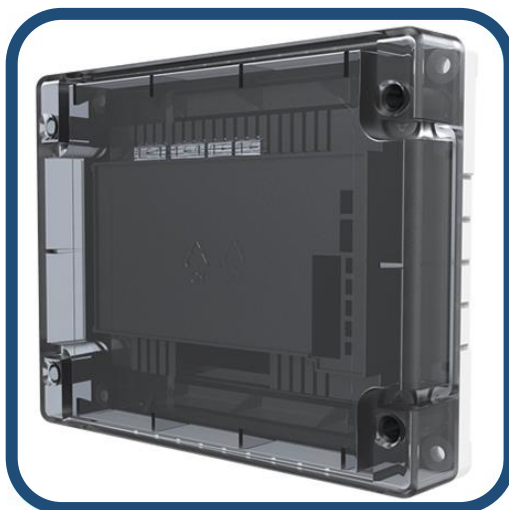


Analogue Single Zone Module

ST-ZM1B-SC



Features

- ▶ Loop powered
- ▶ Up to 6 Conventional Detectors
- ▶ Single loop address
- ▶ Remote LED output
- ▶ Fully monitored for short and open circuit faults
- ▶ DIN rail version available
- ▶ Both models feature an integral short-circuit isolator
- ▶ Both models approved by LPCB & VdS

Description

Model ST-ZM1B-SC is a Single Zone Monitor designed to allow up to 6 conventional detectors to be interfaced to the ESP analogue addressable system. The unit is also available as a DIN Rail mountable version; with or without an integral short-circuit isolator. The ST-ZM1B-SC utilises simple DIL switches for reliable addressing. A back box is also available (ST-MBB) which, when used in conjunction with the ST-ZM1B-SC, increases the IP rating to IP65. **The conventional zone on the ST-ZM1B-SC does not support any line continuity options; if Call Points are being interfaced they should be wired at the beginning of the zone.**

Specification

Order codes	ST-ZM1B-SC (module with SCI) ST-ZM1D-SC (DIN module with SCI)	
Operating voltage	17 - 41 V dc	
Quiescent current	260 μ A	
Current consumption	22 mA \pm 20 % (polling)	
Current in short-circuit	8 mA	
Maximum short-circuit current	1 A	
E.O.L device	TE-RH-E (polarity conscious)	
Zone voltage	15.3 V - 17.1 V	
Zone resistance	50 Ω (Max)	
Zone capacitance	0.3 μ F (Max)	
Detectors per zone	Please contact Silver-Tec for further information	
Operating Temperature Range	-10 $^{\circ}$ C to +50 $^{\circ}$ C	
Storage Temperature Range	-30 $^{\circ}$ C to +60 $^{\circ}$ C	
Maximum Humidity	95%RH Non Condensing (at 40 $^{\circ}$ C)	
Weights (g) & Dimensions (mm)	ST-ZM1B-SC 328	L=157 x W=127 x D=35 (module inc lid) D=79 (module inc lid & ST-MBB) (add 235 to module weight when using ST-MBB)
	ST-ZM1D-SC 114	L=119 x W=108 x D=24
Colour & enclosure material	ST Module & ST-MBB White ABS, DIN Module Green ABS, Module Lid Semi-Opaque Black ABS as standard (white version – ST-MBBC(WHT) also available)	

Fire alarm control panel compatibility required for these products.