



## 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

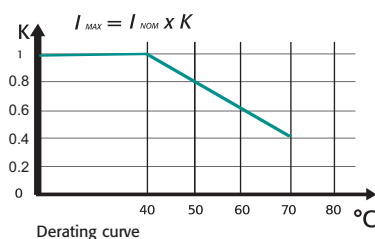
**Mounting** Side by side mounting

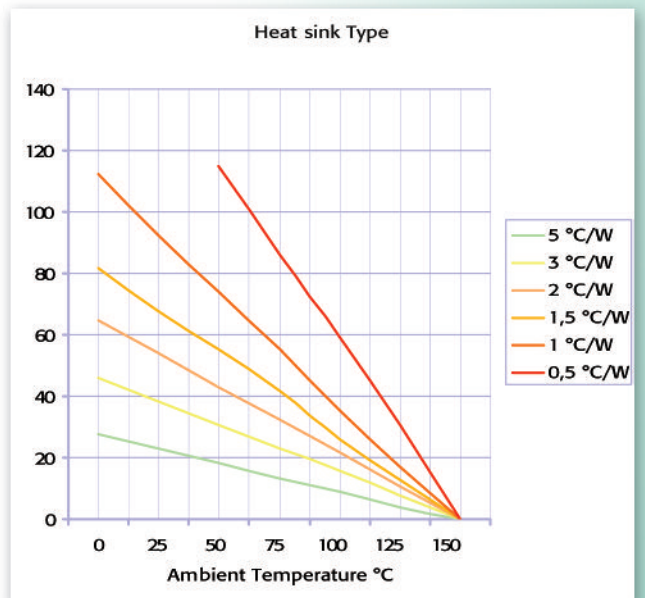
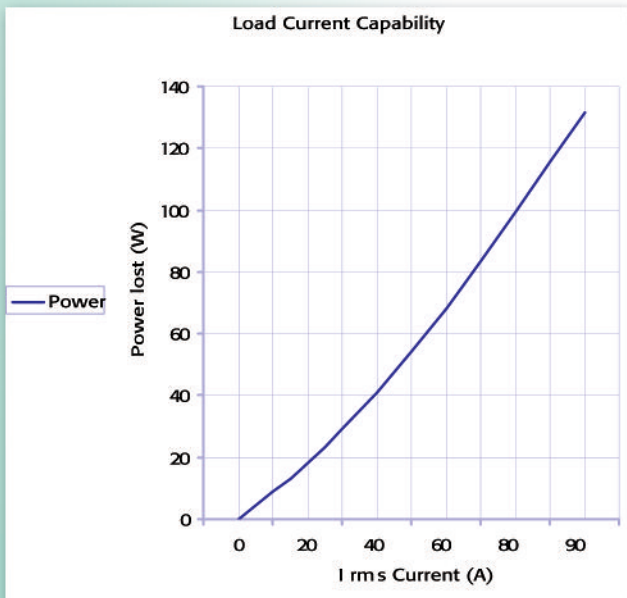
