

Conventional Detectors -

CPD321 / CPT341 / CFR330 / CMT360 / CHT390 / MPD821 / MPT951/
MFR830 / MMT860 / MHT890 / FXN533 / FXN632 / FXN525 / FXN524 / FXN526

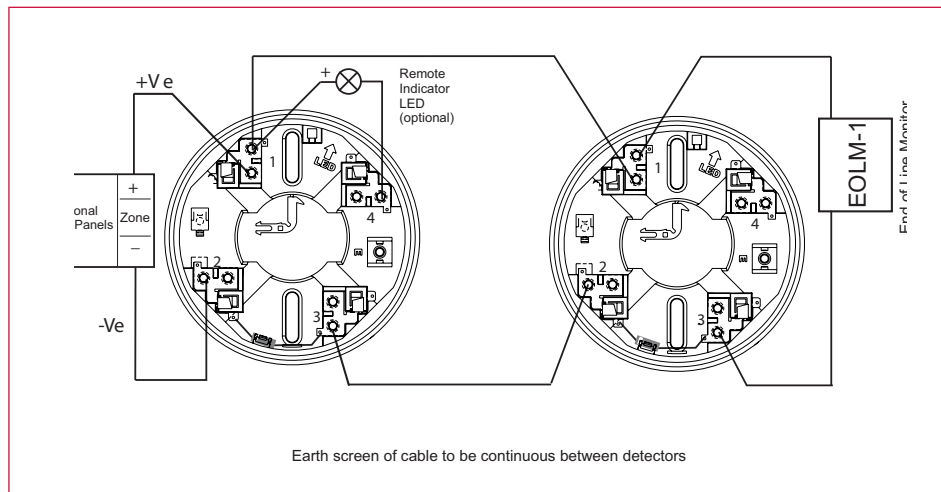
Description

Cooper offers a comprehensive range of conventional detectors that are compatible with Cooper, Menvier and JSB conventional control panels.

Benefits and Features

- LPCB 3rd party approved / CPD approved
- Low profile design
- 360° viewable LED design
- Removable detector chamber for cleaning
- Common mounting base
- New enhanced detectors feature Dual LEDs,
- Drift compensation and Chamber monitoring (Optical & Photo-Thermal)

Typical Wiring Schematic - Standard Conventional Base



Ref. Number: DS0021a



conventional optical detector



conventional photo-thermal detector



conventional heat detector



standard conventional base

Technical Specification

Model	CPD321	CPT341	CFR330	CMT360	CHT390
Model	MPD821	MPT951	MFR830	MMT860	MHT890
Model	FXN533	FXN632	FXN525	FXN524	FXN526
Description	optical sensor	photo-thermal sensor	heat sensor (fast)	heat sensor (med)	heat sensor (high)
CPD approved product	0832CPD0633	0832CPD0629	0832CPD0233	0832CPD0236	0832CPD0237
Standards	EN54: Pt 7; 2000 + A1 2002	EN54: Pt 7; 2000 + A1 2002 EN54 Pt 5; 2000 + A1 2002	EN54: Pt 5; 2000 + A1 2002		
Area coverage	100m ² (subject to local standard)		50m ² (subject to local standard)		
System wiring	2 core				
Indication	360° visibility light pipe				
Mounting	surface mount CDBB300, FXN520 base				
Compatibility	conventional fire panels				
Detetion Mode	light scatter principle	light scatter principle heat sensitive element	heat sensitive element		
Operating voltage	15 to 30 V dc				
Max stand by current	30µA				
Max Start up current	340µA				
Max alarm current	25mA				
Heat class	A2S		A2R	BS	CS
Alarm temperature	60°C		77°C	92°C	
Environmental					
IP rating	Indoor use IP40				
Operating temperature	-20°C to 60°C	-20°C to 45°C	-20°C to 60°C	-20°C to 60°C	-20°C to 75°C
Humidity	0 to 95% non condensing				
EMC	CE marked				
Physical					
Construction	ABS				
Colour	White				
Dimensions					
Excluding base (Dia x H)	100mm x 43mm				
Including base (Dia x H)	100mm x 45mm	101mm x 55mm			

Part Codes

Product Description	UNB Part Code	MEN Part Code	JSB Part Code
Conventional Optical Sensor	CPD321	MPD821	FXN533
Conventional Photo-Thermal Sensor	CPT341	MPT951	FXN632
Conventional Heat Sensor (Fast)	CFR330	MFR830	FXN525
Conventional Heat Sensor (Med)	CMT360	MMT860	FXN524
Conventional Heat Sensor (High)	CHT390	MHT890	FXN526
Conventional Mounting Base	CDBB300	FXN520	