

GNExCP6B-BG Break Glass Call Point

The GNExCP6B manual call points are available as break glass, push button or tool reset versions. They are approved for Zone 1, 2, 21 and 22 hazardous areas for the control of fire and gas alarm systems. All types are available with EOL or series resistors, diode or Zener diodes or an LED indicator and also with either single or double pole change over switches. All versions are certified to ATEX and IECEx standards.

Specification:

GNExCP6B:	II 2G Ex e d mb IIC T4 Gb II 2D Ex t IIIC T80°C Db IP66
Ambient:	Ta = -40°C to +50°C
Ingress protection:	IP66
Housing material:	GRP - glass reinforced polyester (UV stable)
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.
Stopping plugs:	2 x Ex e nylon plugs as standard Brass and stainless steel plugs optional
Terminals:	6 x 4.0mm ² / 8 x 2.5mm ²
Test:	Test key facility

Note:

For applications that do not require monitoring resistors, diodes or indicator LED's please see the GNExCP6A-BG version. Data sheet reference: 1.3.04.

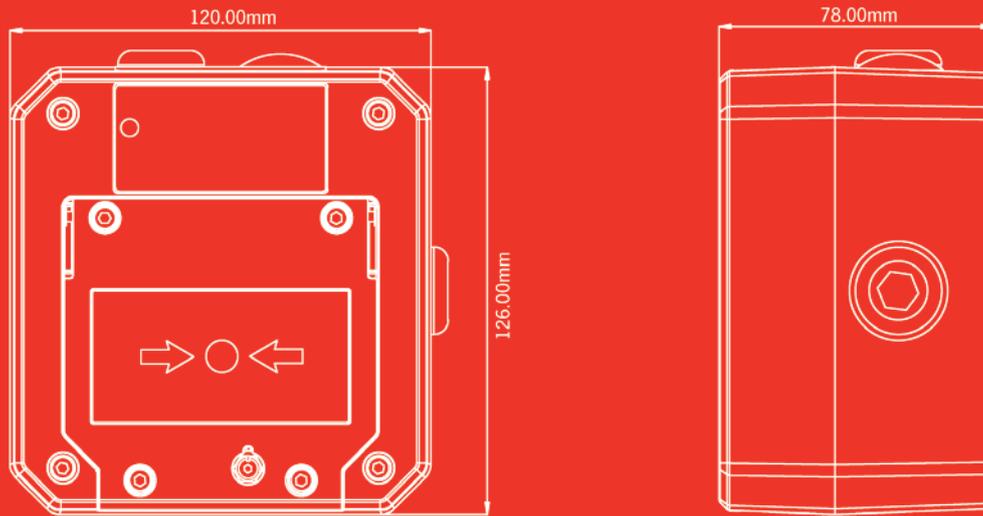
Options:

- Alternative housing colours are available to meet specific requirements.
- Single or double pole c/o switch.
- DIN rail mounted terminal blocks: 8 x 2.5mm².
- Metalised polyester or stainless steel "Duty" label.
- Series and/or End of Line resistors, diodes & Zener diodes
- Indicator LED.

Approvals:

- ATEX certificate: Sira 09ATEX3286X, IEC 60079-0:2007 Ed 5, EN 60079-1:2004, EN 60079-7:2007, IEC 60079-18:2009 Ed 3, EN 61241-1:2004
- IECEx certificate: IECEx SIR 09.0121X, IEC 60079-0:2007-10 Edition: 5, IEC 60079-1:2003 Edition: 5, IEC 60079-18:2009 Edition: 3, IEC 60079-7:2006-07 Edition: 4, IEC 61241-1:2004 Edition: 1





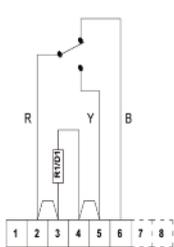
Versions:

The GNExCP6B call point can contain a maximum of two resistor or diode E.O.L. or series modules. The LED indicator can be combined with an EOL resistor or diode.

