MANUAL CALL POINT
Intrinsically Safe (EExia), Weatherproof
BG3 Range

ATEX

Now Chinese Certified

Introduction

This manual fire alarm call point is designed in accordance with the latest draft European Call Point Standard (EN54-11). Weatherproof to IP66 and IP67 and available certified intrinsically safe, simple apparatus or uncertified, the units are manufactured from glass reinforced polyester (GRP) which provides a robust, corrosion free construction and ensures effective and reliable operation in harsh industrial and offshore environments.

Units are supplied in natural red GRP or painted to customer specification. 'Burning House' 🏠 duty label is provided as standard, other duty and tag labels may be supplied to customer specification.

★ Zone 0, Zone 1 and Zone 2 use.
★ EExia IIC T4.
★ ATEX Approved Ex II 1 G.
★ BASEEFA certified.
★ Chinese (CQST) certified.
★ Designed in accordance with EN54-11.
★ IP66 and IP67.
★ Certified temperature -55°C to +55°C.
★ Corrosion free GRP.
★ Optional in line/end of line resistors/diodes.
★ Optional LED indicator.
★ Optional lift flap.
★ Key operated test facility.
★ Various body colours available. Contact MEDC for details.

MEDC
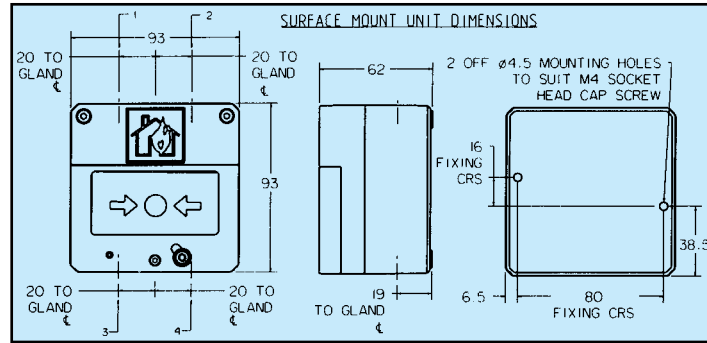
6DS100/L

SURFACE MOUNT UNIT DIMENSIONS

Technical Specification

MODEL	BG3I	BG3W
PROTECTION	Explosion Protected EExi (Intrinsically Safe)	Dust-tight & Weatherproof
CERTIFICATION	CENELEC EN50014, 020 BASEEFA EExia IIC T4 Cert No. BAS00ATEX1067X Suitable for use in Zones 0, 1 & 2 Chinese Certification CQST – Exia IIC T4	Not applicable
VOLTAGE	Up to 28V (IS)	Up to 250V a.c.
CERTIFIED TEMPERATURE	-55°C to +55°C	Not applicable
INGRESS PROTECTION	IP66 & IP67	IP66 & IP67
EUROPEAN STANDARD FOR CALL POINTS	EN54-11	EN54-11
TERMINALS	6 x 4.0mm²	6 x 4.0mm²
SWITCH RATINGS	Not Applicable	DC: 0 - 30V 3A resistive or inductive / 30V - 50V 1A resistive or inductive / AC: 0 - 250V 3A resistive or inductive
RESISTOR VALUES	470R Minimum	270R Minimum
CABLE ENTRIES	2 x M20 top or bottom	2 x M20 top or bottom
WEIGHT	0.5Kg	0.5Kg
MATERIAL	UV resistant glass reinforced polyester	UV resistant glass reinforced polyester
FINISH	Natural Red GRP or Painted GRP to Customer requirements	
DUTY/TAG LABELS	Stainless steel as standard	Plastic as standard

Ordering Requirements

The following code is designed to help in the selection of the correct unit. Build up the reference number by inserting the code for each feature into the appropriate box. **Standard products available ex-stock as follows:**

PRODUCT	DESCRIPTION
BG3I1NBR	Intrinsically safe, ATEX approved Ex II 1G, certified EExia IIC T4, Glass Label 'Fire Break Glass Press Here', Duty Label 'Burning House', single switch, no features, 2 x 20mm bottom entry, natural red.
BG3W1NBR	Weatherproof, uncertified, Glass Label 'Fire Break Glass Press Here', Duty Label 'Burning House', single switch, no features, 2 x 20mm bottom entry, natural red.

Model | Certification | Labels | Features | Entries | Body Colour

BG3

Certification	Code
Weatherproof	W
EExia	I
Chinese (CQST)	Q

Label Type	Code
Glass Label	
Fire Break Glass 'Press Here'	1
Break Glass 'Press Here'	2
Special	3
European Standard (draft) ⇨○⇦	4
Duty Label (special) (Burning House 🏠 as standard)	5
Tag Label	6
Specify wording on '3','5' & '6'	

Feature	Code
None	N
Resistor Series	*S
Resistor EOL	*E
Diode	D
Polycarbonate Lift flap	F
Stainless steel Lift flap	C
LED	L
Double changeover	T
Plastic Element (replaces break glass)	P

Please specify

Entries	Code
2x20mm (bottom)	B
2 x 20mm (top)	T
For blanking plugs add "P" to code. e.g. BP, 2 x 20mm bottom entries with one blanking plug.	

Colour	Code
Natural Red	R
Blue	B
Green	G
White	W
Yellow	Y
Special	S

MEDC