

Reflective Beam Smoke Detector

SRA-ET



Features

- ▶ 5 – 30 m range
- ▶ Small flat reflector
- ▶ Powered directly from the zone
- ▶ Full line continuity options
- ▶ Automatic compensation
- ▶ Can be interfaced onto ESP system via CHQ-DZM or CHQ-SZM
- ▶ Approved by LPCB & VdS

Description

Model SRA-ET is a reflective beam smoke detector consisting of an emitter/receiver unit and reflector plate that works over a distance of 5 – 30 m, providing a maximum coverage of 450 m².

The detector is powered directly from the zone, so no auxiliary power supplies are required, so when the zone is reset the detector is reset automatically. The SRA-ET can also be interfaced onto Hochiki's ESP systems by using a CHQ-SZM Single Zone Monitor or a CHQ-DZM Dual Zone Monitor. The SRA-ET comes complete with a Reflector and Termination Module which fits directly on to a standard UK dual back box, this allows the detector be surface or flush mounted. Line continuity options can be selected on the termination module and these are based on the Schottky or Zener diode method.

The SRA-ET is not solar blind so care should be taken when installing the detector as false alarms may occur. In areas affected by sunlight the Hochiki SPB-ET Beam Detector should be employed.

Specification	
Ordering Code	SRA-ET
Operating Voltage	15 – 30 V dc
Quiescent Current (typ)	350 μ A
Maximum Current In Alarm	50 mA
Operation Range (m)	5 - 30
Sensitivity	30%
Operating Temperature Range	-10 °C to +50 °C
Storage Temperature Range	-30 °C to +70 °C
Maximum Humidity	95%RH - Non condensing (at 40 °C)
Colour / Case Material	Ivory White / ABS
Weight (g) / Dimensions (mm)	(SRA-ET) 700 / H152 x W122 x D80 (Reflector) 50 / H190 x W190 x D3
Line Continuity Options (Interface Kit)	Schottky/Zener
Approvals	LPCB BS5839 Part 5 / prEN54 Part 12 VdS prEN54 Part 12