Resistors:	Nominal Voltage:	Maximum Voltage:	Min. Series Value:	Max Current Resistor:	Zener Diodes:	Zener Voltage:	Maximum Input Volt.:	Maximum Current:
	48V	56V	1K8	0.75A		3.3V	56V dc	230mA
	24V	28V	470R	1.00A		4.7V	56V dc	162mA
	12V	15V	120R	1.00A		5.1V	56V dc	149mA
	6V	9V	47R	1.00A		5.6V	56V dc	136mA
						6.2V	56V dc	122mA
						6.8V	56V dc	112mA
						10V	56V dc	76mA
						12V	56V dc	63mA

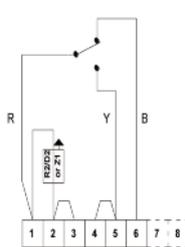
Diodes:	Maximum Voltage:	Max Current:
	<56V dc	0.75A
	<50V dc	1.00A

Ex d certified microswitch.



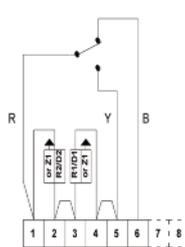
Single microswitch with (R1) EOL Resistor or (D1) EOL Diode Circuit shown with Glass Intact.

Ex d certified microswitch.



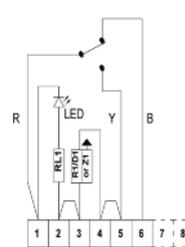
Single microswitch with (R2) Series Resistor, (D2) Series Diode or (Z1) Zener Diode Circuit shown with Glass Intact.

Ex d certified microswitch.



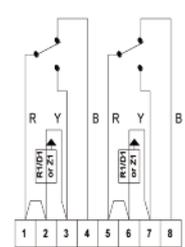
Single microswitch (R2) Series and (R1) EOL Resistors or (D2) Series and (D1) EOL Diode or (Z1) Zener Diode Circuit shown with Glass Intact.

Ex d certified microswitch.



Single microswitch LED Indicator module and optional EOL Resistor / Diode (R1 or D1) Circuit shown with Glass Intact.

Ex d certified microswitches.



Double microswitch shown with optional EOL Resistors / Diode (R1 or D1) / (Z1) Zener Diode Circuit shown with Glass Intact.

Part Codes:

Type:	Switch Type:	Stopping Plugs:	Terminal: Type:	Lift Flap:	Duty Label:	Body Colour:	Nominal Voltage dc:	E.O.L Module:	Series Module:	
GNExCP6B	BG	S	N	S	N	N	RD	48	ExxxR	SxxxR
		D*	B	D	L	P	BL	24	ED1	SD1
		S			S	GN	12	ExxxZ	SxxxZ	
						YW	06		LED	
						RW				
					YB					
					BK					

Type:	GNExCP6B		Terminals:	S	Standard 6x4mm ²	Voltage:	6, 12, 24, 48V dc
Version:	BG	Break Glass		D	DIN Rail 8x2.5mm ²	E.O.L module:	Resistor: ExxxR e.g. 470 Ohm = E470R
Switch type:	S	Single Pole	Duty Label:	N	Not required		Diode IN4007: ED1
	D	Double Pole *		P	Metalised polyester duty label		Zener: ExxxZ
Stopping Plugs:	N	Nylon		S	Stainless steel duty label		e.g. 5.1V = E5V1Z
	B	Brass	Body Colour:	RD	Red	Series module:	Resistor:SxxxR
	S	Stainless Steel		BL	Blue		e.g. 2.2K Ohm = S2K2R
Lift Flap:	N	No lift flap		GN	Green		Diode IN4007: SD1
	L	Lift flap		YW	Yellow		Zener: SxxxZ
				RW	Red/White		e.g. 12V = S12VZ
				YB	Yellow/Black		L.E.D: LED
				BK	Black		

e.g.: GNExCP6B-BG-S-N-S-L-N-RD-24-E470R-S10KR

GNExCP6B call point - Break Glass type - Single Pole switch - Nylon stopping plugs - Standard terminals - Lift flap - No duty label - Red housing - 24V - 470R E.O.L resistor - 10K Series resistor

* Note: When ordering GNExCP6B units with DPCO double pole switches please be aware that DIN Rail type terminals must be specified. Please contact sales to discuss available configurations of EOL or series resistors and diodes when using double pole switches.