

Electronic Units

S90 & S90PT

FULLY SOLID STATE



These solid state controls employ state of the art light sensing and Triac drive that has the ability to handle high inrush currents. The optically coupled zero crossing Triac driver provides a 7,500V blocking between the Triac gate and control circuit. The **filtered silicon sensor**, which closely matches The CIE photopic response, is noted for its drift free performance and accuracy.

TECHNICAL SPECIFICATION FOR S90

Sensor	Filtered Silicone Photo Diode
Output	Triac
Switching Differential Voltage	1:0.5 Negative
Maximum Lamp Load	200/260V 50Hz
Maximum Tungsten Load	2 X 250 HPS 60 μ F PFC
Power Consumption	2000 Watts
Operating Temperature	0.3W (continuous)
Ingress Protection	-20°C to +80°C
Guarantee	IP65
	3 Year

TECHNICAL SPECIFICATION FOR S90PT

Sensor	Filtered Silicone Photo Diode
Output	Triac
Switching Differential Voltage	1:0.5 Negative
Maximum Lamp Load	200/260V 50Hz
Maximum Tungsten Load	2 X 250 HPS 60 μ F PFC
Power Consumption	2000 Watts
Operating Temperature	0.3W (continuous)
Ingress Protection	-20°C to +80°C
Guarantee	IP67
	6 Year

The S90 and S90PT fits the standard NEMA socket, whilst the S90C and the S90PTC has a 20mm conduit thread fixing and 300mm leads

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Certified to

EMC Emission to EN 50081-1
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