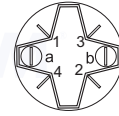
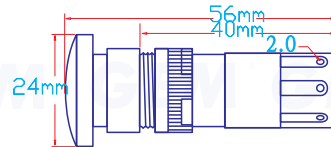
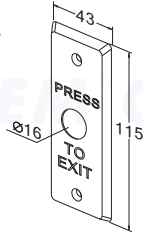


Back-light Button Series offers a LED function in order to provide its users with ease of use in the dark.



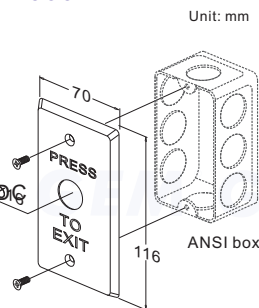
PBT-010L



1,2=N/C  
3,4=N/O  
a=V0, b=V+

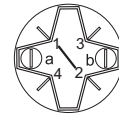
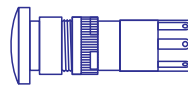


PBT-060BL

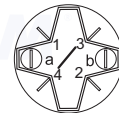
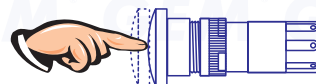


Unit: mm

Free Position



Operation Position

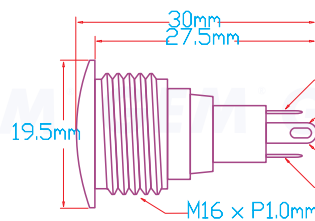
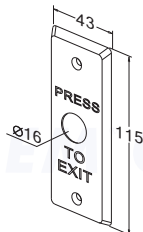


3.2mm Operating travel:  
3.2 mm

Max. Ratings : 5A@250 Vac, 6A@24V DC  
Lamp : 6~12V DC, max.60V/1.2W  
Current Draw: 25mA@12VDC  
Type of actuation: Momentary  
Contact arrangement: DPDT  
Operating travel: 3.2 mm  
Operating temp. Range: -20~+70C  
Contact resistance: 50 mΩ Max.(initial)  
Operating life(Mechanical) : Over 100,000 times  
Materials(Button): PVC, Faceplate: stainless



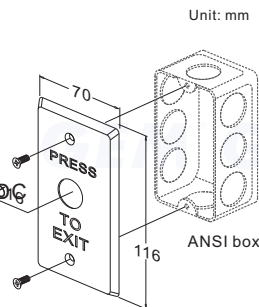
PBT-015



Blue=terminal  
Red=power input V+  
Black=power input V0  
Blue=terminal

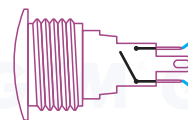


PBT-015B



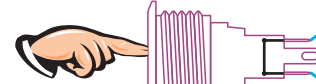
Unit: mm

Free Position



Blue=N/O output  
Blue=N/O output

Operation Position



Blue=N/C output  
Blue=N/C output

2.0mm Operating travel:  
2.0 mm

Max. Ratings : 3A@125 Vac, 6A@24V DC  
Lamp : 12V DC  
Current Draw: 15mA@12VDC  
Type of actuation: Momentary  
Contact arrangement: DPDT  
Operating travel: 2 mm  
Operating temp. Range: -20~+70C  
Contact resistance: 50 mΩ Max.(initial)  
Operating life(Mechanical) : Over 100,000 times  
Materials(Button): Zinc alloy, Faceplate: stainless

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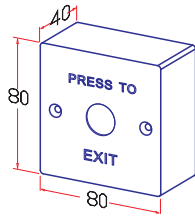
No. 13, Zhong Sing Road, Tu-Cheng Industrial Zone,  
Tu-Cheng City, Taipei, Taiwan 23678  
Tel: 886-2 2267 7986 / Fax: 886-2 2267 9876  
E-Mail: info@gianni.com.tw  
Website: gianni.tw  
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DM-CA-PBT-Backlight Ver. E Published on 2008.05.16



The products are manufactured under an ISO 9001 & QC 080000 Certified Quality Management Program environment back its product quality, performance and commitment to customer satisfaction.



