



GENERAL DESCRIPTION

Revo S has been specifically designed to save space and labour

- These simple units can be connected with REVO PC to manage multizone system this minimize your energy cost by controlling synchronization and power limit on each zone
- Integrated fuse + fuse holder option is necessary to have a complete power control zone including current transformer and optional circuit board
- Flat Cable Wiring System (option) to connect in plug in mode many Revo S when HB alarm or analog input are used
- Input signal: SSR, Analog input is available as an option possible with Fuse Holder
- Zero Crossing, Burst Firing available at 4, 8 or 16 Cycles at 50% of Power demand using analogue input option
- Electronic fully isolated from power with constant current drain on input.
- Heater Break alarm option to diagnose partial or total load failure and Thyristor Short circuit
- Fuse and Fuse holder are available as an option
- Current transformer integrated (with Heater Break option)
- Comply with EMC
- Side by side mounting
- IP20 Protection

TECHNICAL SPECIFICATION

Voltage power supply 24V minimum up to 480V, 600V On request

Voltage Frequency 50 or 60 Hz no setting needed from 47 to 70 Hz

Nominal Current 62 - 74 - 90A (see graph page 2)

Input Signal	SSR for REVO S, No Fuse,	5:30Vdc	9mA Max (On ≥ 5Vdc Off ≤ 4Vdc);
	SSR for REVO S, Fuse + Fuse Holder	7:30Vdc	9mA Max (On ≥ 7Vdc Off ≤ 6Vdc);
	SSR for REVO S, Fuse + Fuse Holder,+ HB	4:30Vdc	5mA Max (On ≥ 4Vdc Off ≤ 1Vdc);
	Voltage input	0:10Vdc	impedance 15 K ohm;
	Current input	0:20/4:20mA	impedance 100 Ohm;

Firing Zero Crossing, Burst Firing with analog input signal only, random

Auxiliary Voltage Supply 12:24V dc/ac (max 70 mA) required only with HB Alarm or Analog Input Option

Heater Break Alarm Microprocessor based with automatic setting via Digital Input; Relay Output 0,5A at 110V

