

SANMOTION
AC SERVO SYSTEMS **RS3**

230
VAC

PULSE TRAIN
ANALOG INPUT

ULTRA
COMPACT
SIZE

3rd
GENERATION!

230 VAC SERVOAMPLIFIERS

RS3 SERIES AC SERVOAMPLIFIERS - TRADITIONAL INTERFACE

FIVE DIGIT DISPLAY AND OPERATION KEY: It allows to view and modify parameters and monitor in real time the behavior of the system.

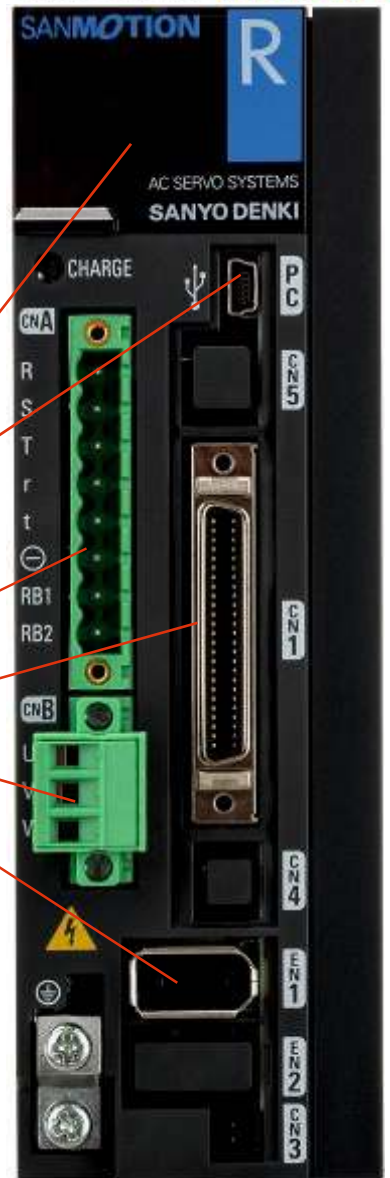
PC CONNECTOR: The amplifier can be set and monitored by means of Personal Computer USB interface.

POWER CONNECTOR: 230VAC, single-phase or three-phase (configurable by user). Power sections kept separated for logic/signal and power electronics. Built-in protection circuits against overload and input overvoltage.
External regenerative resistor (optional).

I/O CONNECTOR: Control pulse train (clock + direction; forward + backward pulse; 90° phase shift) or analog signal (proportional to speed or torque). 8 inputs and 8 outputs.

MOTOR POWER CONNECTOR

ENCODER CONNECTOR



Dimensions:
(50x160x130)



RS3A03A0AL0W00

MAIN FEATURES OF THE 3rd GENERATION

- Speed frequency response of 2.2 kHz [3.3 times that of previous RS1 models!]
- One single size covers 100W, 200W, 400W, 750W, 1000W, 1500W motors
- CN1 connector wiring fully compatible with previous RS1 models
- Sanmotion Motor Setup allows multitasking system settings

TECHNICAL DATA	Position, Velocity, Torque Control Mode Switching available
MODEL	RS3A03A0AL0W00
MAX CURRENT	30 Amp
MOTOR OUTPUT STAGE	IGBT, PWM control, sinusoidal current
POWER SUPPLY VOLTAGE	Single-phase or three-phase (configurable by the user) 200 VAC to 230 VAC (+10%, -15%) 50/60 Hz (± 3 Hz)
LOGIC SUPPLY VOLTAGE	Single-phase from 200 VAC to 230 VAC (+10%, -15%) 50/60 Hz (± 3 Hz)
DIMENSIONS (mm)	50x160x130
MASS (kg)	0.8

SANMOTION
AC SERVO SYSTEMS **RS3**

230
VAC

SIL3
SAFE TORQUE
OFF (STO)

**PULSE TRAIN
ANALOG INPUT**

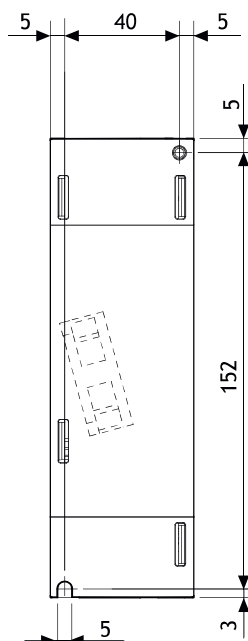
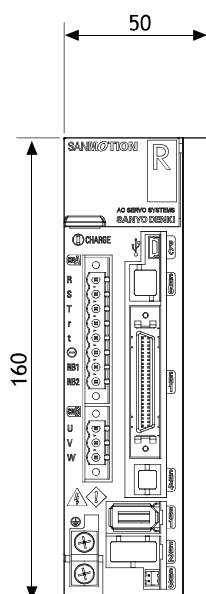
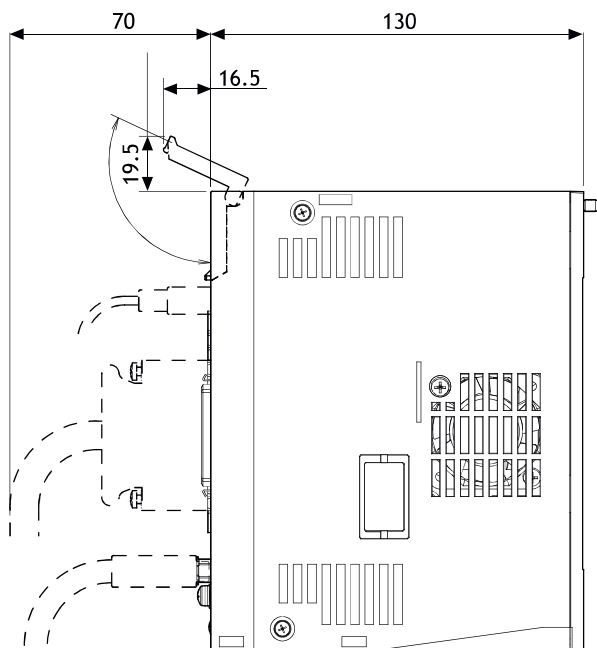
**ULTRA
COMPACT
SIZE**

DISAI
Automatic Systems

T-962 448 450 www.disai.net

“RS3A” SERIES AC SERVOAMPLIFIERS: PULSE TRAIN AND ANALOG INPUT VERSION OUTLINE DRAWINGS

RS3A03A0AL0W00



Dimensions mm.