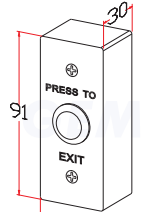
**PBT-090-LED**  
(surface mount)



Unit: mm



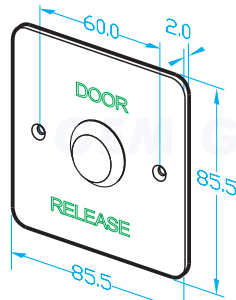
**PBT-100-LED**  
(surface mount)



Unit: mm



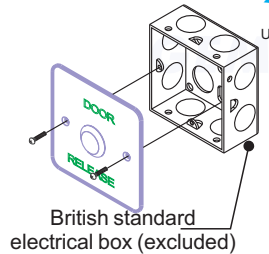
**PBT-419DR-LED**



Unit: mm



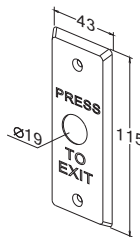
**PBT-419PTE-LED**



British standard electrical box (excluded)



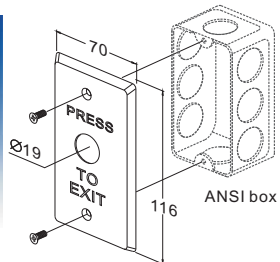
**PBT-020-LED**



Unit: mm



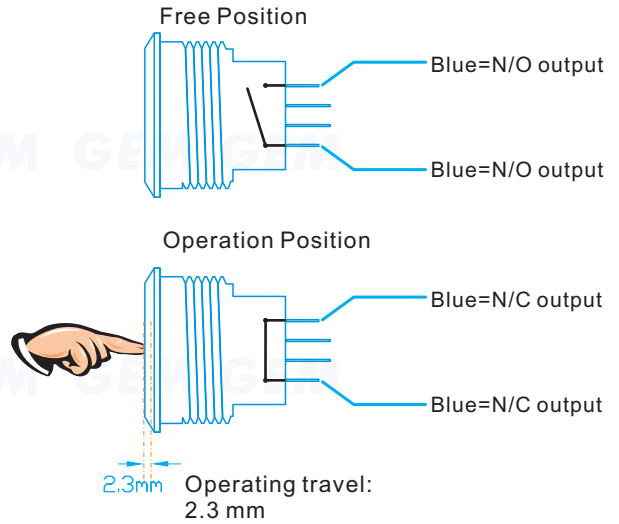
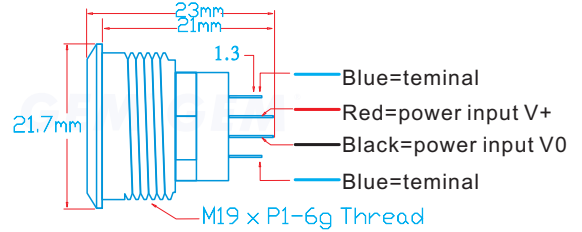
**PBT-020B-LED**



ANSI box

### Switch Specifications

Current ratings: 10mA, 12VDC  
Panel Sealed to IP67  
Dielectric strength: 1,000VAC  
Type of actuation: Momentary  
Circuit: normal open (N.O.)  
Operating travel: 2.3 mm  
Operating force(nominal): 3N/306g  
Torque (max): 10 inch/pounds  
Operating temp. Range: -40~+85C  
Contact resistance: 50m Ω Max.(initial)  
Operating life(Mechanical) : Over 500,000 times  
Materials: stainless steel



### Optional Accessory



**SMB-050 SMB-040 SMB-86ALU**

This series of request to exit can be mounted directly in ANSI electrical box (Flush mount) or surface mounting Installation: SMB-050 , SMB-040, SMB-86ALU housing is optional for surface mount.

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