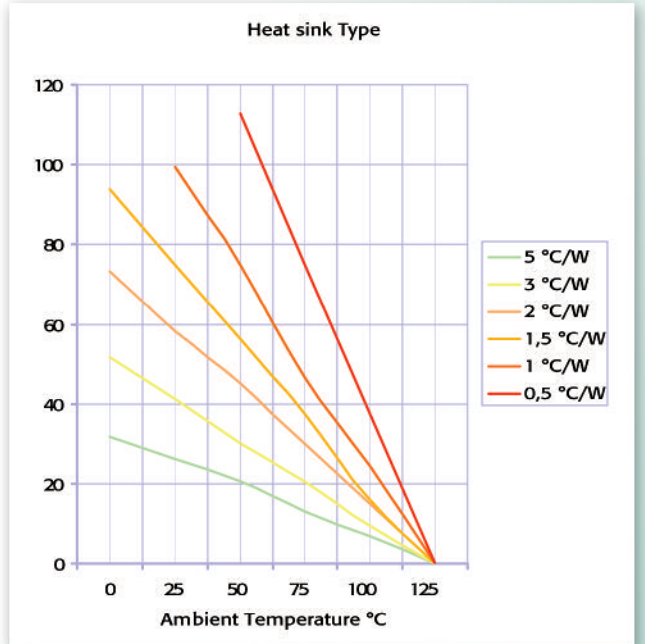
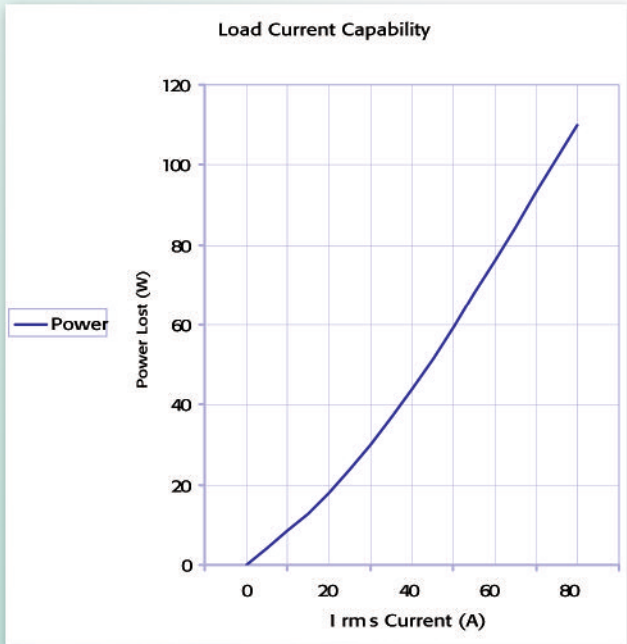
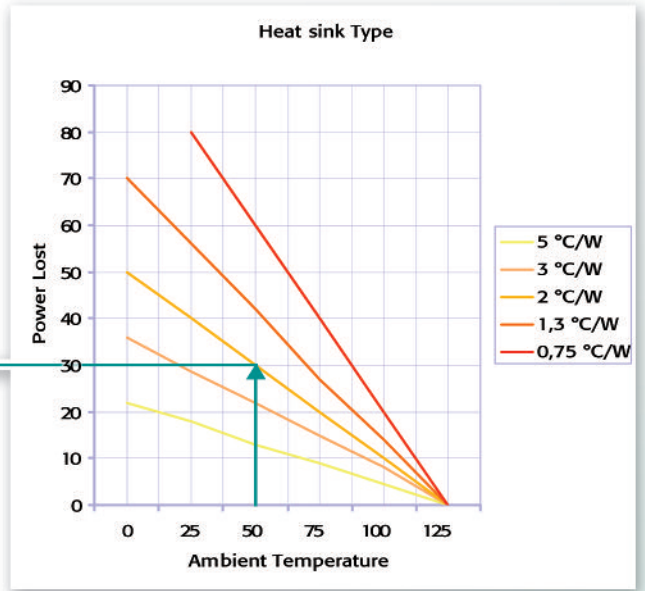
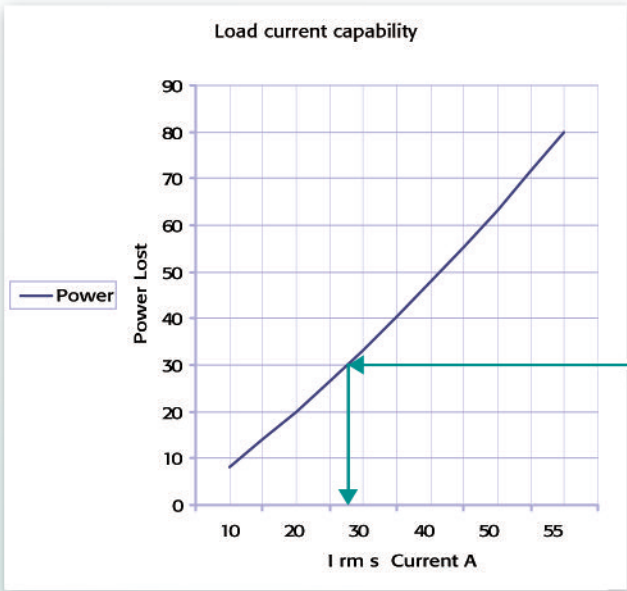
**Operating Temperature** 40 °C without derating. Over this temperature see below derating curve

