

Technical Data

SIGNALING


LISTED
FIRE ALARM
EQUIPMENT
4AC5
Signalling Line Circuit Style 7, Class A Supervised, Power Limited

Current	4.9mA (nom) 5.0mA (Max)
Operating Voltage	24VDC (nom)
Line Impedance	50Ω (nom)

Detector Zone Class B Style C Supervised, Power Limited

Voltage	21VDC (min) 22.9VDC (nom) 26VDC
Current	17mA (nom) 40mA (max)
Line Impedance	2.5Ω (Max)
End of Line Resistor	5.6kΩ (nom)
Fire Input Trigger	680Ω (nom)

UPCD-2W,UCPT-2W,UCHRI, UCHT, UCHTI, any combination thereof
Compatibility Identifier : ULCV1

Sounder1, Sounder2 Style Y, Class B Supervised, Power Limited	24DC (nom)
Current	1A (Max)
Line Impedance	8Ω (nom)
End Of Line Resistance	12kΩ (nom)

Call Point Zone Class B Style C Supervised, Power Limited

Voltage (8.4 Vpp every 1 second)	8.4V (nom)
Current	1.2mA (nom)
Trigger Resistor	680Ω (nom)
End of line Resistor	6.8KΩ (nom)
Line Impedance	16Ω (nom)

24 V external PSU Supervised, Power Limited

Current	2A (Max)
Voltage	24VDC (nom)
End Of Line Resistance	12KΩ (nom)
Line Impedance	4Ω (nom)
Gauge Wire	12 AWG

UL 1481 Listed regulated for fire, current limited

Environmental

Operating Temperature	0°C - 49 °C
Humidity / Non Condensing	93% RH

Installation

1. Separate the two halves of the unit.
2. Drill out (or knock out) the required cable entries in the surface mounting back-box.
3. Fit the back-box in position and pass the wires into it.
4. Connect the unit according to the diagram overleaf.
5. Recommended cable Type FPLP (plenum cable), Type FPLR (riser cable), or Type FPL

Notes: No addressing of the interface is required.
See control panel operation for details.

Operation:

Call Point Zone: Normal Standby, Alarm, NAC Silenced, Alarm Reset, Trouble, Supervisory, Drill

Detector Zone: Normal Standby, Alarm, Trouble

Note: The end of line resistor must always be fitted, even if the spur is unused. Installer / Service Engineer must ensure it is fitted.

Standards

UL864 9th Edition

Compatibility

Suitable for use with Eaton Analogue Addressable Fire Systems

Physical Characteristics

Dimensions	180mm x 129mm x 60mm
Weight	0.25kg
Ingress Protection	IP65

Description	Field Wiring SLC Circuit (input)	Call Point Zone	Detector Zone	Sounder 1, Sounder2	24 v External Supply	External PSU Monitor
Wiring Gauge	12 Max AWG	12 Max AWG	12 Max AWG	12 Max AWG	12 Max AWG	12 Max AWG
Wiring Class	Class A Style 7	Class B Style C	Class B Style C	Class B Style Y	N/A	N/A
Ground Fault Impedance	0.1 Ohm	0.1 Ohm	0.1 Ohm	0.1 Ohm	TBD Power Supply	TBD Power Supply
Supervised, power limited	Yes	Yes	Yes	Regulated, Supervised, Power Limited	Supervised, Power Limited	Supplementary
Compatibility Identifier			ULCV1 Compatible detectors UPCD-2W UCPT-2W UCHRI UCHT UCHTI			



Powering Business Worldwide



Standard Connections

