

Model 2007 Conductivity Switch

- Designed and manufactured in South Africa.
- 1 year warranty.
- AC Signal on the probes.
- 11-pin plug in

This conductivity switch is a low cost switch for use in applications where the temperature of the solution remains constant to within a few degrees. The unit was designed in South Africa using high quality components which in turn makes it highly reliable with good accuracy and repeatability.

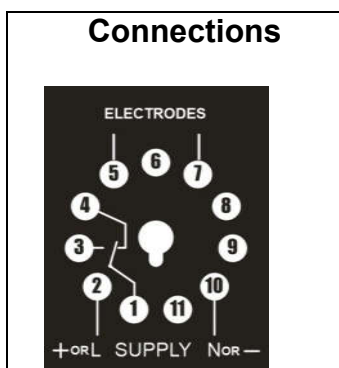
A low voltage sine wave signal is applied across the two electrodes in the solution and the conductivity is compared with an adjustable set point on the front of the module.

When the conductivity of the solution exceeds the set point the relay energises. The relay will de-energise when the conductivity falls $\pm 10\%$ below the set point.

The model 2007 can be factory calibrated to work with most standard electrodes. Setting is usually performed using a reference solution with a conductivity that is equal to the required set point.



Connections



SPECIFICATIONS

POWER SUPPLY Options	110V AC 230V AC
RELAY RATING	10A 250V 2500VA 10A 30V DC
POWER CONSUMPTION	3VA approx
BASIC ACCURACY	$\pm 0.5\%$ Typical
TEMPERATURE LIMITS	-5/+60°C
HUMIDITY LIMITS	0-90% RH non condensing
ELECTRODE CELL CONSTANT	To customer order
RANGE	500 ~ 5000 μ S approximately or to customer order.

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