

Manual Call Point with Short-Circuit Isolator

BGU-E(PS)



Features

- ▶ Fast response
- ▶ Two Status LED's indicating either fire status or short-circuit status
- ▶ ESP compatible
- ▶ Easily programmed with hand-held programmer
- ▶ IP Rated

Description

The BGU-E(PS) is an addressable splash-proof call-point with an integral short circuit isolator which is fully ESP compatible. The BGU-E(PS) is addressed using the TCH-B100 Hand Held Programmer with a programming lead and features two LED's, one RED and one YELLOW that, between them, indicate the current state of the unit. For example, whether a fire has been detected, or whether a short-circuit is present on the loop.

Note: The short-circuit isolator switches on the positive side.

Specification		
Ordering code	BGU-E(PS)* ¹	
Operating Voltage	17-31 Vdc	
Sleep mode current	100 μA (typ.)	
Quiescent mode current	250 μA (typ.)	
Current - BGU-E(PS) operated (fire condition)	620 μA (typ. without Fire LED on)	
Current drawn by isolator during fault condition	8mA	
Maximum continuous current	1A	
Maximum quantity per loop	127* ²	
STATUS	RED	AMBER
Normal	Off	Off
SCI active	Off	On
Fire Condition	On	Off
Fire Condition and Short-Circuit Condition	On	Off
Protocol	ESP	
Operating temperature range	-10 °C to +50 °C	
Storage temperature range	-30°C to + 60°C	
Relative humidity	95% RH (at 40°C)	
Colour and case material	Red ABS	
Case dimensions (mm)	120H x 125W x 35D	
Fixing centres	100 mm by 100mm	
Maximum wire thickness	1.5 mm ² /terminal	
Weight	240g	
Ingress Protection Rating	IP54 (splash-proof)	
* ¹ Fire alarm control panel compatibility is required for this product.		
* ² Check with Fire alarm control panel manufacturer for maximum loop quantities		