

SA10 Rain Sensors

SA10 rain sensors are designed to detect rain and rainfall. The units are unique in providing both relay contact for connection to BMS and a 0..10V signal proportional to the rainfall.

The unit has built-in heaters for cold weather conditions, is compact in design and uses robust composite element for rain detection.

The sensor are supplied will wall bracket/pole mounting hook for installation to a suitable position to detect the rainfall.

Features

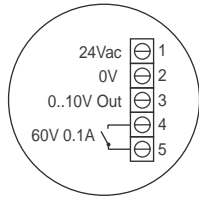
- 24Vac/dc Power Supply
- On/Off Rain Contact
- Proportional 0..10Vdc Signal Output corresponding to the Rainfall
- Wall Mounting
- Pole Mounting up to 60mm



Model Type	Model	Description
	SA10	Rain Detection Sensor, 24Vac Power Supply
Technical Data	Power Supply	24Vac/dc, max. 2VA
	Output Relay	60V SPST 0.1A (normally open) The relay contact closes when 0..10Vdc output > 1V (10%)
	Rainfall Output	0..10Vdc Proportional to Rainfall approx 10% - light rain approx 20% - heavy rain > 20% very heavy rain
	Ambient Temp	-40..+50°C
	Heater	Built-In
	Mounting	Wall Mounting or Pole Mounting (supplied with a bracket) Max. Pole Diameter 60mm
	Wall Mounting Dimensions	Hole Distance 68mm W93 x H90x D130mm (when wall or pole mounted)

Wiring Diagram

The diagram below illustrates the wiring details for the SA10 sensor.



Dimensions

SA10 DIMENSIONS

