

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) * ¹
Operating Voltage	17-31 Vdc
Sleep mode current	100 μ A (typ.)
Quiescent mode current	250 μ A (typ.)
Current - BGU-E(PS) operated (fire condition)	620 μ A (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)