

Detector Hochiki

Items covered by this datasheet:

540250	YBN-R/6 - YBN-RA Detector Base Complete Hochiki
540253	YBN-R/6M, Detector Base Marine Hochiki
540254	YBO-R/6R, Detector Base Relay Hochiki
540255	MBB-2, Detector Box Marine Hochiki
540270	SLR-E3N, Detector Optical Hochiki
540271	DCD-CE3, Detector Thermo 90 °C Hochiki
540273	SLR-E3NM, Detector Optical Marine Hochiki
540274	DCD-AE3/M, Detector Heat Marine Hochiki
540275	SOC-E3N, Detector Optical Hochiki



Featuring low profile design, remote alarm, twin fire LED's allow 360 viewing. The detectors are supported by the same base and a third terminal provides remote indicator output.

SLR-E3N and SLR-E3NM, SOC-E3N. Photoelectric Smoke Detector: Approval to EN54-7

DCD-CE3 and DCD-AE3/M. Rate of Rise Heat Detector 90 °C: Approval to EN54-5

Specifications

Voltage:	9.5 - 30 VDC (SOC-E3N :12-30VDC)
Currents	
Stand-by:	35 µA (@24 VDC)
Alarm:	40mA (limited by control panel)
Remote:	20mA (max.)
Environment	
Temp.:	SLR-E3N(M): -25°C to +70°C / SOC-E3N: -10°C to +50°C / DCD-AE3(M): -10°C to +50°C
Humidity:	5% to 95% (non-condensing)
Ingress:	Optical detector: IP42 / Thermo detector: IP63
Dimensions	
HxD:	38 × ø100 mm
Weight:	SLR-E3N(M)/SOC-E3N: 95 g / DCD-CE3(M): 76 g
Colour/Material:	White/ABS



Approval

CPR/CPD: SLR-E3N: 0832-CPD-0614. SOC-E3N: 2831-CPR-F1518. DCD-CE3: 2831-CPR-F2343/ 0832-CPD-0117

LPCB: SLR-E3N: 358c/06 / DCD-CE3: 117g/06

VdS: SLR-E3N: G208040/ DCD-CE3: G204045

GL: SLR-E3NM, DCD-AE3/M Certificate No 20278-04HH (for marine)

Bases

The YBN-R/6(M) is a mounting base for the detectors, and the YBD-RA is a surface wiring adaptor for the mounting base YBN-R/6, so that surface wiring can be connected. The YBD-RA has 4 knock-outs for cables.

The MBB-2 is a box for marine.

Dimensions

H(mm)×D(mm): YBN-R/6(M): 8× ø100 / YBD-RA: 16× ø110 / YBO-R/6R: 13×ø100 / MBB-2: 38 × ø102
 Weight(g): YBN-R/6(M): 51 / YBN-RA: 10 / YBO-R/6R: 87 / MBB-2: 108
 Colour/Material: White / ABS

YBN-R/6(M)



YBN-RA



YBO-R/6R



MBB-2



Document: Detector Hochiki

Text

Product:

Detectors

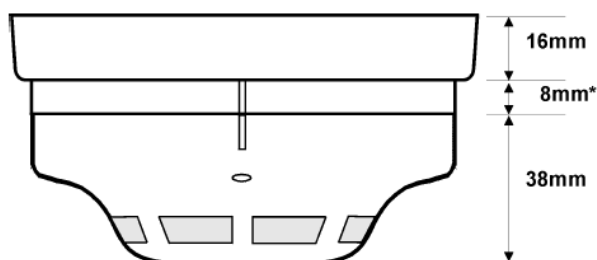
Id: MRP

Rev:2020-03-09

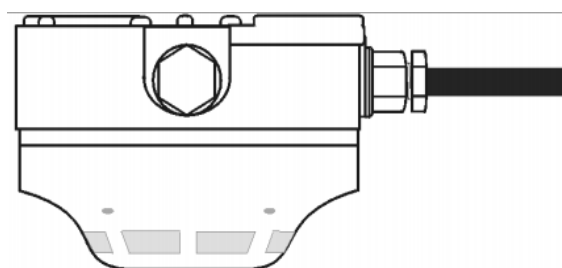


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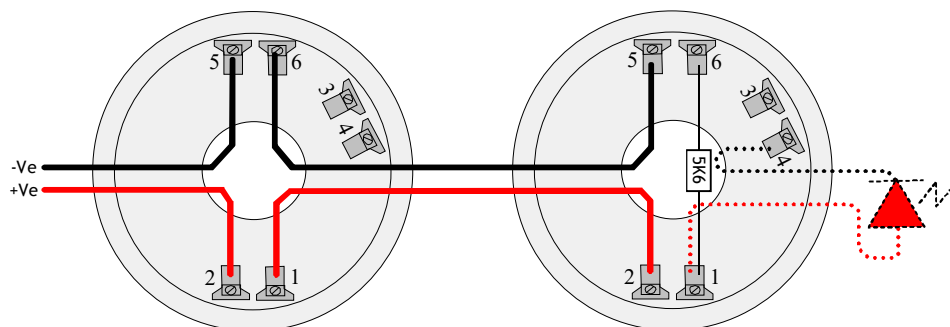
Pass the wiring through the knock-outs and fix the mounting base YBD-R/6 by using the two fixings screws. (M4x20mm). Connect the wire to the mounting base and then attach the detector to the base.



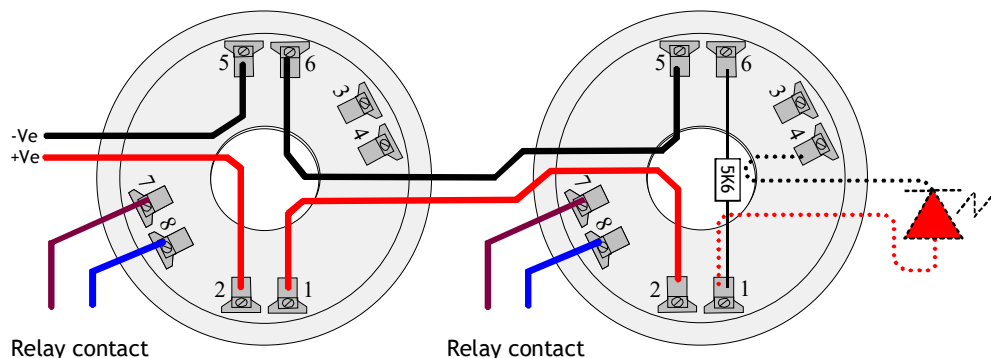
The detector base fits directly onto the box and sits within a slight recess. This provides the perfect fit and the protection against dust and water ingress.



Wiring for detector base:



A flying lead on either pin 7 or 8 selects either N/C or N/O.



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