIMENSIONS



CSD ET
HIGH SIDE VIEW



Dimensions in millimeters - Not in scale.



R.T.A. s.r.l.
Via E. Mattei - Fraz- Divisa
27020 Marcignago (PV) (Italy)
T +39.0382.929.855
F +39.0382.929.150
www.rta.it

R.T.A. Deutschland GmbH
Bublitzter Strasse 34, 40599
Duesseldorf (Germany)
T +49.211.749.668.60
F +49.211.749.668.66
www.rta-deutschland.de

R.T.A. IBERICA
C/Generalitat 22, Local 1
08850 Gava - Barcelona (Spain)
T +34 936.388.805
F +34 936.334.595
www.rta-iberica.es

R.T.A. INDIA Pvt
Teerth Business Center 3rd Floor, Unit No. 7,
Block EL-15, MIDC Bhosari Pimpri-Chinchwad,
Pune 411026 (India)
Tel. +91 9422507445
www.rta-india.in