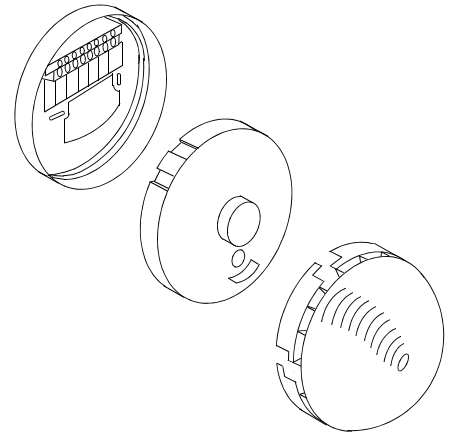


302-0012 Low Profile & 302-0022 Domed Twinflex Flashpoint

Introduction

This device is compatible with the Twinflex 2-wire range of Fire Alarm equipment and comprises of a 2-wire zone-powered sounder and visual indication beacon. This device may be installed on the same zone as the Multipoint detector/sounder and associated Twinflex devices.



Surface Mounting

Fix the base in a suitable position using the two screw slots provided, remembering to allow enough space for the correct termination of the appropriate fire resistant cable.

Installation 2nd Fix

Once all testing has been carried out on the cabling and 'continuity & integrity' has been proven, then the Flashpoint unit may be fitted. To insert the Electronics Module, locate the pins and gently push it home.

Please remember that all high voltage testing must be carried out before the installation of the Flashpoint front unit as this may cause damage.

Connections

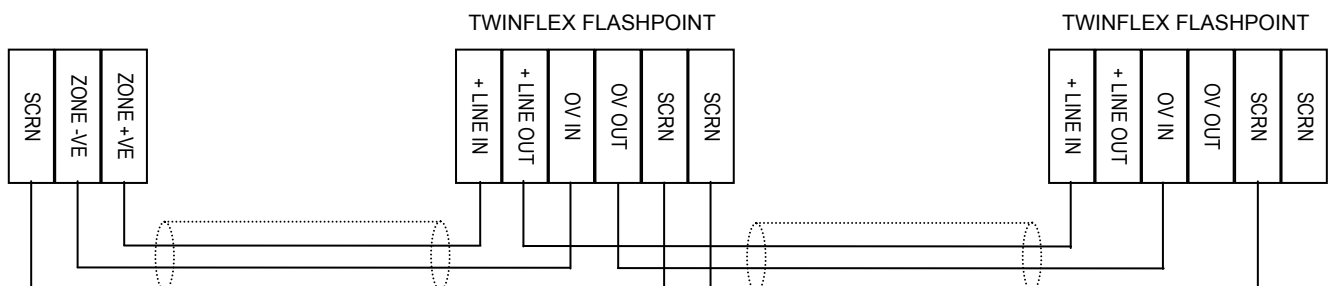
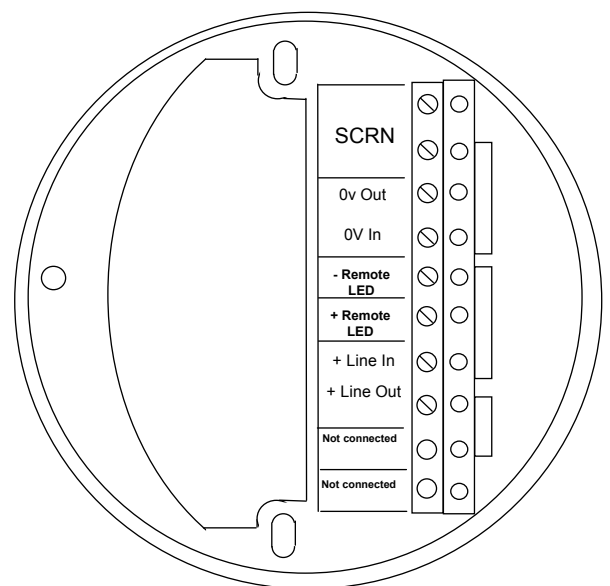
The cabling should be 2-core 1.5mm² screened/earthed and fire resistant, of an MICC or FP200 equivalent type and is to be in the form of a 2-core radial circuit terminating at the End of Line device.

