

Installation Instructions for: Shop Unit Monitor CSUM355

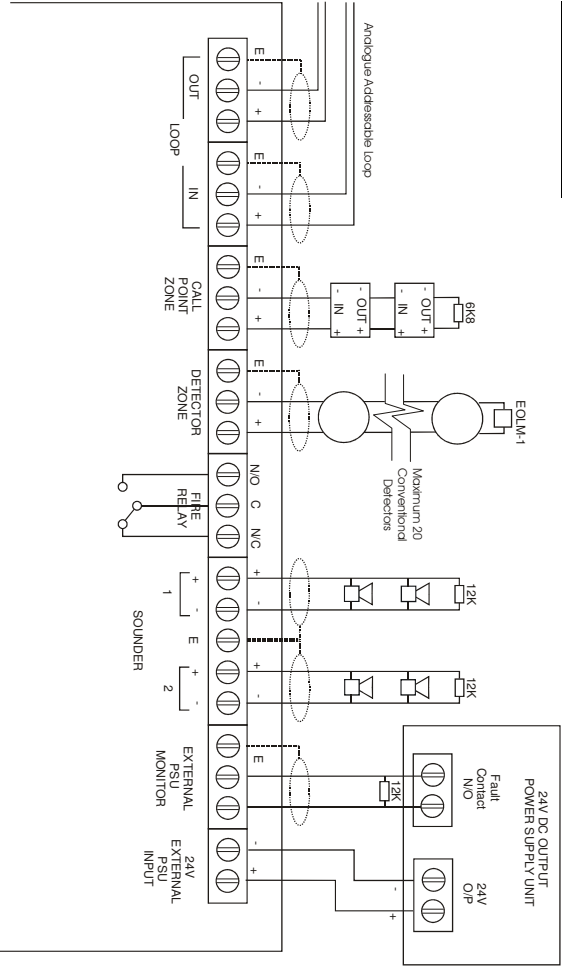
Installation

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 below.

Notes:

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

Standard Connections



Notes:

1. This unit can only be used with Cooper 300 series detector base and compatible detectors.
2. Only connect cable screen to its adjacent earth terminal.
3. The end of line resistor must always be fitted, even if the spur is unused.
4. Maximum spur length – See BS5839 Pt1:2001 for Zone Coverage.
5. Maximum number of call points allowed is unlimited.
6. Detector zone end of line device is EOLM-1

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.PINSTCSUM355

Specifications

Loop Load	Min	Nom	Max	Units
Quiescent Current	2.8			mA
With 20 Cooper Detectors, Unlimited Call Points		3.4		mA
Alarm Condition, with 20 Cooper Detectors, Unlimited Call Points		8.0		mA
Sounder Circuits				
External PSU Input Voltage	20	24	30	V
External PSU Current Rating	1			A
Sounder Load (Each Channel)			300	mA
End Of Line Resistance		12±5%		kΩ
Call Point Zone				
Number of Call Points per Zone	0		Note 1	
End Of Line Resistance		6.8		kΩ
Fire Input Trigger Resistance		680		Ω
Short Circuit Fault Threshold Resistance			100	Ω
Open Circuit Fault Threshold Resistance	39			kΩ
Detector Zone				
Number of Detectors per Zone	0		20	
End Of Line Monitor		ACTIVE	END OF LINE DEVICE	
Fire Input Trigger Resistance		680		Ω
Short Circuit Fault Threshold Resistance			100	Ω
Open Circuit Fault Threshold Resistance	39			kΩ
External PSU Monitor Input				
End Of Line Resistance		12±5%		kΩ
Fault Input Trigger Resistance			100	Ω
Fire Relay Contact Ratings				
Switching Voltage			30	V DC
Switching Current (Un-fused)			1	A
Environmental				
Operating Temperature	-10		+60	°C
Humidity (Non Condensing)			95	%rh
Standards				
EN54 : Pt2 & 4				
BS5839 : Pt1 (Installation)				
Compatibility				
Suitable for use with Cooper Analogue Addressable Fire Systems				
Physical				
Dimensions	147 x 88 x 57 (mm)			
Weight	0.25kg			
Ingress Protection	IP40			

Notes:

1. Maximum number of call points allowed is unlimited.
2. Detector zone end of line device is EOLM-1 (supplied).