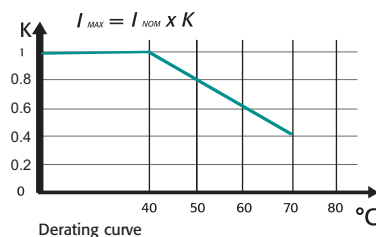
Mounting Side by side mounting

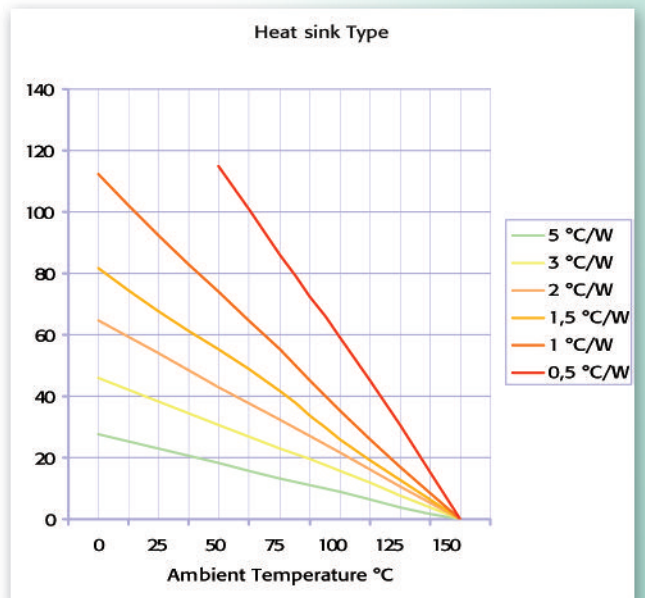
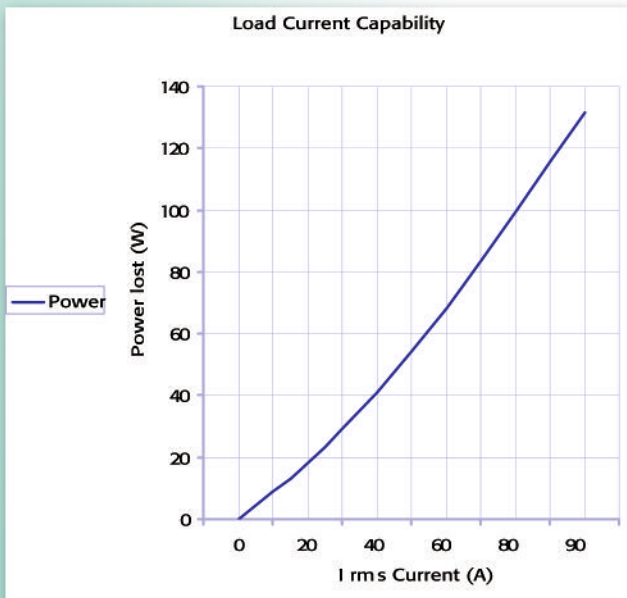
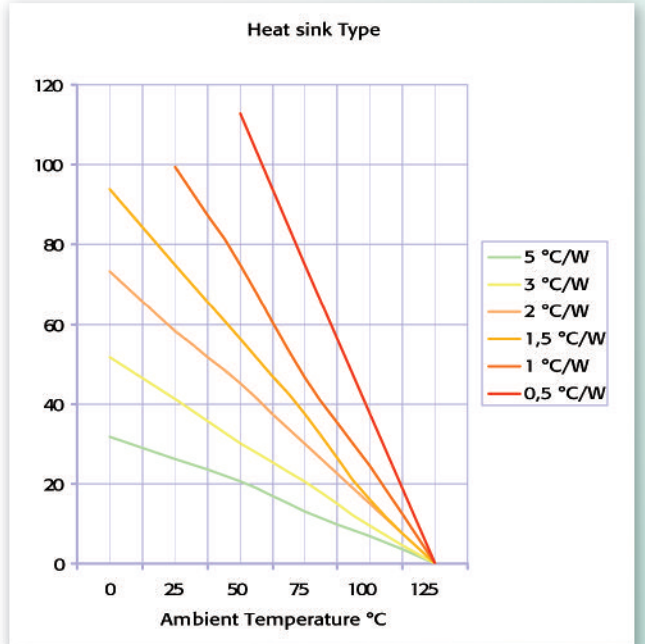
