

## 48 VDC SERVOAMPLIFIERS

R Advanced series - 48VDC EtherCAT<sup>®</sup> servo drive with STO

**FIVE DIGIT DISPLAY:** it allows to monitor amplifier and EtherCAT<sup>®</sup> Network.

**Rs232 PC INTERFACE:** set up and monitor by SanMotion Motor Setup

**I/O CONNECTOR:** 6 inputs and 2 outputs user configurable.

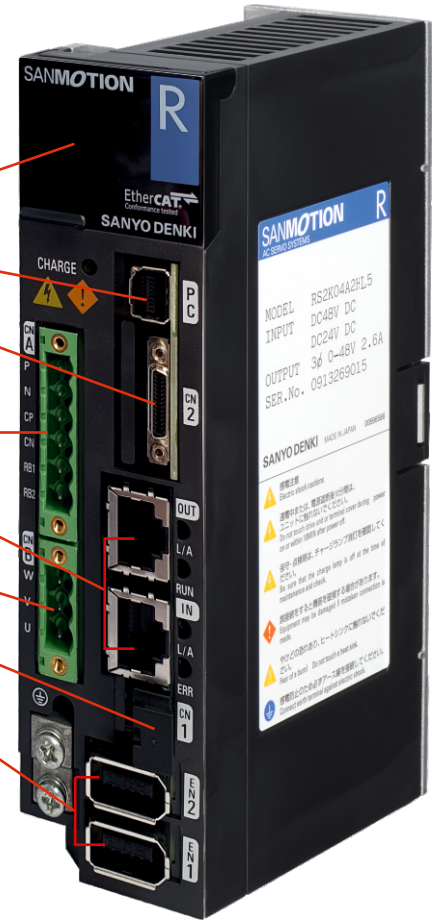
**INPUT POWER SUPPLY CONNECTORS:** two separated power supplies. One for the control board (24VDC), and one for the power stage (48VDC). Built in protection against overload and input overvoltage.

**EtherCAT<sup>®</sup> INTERFACE CONNECTORS:** RJ45

**MOTOR POWER CONNECTORS**

**SAFE TORQUE OFF - SIL2 CONNECTOR**

**ENCODER CONNECTORS** - Second encoder for external linear scale to avoid backlash.



Dimensions:  
mm 40x160x85  
Model: RS2K04A2HL5



### MAIN FEATURES

- Amplifier capacity: 40A
- Mode of Operation: Homing Mode, Profile Velocity Mode, Profile Position Mode, Profile Torque Mode, Cycle Sync Position Mode, Cycle Sync Velocity Mode, Cycle Sync Torque Mode.
- Speed frequency response of 800 Hz
- EtherCAT cycle time: up to 125 microsec
- External Regenerative Resistor (optional)
- Built-In Dynamic Brake
- Safe Torque Off(STO) Function: SIL2, IEC62061 : SILCL2, ISO 13894-1 Cat3 : PL=d
- RS2K04A2HL5 amplifier covers motors from 20W to 200W

TECHNICAL DATA	EtherCAT control
<b>MODEL</b>	<b>RS2K04A2HL5</b>
MAX CURRENT	40 A
MOTOR OUTPUT STAGE	IGBT, PWM control, sinusoidal current
POWER SUPPLY VOLTAGE	48 VDC (± 10%)
LOGIC SUPPLY VOLTAGE	24 VDC (± 10%)
DIMENSIONS (mm)	40x160x85
MASS (kg)	0.50 Kg

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