

WP3-BG Weatherproof Break Glass Manual Call Point

The WP3-BG weatherproof break glass manual call points are designed for the harshest of environments for the control of fire and gas alarm systems. SIL2 compliant to IEC61508 (2010).

The WP3-BG features an enclosure manufactured from corrosion proof, marine grade, copper free LM6 (A413) aluminium with a chromated and powder coat finish. The break glass element features a safety membrane and is designed to snap ensuring the no glass fragments are released during activation. A hammer is available as an accessory if required by local code.

Features

- Alternative housing colours are available to meet specific requirements
- DIN rail mounted terminal blocks: 8 × 2.5mm²
- Optional stainless Steel lift flap
- Metalised Polyester or stainless steel duty label
- Break glass hammer accessory available
- Weatherproof ingress protection of IP66/67

Approvals

- SIL2 compliant to IEC 61508 (2010)
- Complies with design requirements of EN54-11



Specification

WP3-BG:	Weatherproof Break Glass Manual Call Point
Switch rating:	AC voltage 250V Max. Current 5.0A Max. DC voltage 48V Max. Current 1.0A Max. DC voltage 24V Max. Current 3.0A Max.
Ambient:	Ta = -40°C to +75°C [-40° to +167°F]
Ingress protection:	IP66/67
Enclosure material:	Marine grade copper free LM6 Aluminium
Enclosure finish:	Chromated & powder coated finish: anti-corrosion.
Colour:	RAL3000 Red (others available on request)
Cable entries:	2 x M20 clearance top and 1 x M20 clearance side. Back box can be rotated to give 2 x bottom and 1 x side entries Adapters available to 1/2"NPT, 3/4"NPT or M25
Stopping plugs:	2 x Nylon plugs as standard Brass, nickel plated brass and stainless steel plugs optional
Terminals:	8 x 2.5mm ² DINrail
Weight:	0.8Kg

Part Codes

Version:	Part code:	Description:
Type:	WP3BG	Break Glass Manual Call Point
Switch Type: [s]	S	SPCO/SPDT
Terminals: [t]	D	DIN Rail 8 x SAK2.5
Lift flap: [l]	L N	Lift flap No lift flap
Cable Entry Type: [e]	A B C D E F G	3 x M20x1.5mm 2 x 1/2" NPT - adaptors 2 x 3/4" NPT - adaptors 2 x M25x1.5mm - adaptors 1 x 1/2" NPT - adaptor 1 x 3/4" NPT - adaptor 1 x M25x1.5mm - adaptor
Stopping plug material: [m]	B N P S	Brass Nylon Nickel Plated Brass Stainless Steel
Duty label / Equipment tag: [d]:	1 2 3 4 5 6 7	No Duty label, no Equip. tag Duty label Stainless Steel Duty label St/St + Equip. tag Duty label Metalised Polyester Duty label M. Poly. + Equip. tag Equip. tag only Special label requirement
Product version: [v]	A1	CE marked, EN54-11 design compliant, SIL2 compliant
Enclosure colour: [x]	R B N Y V S K M Z	Red Blue Green Yellow Red/White Yellow/Black Black Magenta Red/Black
Default variable: [u]	N	Default = N - not currently used
E.O.L.Module: [e] optional	ExxxR ED1 ExxxZ	Resistor value in Ohms e.g. E470R = 470 Ohm Diode IN4007 = ED1 Zener diode e.g. E5V1Z = 5.1V
Series Module: [s] optional	SxxxR SD1 SxxxZ	Resistor value in Ohms e.g. S1K5R = 1.5K Ohm Diode IN4007 = SD1 Zener diode e.g. S5V1Z = 5.1V
Spares:	SP70-0001 SP70-0040	Replacement break glass elements (Pack of 50) BEXCP3-BG Test Key
Accessories:	SP65-0001- A2 SP65-0001- A4 SP65-0002- A2 SP65-0002- A4 SP70-0065	Pole Mount Bracket Kit 2" St/St A2 (304) Pole Mount Bracket Kit 2" St/St A4 (316) Sunshade - St/St A2 (304) Sunshade - St/St A4 (316) Break glass hammer with chain