It is important to maintain the screen continuity in order to protect against data corruption from interference.

Remember that the device at the end of the line needs its EOL signal activated using the relevant DIL switches as below.

Note: The "+ Line Out" and "0V Out" terminals must not be used on the last device in the zone.

Remember that the device at the end of the line must have its EOL signal activated using the relevant DIL switch. Do not use a resistor or capacitor (or another manufacturer's End of Line device) as the end of line, as this may prevent correct operation of the zone.

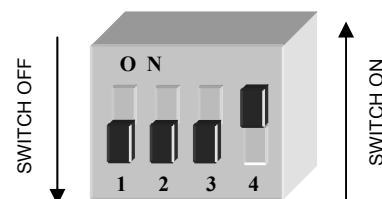


Please note that the SCRIN terminal on the Flashpoint bases should only be connected to the zone cable screen and NOT to the building earth. The cable screen is connected to earth at the panel end only, via the zone "SCRIN" terminal (or EARTH terminal on the Twinflex V3 2/4/8 Zone panels).

DIL Switch Settings

The detector DIL switches may be used to program the operation of the Flashpoint Sounder / Beacon. They may be altered when the device is removed from the base.

The last device on the circuit must have the EOL signal enabled (switch number 1 in the 'ON' position).



			DIL SWITCH SETTINGS			
			1	2	3	4
End of line	Enabled		ON			
	Disabled		OFF			
Sound Levels	High			ON		
	Low			OFF		
Sound Patterns	Sound OFF	Beacon ON			ON	ON
	Dual Tone UK Evacuate – 800 & 970 Hz	Beacon ON			ON	OFF
	Slow Whoop Up – 500 to 1200 Hz sweep up	Beacon ON			OFF	OFF
	Dual Tone French Warble – 440 & 550 HZ	Beacon ON			OFF	ON

Technical Data

Dimensions	Diameter	105mm
	Depth	45mm (LP) / 62mm (HP)
Operating temperature		-10°C to +50°C.
Voltage Ranges.	Mains Powered..	25.2 to 31.5V DC
	Battery Powered	18 to 25.4V DC
Operating Current	Quiescent	428 uA (Typical)
	Sounder High	15.5 mA
	Sounder Low	15.5 mA
	Beacon	5 mA
Sound Pressure Outputs	Sounder High	94dB(A) @ 1m anechoic (Dual Tone)
LED Operation	EOL indication	5 second interval
Beacon Operation	Period	1s
	Flash Duration	15 ms
Loading Units (SLUs)	Max per zone	27 SLU
	Sounder High	3 SLU
	Sounder Low	3 SLU
	Beacon	1 SLU
Flammability		UL94-V2
IP Rating		IP 21C
Part Codes	Low Profile	302 0012
	Domed	302 0022

Maintenance

There are no user serviceable parts inside. Wipe the outside of the Flashpoint with a damp (not wet) cloth.

Technical Support

Contact your supplier for technical support on this product.

Fike policy is one of continual improvement and the right to change a specification at any time without notice is reserved. Whilst every care has been taken to ensure that the contents of this document are correct at time of publication, Fike shall be under no liability whatsoever in respect of such contents.

Due to the complexity and inherent importance of a life risk type system, training on this equipment is essential, and commissioning should only be carried out by competent persons.

Fike cannot guarantee the operation of any equipment unless all documented instructions are complied with, without variation. E&OE.

This unit complies with the EMC directive.

While every care has been taken in the production of this document, Fike Safety Technology do not guarantee its contents. We also reserve the right to change the specification at any time, due to our progressive design and quality systems.