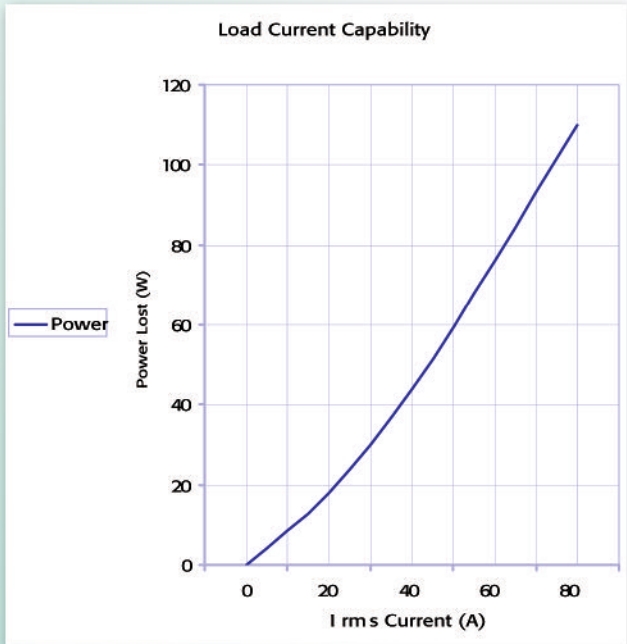
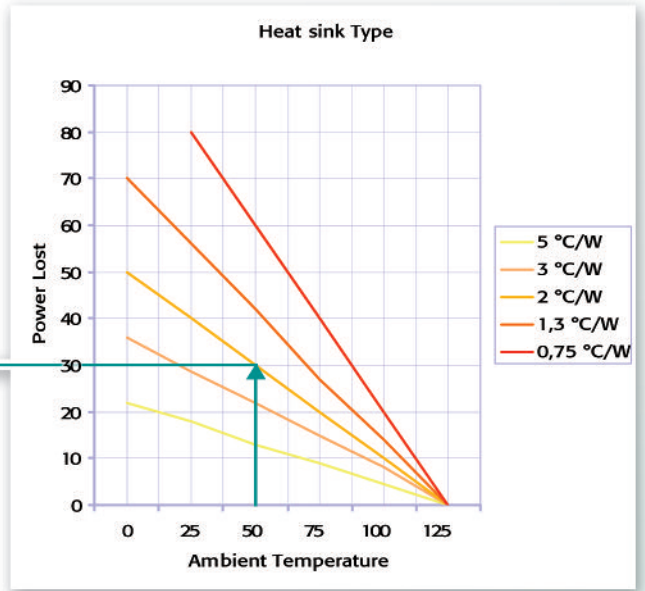
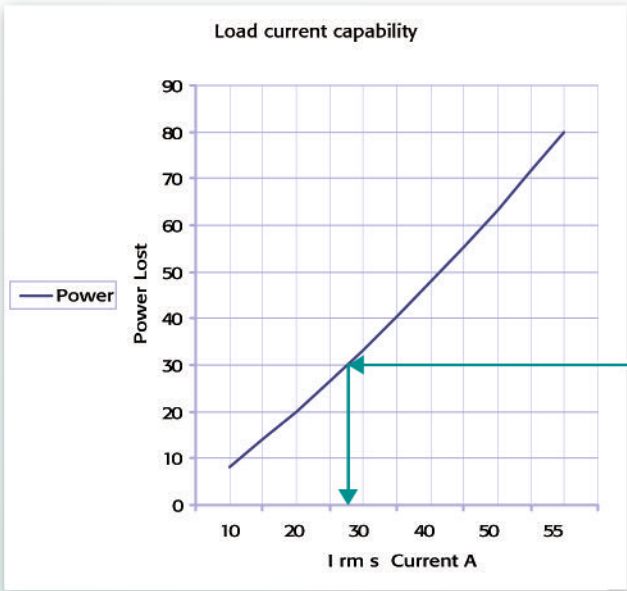
Operating Temperature 40 °C without derating. Over this temperature see below derating curve

