

# 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
- ▶ IP54 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)* <sup>1</sup>	
Operating Voltage	17-31 Vdc	
Sleep mode current	100 $\mu$ A (typ.)	
Quiescent mode current	250 $\mu$ A (typ.)	
Current - BGU-E(PS) operated (fire condition)	620 $\mu$ A (typ. without Fire LED on)	
Current drawn by isolator during fault condition	8mA	
Maximum continuous current	1A	
Maximum quantity per loop	127* <sup>2</sup>	
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 <sup>2</sup> /terminal	
Weight	240g	
Ingress Protection Rating	IP54 (splash-proof)	

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\*<sup>1</sup> Fire alarm control panel compatibility is required for this product.

\*<sup>2</sup> Check with Fire alarm control panel manufacturer for maximum loop quantities