

INTRINSICALLY SAFE PRODUCTS



SLR-E-IS

Designed for use in 'hazardous areas' the intrinsically safe range of products is approved to ATEX classifications. Both detectors feature twin alarm LEDs and a remote indicator output and must be fitted to an electronics free Intrinsically Safe mounting base (YBN-R/4(IS)):

Model SLR-E-IS is an intrinsically safe, conventional Photoelectric Smoke Detector.

- ▶ ATEX Classification to *II 1G EEx ia IIC T5 Tamb=55°C*

- ▶ Suitable for installation in areas at Category 1 (inc all lower categories)

- ▶ High Performance optical smoke chamber

Model DCD-1E-IS is an intrinsically safe, conventional Rate of Rise Heat Detector with a 60° fixed temperature element.

- ▶ ATEX Classification to *II 1G EEx ia IIC T5 Tamb=55°C*

- ▶ Suitable for installation in areas at Category 1 (inc all lower categories)

The CCP-E-IS is a conventional call point based upon the industry standard KAC world series housing.

- ▶ ATEX Classification to *II 1 G EEx ia II T4*

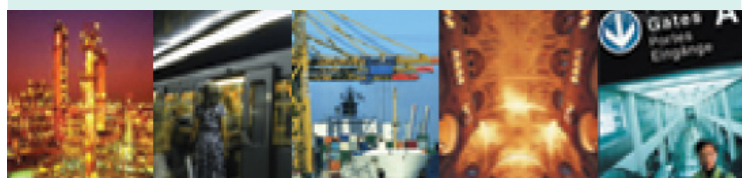
- ▶ Supports either a 'Frangible Glass' element or a 'Non Frangible Plastic' element



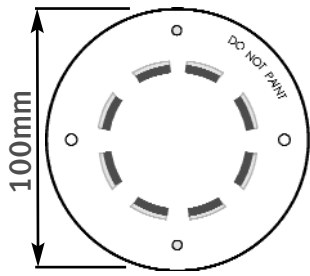
DCD-1E-IS



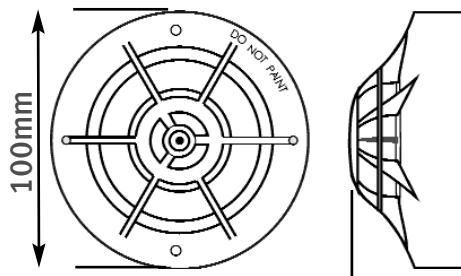
CCP-E-IS



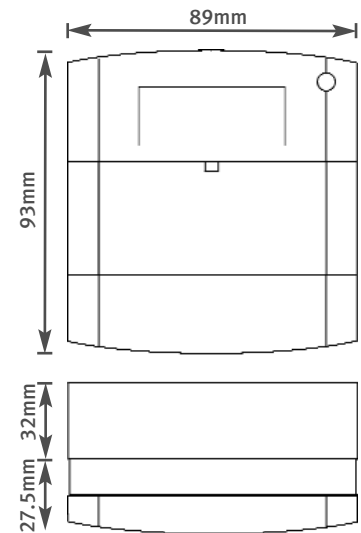
DIMENSIONS



SLR-E-IS

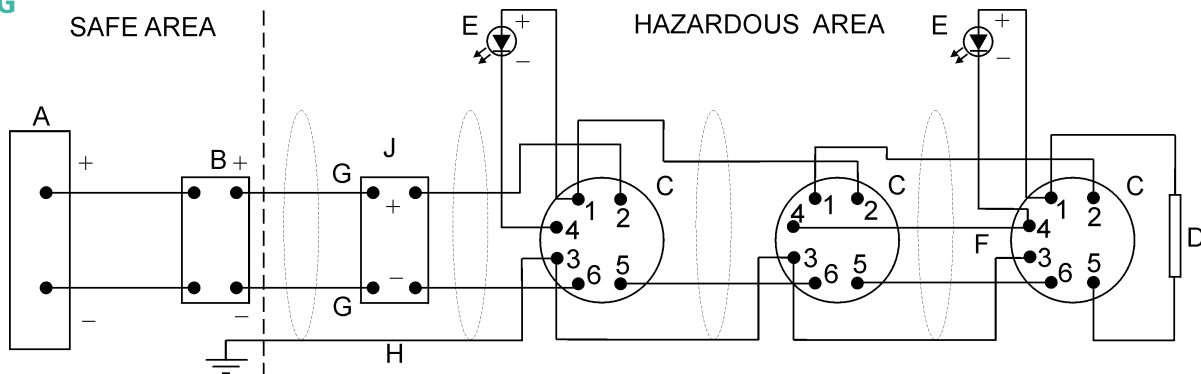


DCD-1E-IS



CCP-E-IS

WIRING



- A** Unspecified equipment except that no voltage shall exceed 250 V with respect to earth.
- B** Zener Diode Barrier/Galvanic Isolator
- C** Up to 20 SLR-E-IS/DCD-1E-IS (complete with YBN-R/4 IS Bases)
- D** End Of Line resistor
- E** Optional Remote Indicator (LED only)

- F** Interconnection for sharing a single Remote Indicator between any number of SLR-E-IS or DCD-1E-IS/YBN-R4/IS Detector/Base combinations as shown above.
- G** Interconnecting cable
- H** Optional cable screen
- J** Up to 20 optional devices e.g. switches such as manual call points

Note: Wiring **MUST** follow recommendations given in the I.S. Detectors Installation Instructions (2-3-0-345)

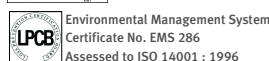
SPECIFICATIONS

Ordering Code	SLR-E-IS
Operating Voltage	15 - 30Vdc
Quiescent Current (typ)	50µA
Maximum Current In Alarm	50mA
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
Colour / Case Material	Ivory White / ABS
Weight (g)	115
Compatible Base / Height (mm)	YBN-R/4(IS) / 8
Base Fixing Centres (mm)	48 ~ 74
Approvals	LPCB Germanischer Lloyd ATEX BAS01ATEX1281

Ordering Code	DCD-1E-IS
Operating Voltage	15 - 30Vdc
Quiescent Current (typ)	50µA
Maximum Current In Alarm	50mA
Operating Temperature Range	-10°C to + 55°C
Storage Temperature Range	-30°C to + 70°C
Maximum Humidity	95%RH Non Condensing (at 40°C)
Ingress Protection Rating	IP63
Colour / Case Material	Ivory White / ABS
Weight (g)	97
Compatible Base / Height (mm)	YBN-R/4(IS) / 8
Base Fixing Centres (mm)	48 ~ 74
Approvals	LPCB Germanischer Lloyd ATEX BAS01ATEX1021

Ordering Code	CCP-E-IS
Operating Voltage	15 - 30Vdc
Operating Temperature Range	-10°C to + 55°C
Storage Temperature Range	-30°C to + 70°C
ATEX Classification	II 1 G Eex ia II T4
Maximum Humidity	95%RH Non Condensing (at 40°C)
Ingress Protection Rating	IP24
Colour / Case Material	Red / Polyphenylene Oxide
Weight (g) (Flush Unit)	97
(With Surface Mount Back Box)	173
Approvals	ATEX II 1 G EEx ia II T4

HOCHIKI EUROPE (UK) LIMITED
 Grosvenor Road, Gillingham Business Park,
 Gillingham, Kent, England ME8 0SA
 Telephone: +44 (0)1634 260133
 Facsimile: +44 (0)1634 260132
 e-mail (UK): sales@hochikieurope.com
 e-mail (Non UK): export@hochikieurope.com
 www.hochikieurope.com



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