

GNExCP6B-PB Push Button 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 L.E.D. indicator and also with either single or double pole change over switches. All versions are certified to ATEX and IECEx standards.

Part Codes:

Type:	GNExCP6B
Version:	PB: Push Button
Switch Type:	S: SPCO D: DPCO
Stopping plug Type:	N: Nylon B: Brass S: St/St
Lift Flap:	N: No flap L: Lift flap
Duty Label:	N: Not required P: Metalised polyester (self adhesive) S: St/St
Body Colour:	RD: Red BL: Blue GN: Green YW: Yellow RW: Red/White YB: Yellow/Black BK: Black
Nominal Voltage dc:	48 / 24 / 12 / 06
EOL Module:	ExxxR: Resistor e.g. 470 Ohm = E470R ED1: Diode IN4007: ED1 ExxxZ: Zener e.g. 5.1V = E5V1Z
Series Module:	SxxxR: Resistor e.g. 2.2K Ohm = S2K2R ED1: Diode IN4007: ED1 SxxxZ: Zener e.g. 12V = S12VZ L.E.D.: LED

e.g.: GNExCP6B-PB-S-N-S-N-RD-24-E470R-S10KR
: GNExCP6B call point - Push Button type - Single Pole switch
- Nylon stopping plugs - Standard terminals - No duty label -
Red housing - 24V - 470R E.O.L resistor - 10K Series resistor

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

Versions:

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

Resistors:

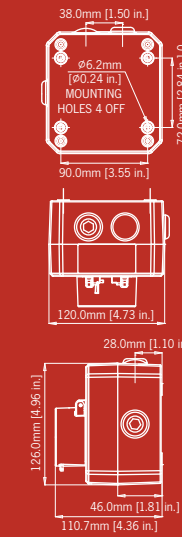
Nominal Voltage:	Max Voltage:	Min. Series Value:	Max Current:
48V	56V	1K8	0.75A
24V	28V	470R	1.00A
12V	15V	120R	1.00A
6V	9V	47R	1.00A

Zener Diodes:

Zener Voltage:	Max Input Volt.:	Max Current:
3.3V	56V dc	230mA
4.7V	56V dc	162mA
5.1V	56V dc	149mA
5.6V	56V dc	136mA
6.2V	56V dc	122mA
6.8V	56V dc	112mA
10V	56V dc	76mA
12V	56V dc	63mA

Diodes:

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



Specification:

GNExCP6B:	II 2G Ex e d mb IIC T4 Gb II 2D Ex t IIIIC 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
Weight:	1.3Kg

For applications that do not require monitoring resistors, diodes or indicator L.E.D.'s please see the GNExCP6A-PB version.

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 L.E.D.

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