

# Fire



DATA  
SHEET

## Conventional Detectors

CPD321 / CPT341 / CFR330 / CMT360

CHT390 / MPD821 / MPT951/

MFR830 / MMT860 / MHT890 / FXN533

FXN632 / FXN525 / FXN524 / FXN526

**COOPER**

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

### Benefits and Features

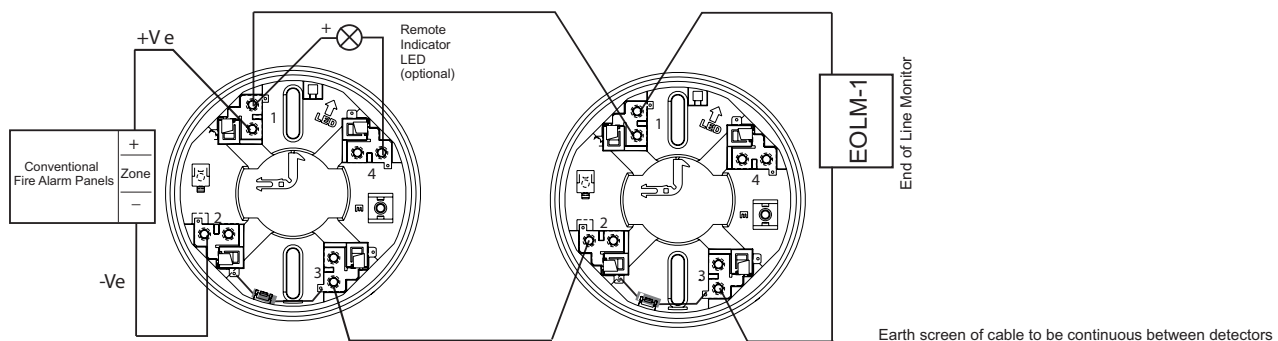
- > LPCB 3rd party approved / CPD approved
- > Low profile design
- > 360° viewable LED design
- > Removable detector chamber for cleaning
- > Common mounting base
- > New enhanced detectors feature dual LEDs,
- > Drift compensation and chamber monitoring (Optical & Photo-Thermal)

**MENVIER**

**JSB**

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

## Wiring Diagram - Standard Conventional Base



## Product Codes

Conventional optical detector	CPD321 / MPD821 / FXN533
Conventional photo-thermal detector	CPT341 / MPT951 / FXN632
Conventional heat detector (Fast)	CFR330 / MFR830 / FXN525
Conventional heat detector (Med)	CMT360 / MMT860 / FXN524
Conventional heat detector (High)	CHT390 / MHT890 / FXN526
Conventional mounting base	CDBB300 / FXN520