

SS12A / SS12HT / SS12HD / SS12R

SS12A



SS12HT

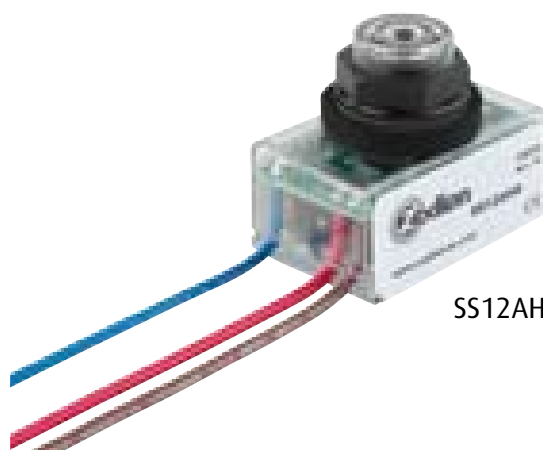


SS12A / SS12HT / SS12HD / SS12R

This range of highly effective miniature photocells includes a special lens arrangement developed to maximise acceptance angle, improving accuracy and consistency of switching. The range uses superior quality components throughout, and includes a predictive load transfer switching algorithm to minimise switching stresses.

The range includes heavy-duty switching versions and units designed for long-life or operation at high temperatures.

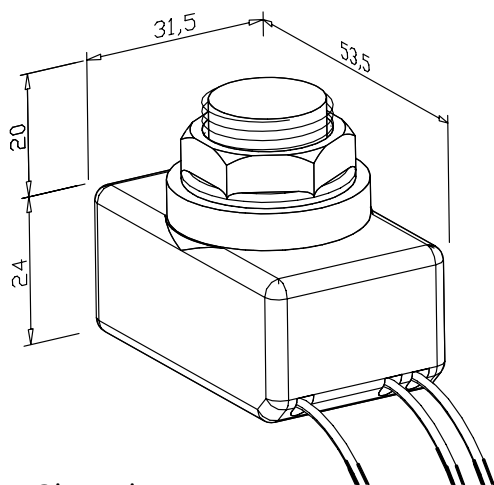
SS12AHD



SS12A / SS12HT / SS12HD / SS12R

specification

Model	SS12A	SS12A-R	SS12-HT	SS12HD
Type	Miniature	Miniature Remote Sensor	Miniature High Temperature	Miniature Heavy Duty
Electronic Solid State				
Electronic EM Relay Load Switching	✓	✓	✓	✓
Supply Voltage 50/60Hz AC	198-264	198-264	198-264	198-264
70 Lux Switch-On Level	✓	✓	✓	✓
55 Lux Option	✓	✓	✓	
35 Lux Option	✓		✓	
Switching Differential				
	1:0.5 NEG	1:0.5 NEG	1:0.5 NEG	1:0.5 NEG
Maximum total load for discharge lighting (eg. HPS, MH) (watts)	500	500	500	1200
Maximum total load for incandescent lighting (watts) / Maximum VA	1200	1200	1200	2400
Switching Delay In Seconds	10-30	10-30	10-30	10
Polycarbonate Enclosure (UV Stabilised)	✓	✓	✓	✓
Power Consumption (watts)	<0.25	<0.25	<0.25	<0.25
Sensor Type	BG Glass Filtered Photodiode	BG Glass Filtered Photodiode	BG Glass Filtered Photodiode	Photo IC
Sensor Drift	Negligible	Negligible	Negligible	Negligible
Fixing hole diameter	20mm	20mm	20mm	20mm
Max Operating Ambient Temp Range (°C)	-20/+75	-20/+75	-15/+105	-20/+75
IP Rating Installed	IP65	IP65	IP65	IP65
VDR Voltage Suppression	✓	✓	✓	✓
Additional Features	Predictive Transfer	Predictive Transfer	High Temperature Operation Predictive Transfer	Heavy Duty Operation Predictive Transfer



Dimensions



SS12A-R