

48 VDC SERVOAMPLIFIERS

R Advanced series - 48VDC 4 AXIS EtherCAT servo drive with STO

**1 DRIVE
4 MOTORS**

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

LED DISPLAY STATUS MONITOR: it allows to monitor the status of the amplifier.

EXTERNAL REGENERATIVE RESISTOR (Optional)

I/O CONNECTORS: 8 Inputs + 8 Outputs user configurable.

ENCODER CONNECTORS

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

SAFE TORQUE OFF - SIL3 CONNECTOR



EtherCAT INTERFACE CONNECTORS: RJ45

MOTOR POWER CONNECTORS



Dimensions:
mm 50x200x130
Model: RF2K24A0HL5



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)
- Safe Torque Off(STO) Function: SIL3/IEC61508. PL=e/ISO 13894-1
- RF2K24A0HL5 amplifier covers motors up to 300W (4 axes)

TECHNICAL DATA	EtherCAT control
MODEL	RF2K24A0HL5
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)	50x200x130
MASS (kg)	0 8 Kg

SANMOTION
AC SERVO SYSTEMS

ADVANCED
MODEL

SIL3
SAFE TORQUE
OFF (STO)

48
VDC

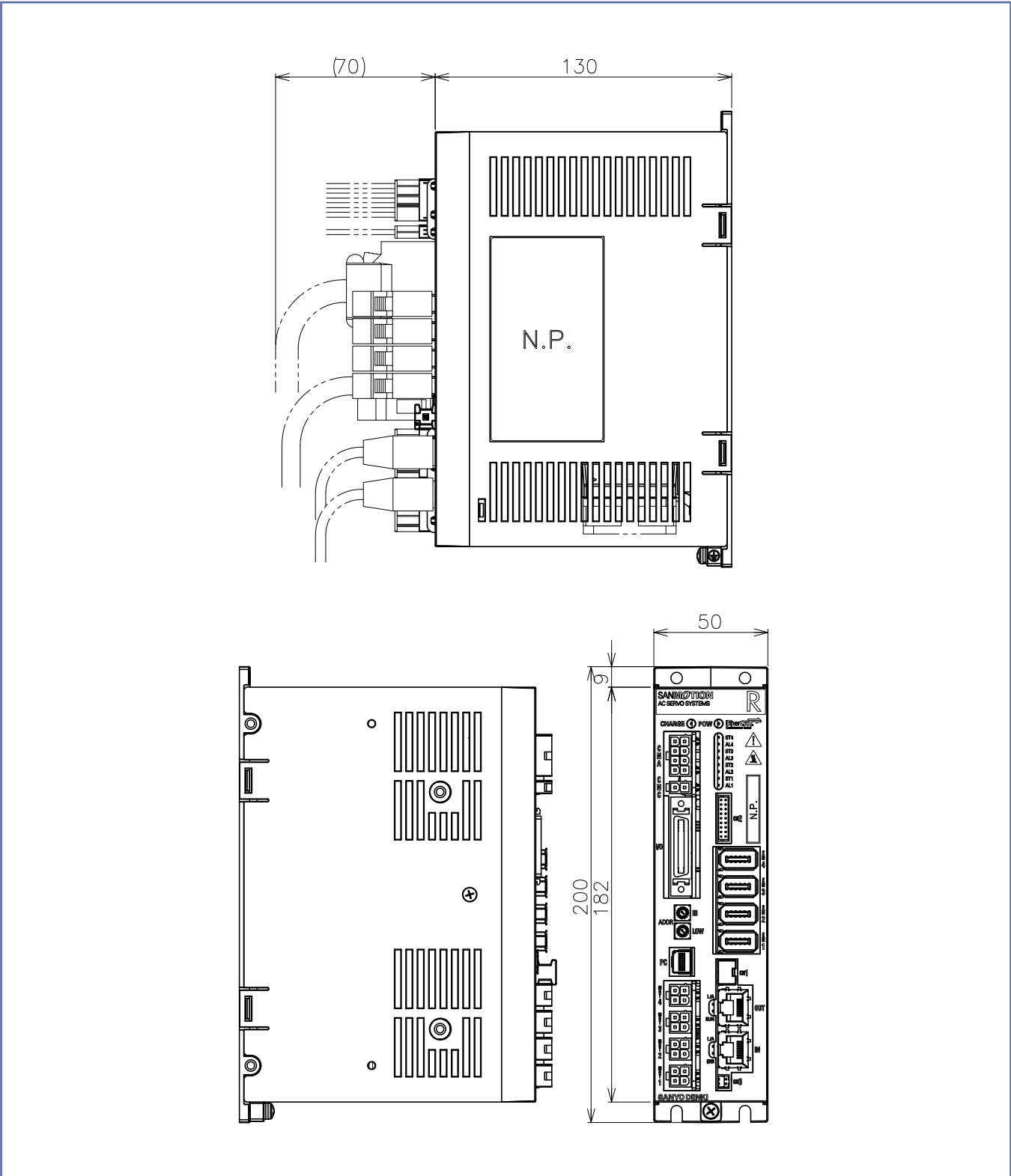
4 AXIS
SYSTEM

EtherCAT®

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4 MOTORS

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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-Chinchwd,
Pune 411026 (India)
Tel. +91 9422507445
www.rta-india.in