CDX
Conventional

SOC-E3N

Conventional Photoelectric Smoke Detector

Features

- Removable, High Performance chamber
- Automatic Sensitivity Window Verification (ASWV) – Drift Compensation Technology
- Remote Indicator output
- Wide voltage range (12 ~ 30 VDC)
- Low profile design with one piece outer cover
- Single fire LED - 360° viewing
- Range of mounting bases
- Approved by LPCB.



Description

The SOC-E3N is a Photoelectric Smoke Detector, which is fully compatible with the majority of existing Conventional systems. The SOC-E3N incorporates Hochiki's unique High Performance photoelectric smoke chamber removing the need to use Ionisation Detectors in the majority of applications.

'ASWV' Drift Compensation technology is incorporated to ensure the Detector is operating at its optimum sensitivity and therefore reducing potential false alarms. If the contamination limit is exceeded then the integral red LED will flash once every three seconds to give a visual warning. The smoke chamber is easily removed or replaced for cleaning and utilises a unique baffle design which allows smoke to enter the chamber whilst keeping out ambient light.

Specification	
Ordering codes	SOC-E3N - Ivory / SOC-E3N(WHT) - White / SOC-E3N(BLK) - Black SLV/ALK - Replacement chamber
Operating voltage	12 – 30 VDC
Quiescent current (typical)	35 µA
Maximum current alarm	40 mA
Remote indicator drive	20 mA (max)
Operating Temperature Range	-10 °C to +50 °C
Storage Temperature Range	-30 °C to +60 °C
Maximum humidity	95% RH - Non-condensing (at 40°C)
IP rating	IP42
Colour / Case material	Ivory, White or Black / ABS
Compatible bases	YBN-R/6, YBN-R/6SK, YBO-R/6R, YBO-R/6RS, YBO-R/6RN, YBO-R/6PA
Base fixing centres (mm)	48 ~ 74
Weight (g) / Dimensions (mm)	95 (excluding base) / ø 100 x H 38
Sensitivity	4% obs/m
Approvals	LPCB EN54: Part 7

For further information visit our website.
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