

# CSD MT 94 Series Drives



## INTRODUCTION

- New series of stepping motor drives with Modbus interface, now available with a 3<sup>rd</sup> 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 FEATURES

- Modes of operation: PP, PV, Homing.
- 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](https://download.rta.it) for technical specifications

Series	Model	V <sub>dc</sub> range (Volt)	I nom. (Amp)	Digital In/Out	Dimensions (mm)
CSD MT	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.
- Maximum compactness.
- Optoinsulated auxiliary and programmable inputs and outputs.
- UL recognized.
- Warranty: 24 months.

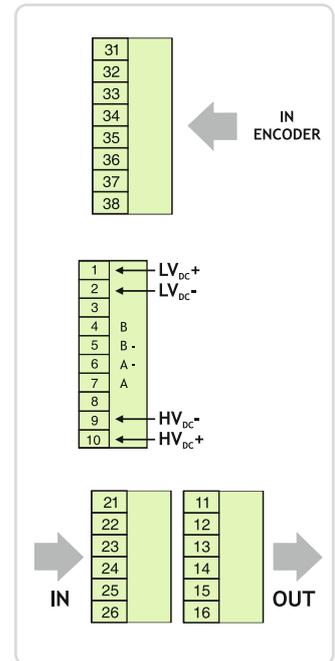


SCAN THE QR CODE TO WATCH A VIDEO ON THE AUTO-SYNC FUNCTION

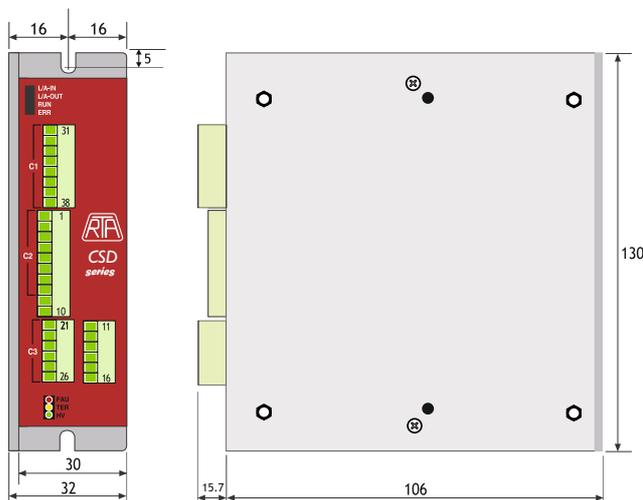


## POWER AND LOGIC CONNECTIONS

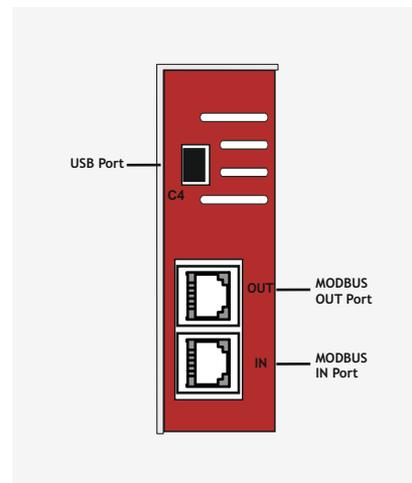
R.T.A. MOTORS  
RH/EM SERIES



## MECHANICAL DIMENSIONS



CSD MT  
HIGH SIDE VIEW



Dimensions in millimeters - Not in scale.



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