

MULTI-HEAT SENSORS



ACB-E



ACB-EW

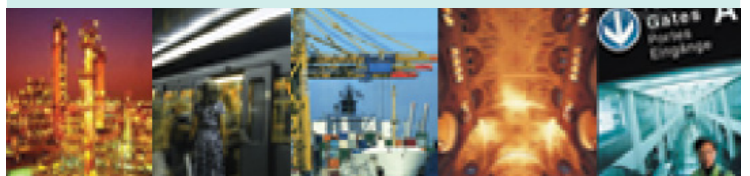


Model ACB-E is a Multi-Heat Sensor, which is fully compatible with Hochiki's ESP Analogue Addressable Protocol.

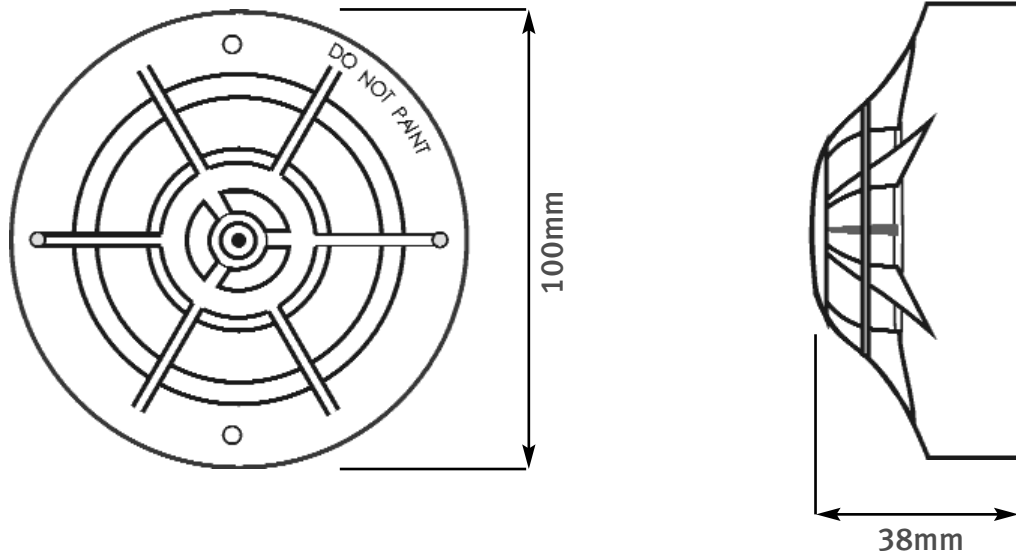
The ACB-E incorporates a Fixed Temperature heat element and a Rate Of Rise heat element, both of which are controlled from the Control Panel, allowing either thermal element or both elements simultaneously to be active in making the fire decision. The sensor polling LED's can also be controlled via the Control Panel (pulsing/non-pulsing).

A weatherproof version is also available, model ACB-EW, which is rated to IP67 and can be used externally. The ACB-EW is supplied with its own fixing plate which is used to attach the sensor to a surface. For splashproof surface fixing the Marine Back Box (MBB-1) can be used. Flying leads from the sensor connect directly to the loop.

- ▶ User selectable modes
- ▶ Incorporates Fixed Temperature and Rate Of Rise Heat elements
- ▶ Variable fire threshold
- ▶ Twin fire LED's allow 360° viewing
- ▶ Pulsing/non-pulsing controlled from panel
- ▶ Electronically Addressed
- ▶ Weatherproof version available rated at IP67

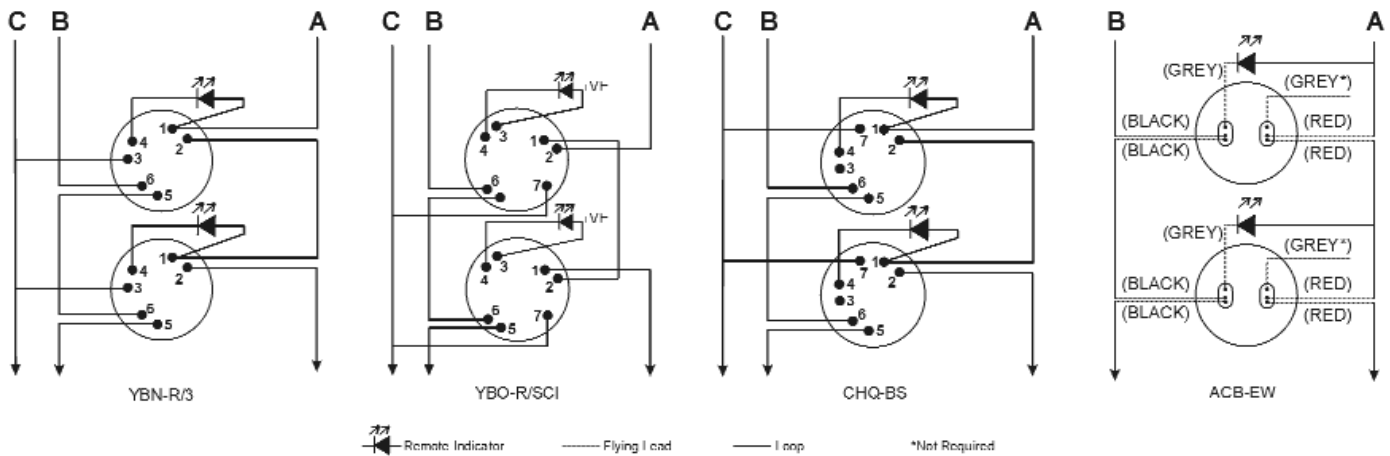


DIMENSIONS



WIRING

KEY: A Loop +ve, B Loop -ve, C Cable Screen



SPECIFICATION

Ordering Codes	ACB-E	ACB-EW
Operating Voltage		17 - 41Vd.c.
Low Power Mode (typ)		110µA
Quiescent Current (typ)		350µA
Alarm Current (controlled by CIE)		19mA
Transmission Method	Digital Communications Using ESP	
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)	
Ingress Protection Rating	IP42	IP67
Colour / Case Material	Ivory White / Polycarbonate	
Weight (g)	100	
Diameter (mm) / Height with base (mm)	100 / 46	
Compatible Bases	YBN-R/3, YBO-BS, YBO-BSB, YBO-R/SCI	n/a
Base Fixing Centres (mm)	48 ~ 74	

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Quality System
 Certificate No. 164
 Assessed to ISO9001



Environmental Management System
 Certificate No. EMS 286
 Assessed to ISO 14001 : 1996

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