

General

SSR-09 and SSR-19 are being used to control generally as iron and steam boilers.

Usage of Device and Working Principle

SSR-19 differs from SSR-09 as it has tank control edges. SSR-09 and SSR-19 should be connected as shown. Please connect the mutual electrode edges. Do not connect neutral. Otherwise if there is a residual-current device it can get activated.

When the system is energized then the level of water in the tank is higher than electrode device turns the motor on. Motor starts and tank begins to be full filled. If the level of the water is below than resistance electrode it makes the lamp of "NO WATER" on. If the level of the water in the tank is higher than resistance electrode device turns the resistance on and liquid in the tank starts to get evaporated. When the Level of the water comes back to level of tank electrode device commands to motor to stop.

In case of situation when the level of the water gets lower than tank electrode if there is a water in tank device commands to motor to start again and make the water to be transferred into evaporation tank. If there is NO water in the tank, motor does not work and it evaporates until the water level gets under the level of resistance electrode.

Maintenance

Switch off the device and release from connections. Clean the trunk of device with a swab. Don't use any conductor or chemical might damage the device. Make sure device works after cleaning.

Warnings

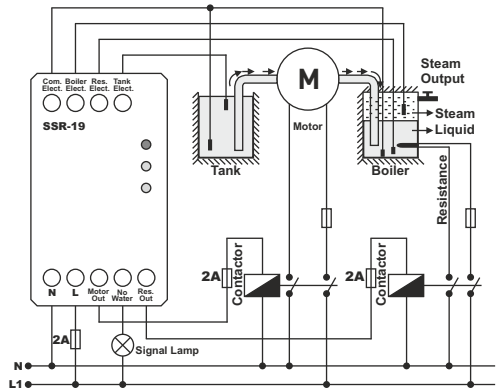
Please use the device according to the manual. Don't use the device in wet. Put a switch and circuit breaker in the assembly. Put the switch and circuit breaker nearby the device, operator can reach easily. Mark the switch and circuit breaker as releasing connection for device.

Make sure that the liquid is not flammable or explosive.

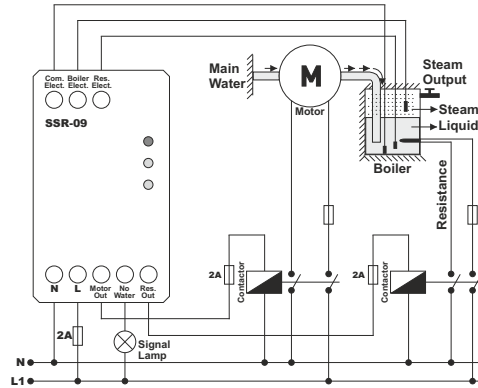
Technical Specifications:

Operating Voltage(Un)....	170 - 260V AC
Operating Frequency.....	50/60 Hz.
Operating Power.....	<6VA
Operating Temperature..	-20°C.....+55°C
Display.....	3 x led
Connection Type.....	Terminal connection
Contact.....	5A/250V AC (Resistive Load)
Sensitivity	<50KΩ
Cable Diameter.....	2,5mm ²
Weight.....	150gr.
Mounting.....	Vertical assembled in the panel or assembled on the din rail.
Operating Altitude.....	<2000meter

Connection Diagram for SSR-19



Connection Diagram for SSR-09



Dimensions

