

## PHOTOELECTRIC SMOKE DETECTORS

## S-AW-CDS311



AW-CSD311 is photo-electronic detector using a state-of-the-art optical sensing chamber. This detector is designed to provide open area protection and to be used with most conventional fire alarm control panel.

## Product Features

1. Strong Adaptability For Circumstance
2. SMT Design, High Stability
3. 40-60vdc Wide Voltage Operating Range
4. Low Standby Current
5. Power Supply Non-Polarized input
6. Twin Led For 360 Visual
7. Flashing Led Power Indicator
8. Remote Led Indicator Output(2-Wire)
9. Metal Shield. Anti-Electromagnetic Interference

## Technical parameters

Operating Voltage Range	9 to 28 VDC Volts Non-polarized
Standby Current	$\leq 120\mu\text{A}@24\text{VDC}$
Maximum Alarm Current (LED on)	$\leq 15\text{mA}@24\text{VDC}$ (1K Ohm current-limiting resistance)
Fix temperature Alarm	57°C (135°F) A1R
Rate of rise Alarm	7.1°C/5S A1R
Height	48.2 mm installed in Base
Diameter	99.45 mm
Operating Humidity Range	$\leq 95\%\text{RH}(40^\circ\text{C}\pm 2^\circ\text{C})$ Relative Humidity, Non-condensing
Operating Temperature Range	-10°C to 50°C (14°F to 122°F)
Smoke Alarm Sensitivity	1.06 $\pm$ .26%FT