CSD ET 94 *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 (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.

■ 5 + 5 I/Os.

■ UL recognized.

Please refer to download.rta.it for technical specifications

cULus

AUTO SYNC FUNCTION

Series	Model	V_{DC} range	I nom.	Digital In/Out	Dimensions
		(Volt)	(Amp)		(mm)
CSD ET	94	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

WARRANTY **2** YEARS GARANZIA

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

AUTO SYNC FUNCTION

POWER AND LOGIC CONNECTIONS

R.T.A. MOTORS
RH/EM SERIES

V_{DC}

IN ENCODER

| 31 |
| 32 |
| 33 |
| 34 |
| 35 |
| 36 |
| 37 |
| 38 |

1	$LV_{DC}+$
2	$LV_{DC}-$
3	
4	B
5	B -
6	A -
7	A
8	
9	$HV_{DC}-$
10	$HV_{DC}+$

IN

| 21 |
| 22 |
| 23 |
| 24 |
| 25 |
| 26 |

| 11 |
| 12 |
| 13 |
| 14 |
| 15 |
| 16 |

OUT
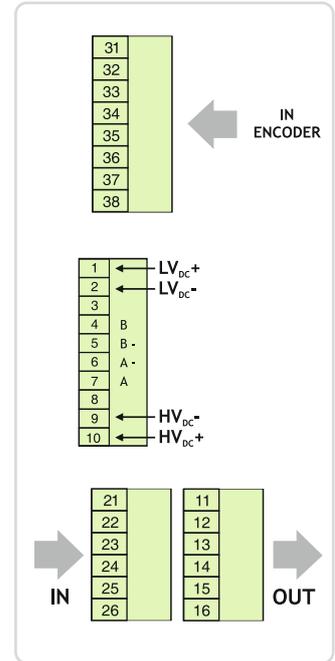
MECHANICAL DIMENSIONS

CSD ET
HIGH SIDE VIEW

16 16 5

L/A-IN
L/A-OUT
RUN
ERR

31
C1
38

CSD
EtherCAT

1
C2
10

21 11
C3
26 16

FAU
TEM
HV

130

30
32

15.7 106

EtherCAT
OUT Port

EtherCAT
IN Port

105
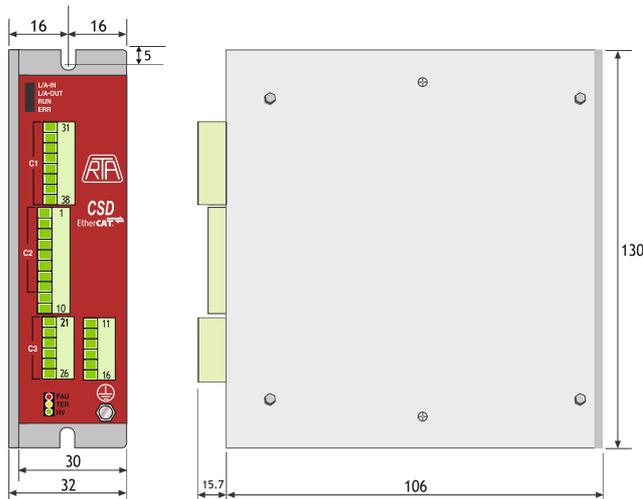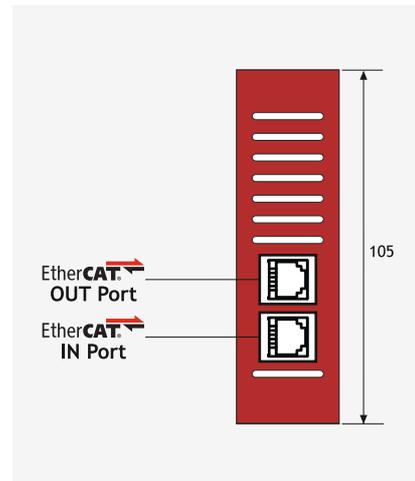
Dimensions in millimeters - Not in scale.