Storage temperature -25 °C to 70 °C Max

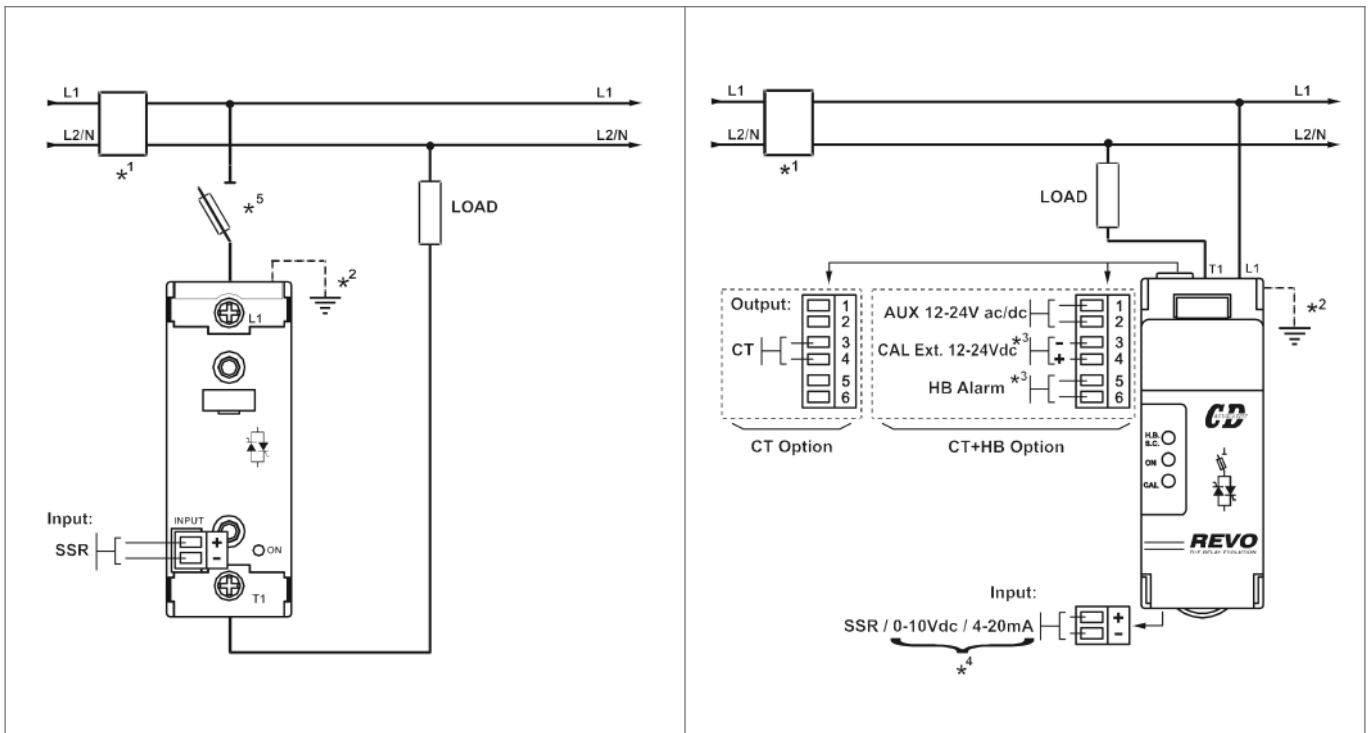
Altitude Over 1000 m of altitude reduce the nominal current of 2% for each 100m

Humidity From 5 to 95% without condense and ice





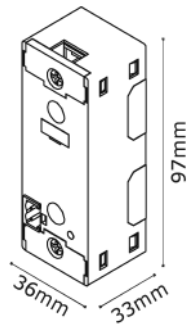
WIRING CONNECTION REVO SSR



NOTE

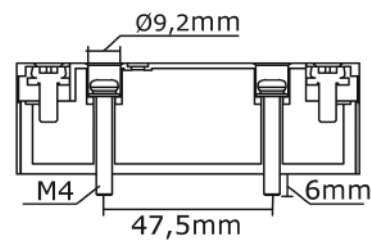
- (1) • A suitable device must ensure that the unit can be electrically isolated from the supply, this allows the qualified people to work in safety.
- (2) • The heat-sink must be connected to the earth.
- (3) • Only for the HB option
- (4) • Only for the Analog Input option.
- (5) • Use the extrarapid fuse with low I²t.

DIMENSION AND FIXING HOLES

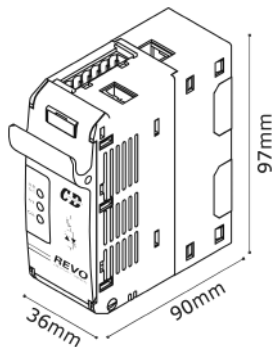


SR3 W 36mm. - H 97 mm. - D 32 mm. - kg. 0,12

REVO SSR 62 - 74 - 90A

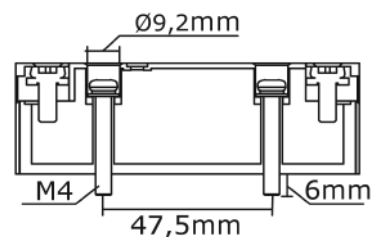


REVO SSR 62 - 74 - 90A



SR6 W 36mm. - H 97 mm. - D 90 mm. - kg. 0,29

REVO SSR with Fuse 62 - 74 - 90A



REVO SSR with Fuse 62 - 74 - 90A