**Storage temperature** -25 °C to 70 °C Max

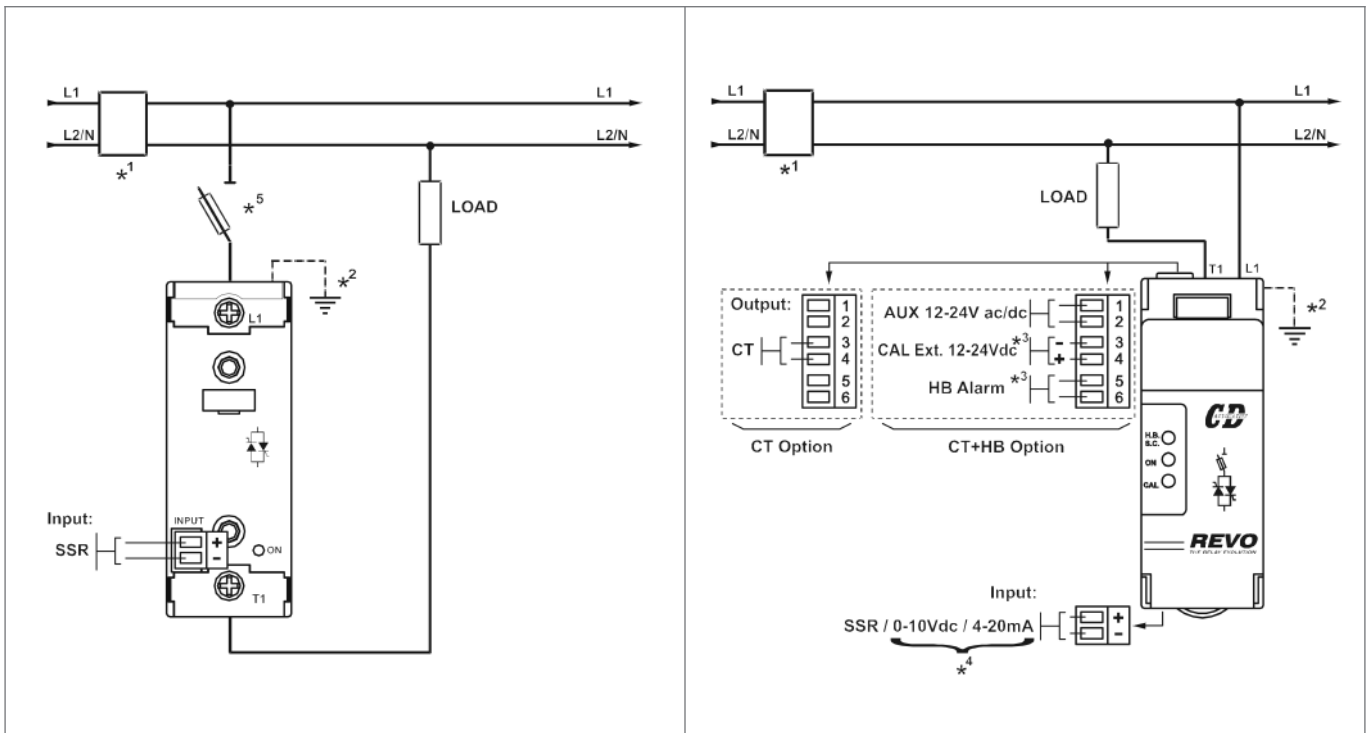
**Altitude** Over 1000 m of altitude reduce the nominal current of 2% for each 100m

**Humidity** From 5 to 95% without condense and ice





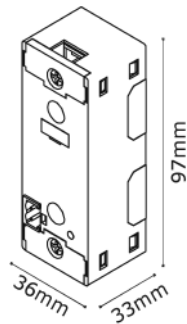
## WIRING CONNECTION REVO SSR



### NOTE

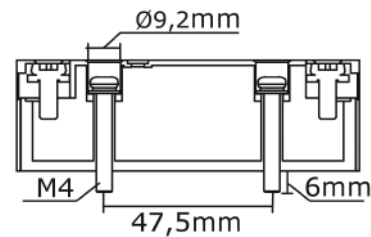
- (1) • A suitable device must ensure that the unit can be electrically isolated from the supply, this allows the qualified people to work in safety.
- (2) • The heat-sink must be connected to the earth.
- (3) • Only for the HB option
- (4) • Only for the Analog Input option.
- (5) • Use the extrarapid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

## DIMENSION AND FIXING HOLES

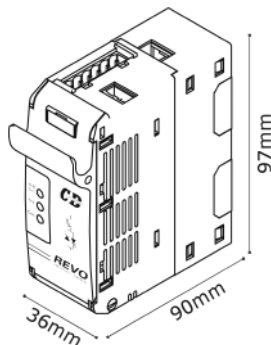


**SR3** W 36mm. - H 97 mm. - D 32 mm. - kg. 0,12

**REVO SSR 62 - 74 - 90A**

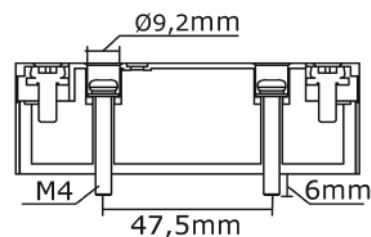


**REVO SSR 62 - 74 - 90A**



**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**

