



PEW Electrical Distributors

## Pushbuttons



## ACHILLE

Vandal resistant push button to Category 1 with or without Braille



EN 81-70

EN 81-71

### MAIN FEATURES



- Body: zamak and nylon push button
- Bezel: zamak (chrome or gold, pearled nickel, pearled gold, anthracite)
- Pressel: polycarbonate with stainless steel AISI 304 or gold/black PVD coated finishes; 15mm height raised legend(s) with or without Braille
- Wide range of legends available
- Illumination: LED 12V or 24V DC 30mA
- Illumination options: MonoLight (standby off - on); Bicolor (standby full - full)
- Mounting: the pushbutton is put into the cut out (Ø 32,2) from the front and fixed by a threaded ring from the rear
- Faceplate Thickness: 0,7 mm to 5 mm.
- Contacts: 1 micro switch or 2 micro switches
- Wiring: Screw Terminal or pre-wired connectors (AMP, JST or Minispoj)
- Stroke: 1,2 mm
- Average life: 2,000,000 activations
- Degree of protection: IP51 with metal spring/IP54 with silicone spring and o-ring
- Complies to EN81-70, EN81-71 Cat 1, EN81-72 and EN81-73 (with IP54 seal)

### FINISHES

BLACK  
Bead Blast



ACHBK/

INOX  
Bead Blast



ACHSS/

BLACK  
Bead Blast  
with Braille



ACHBBK/

INOX  
Bead Blast  
with Braille



ACHBSS/

BRONZE  
Bead Blast  
with gold  
bezel



ACHBR/

GOLD  
Bead Blast  
with Braille



ACHBGDG/

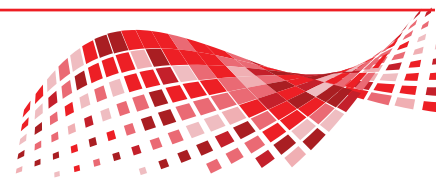
### ILLUMINATION STYLES

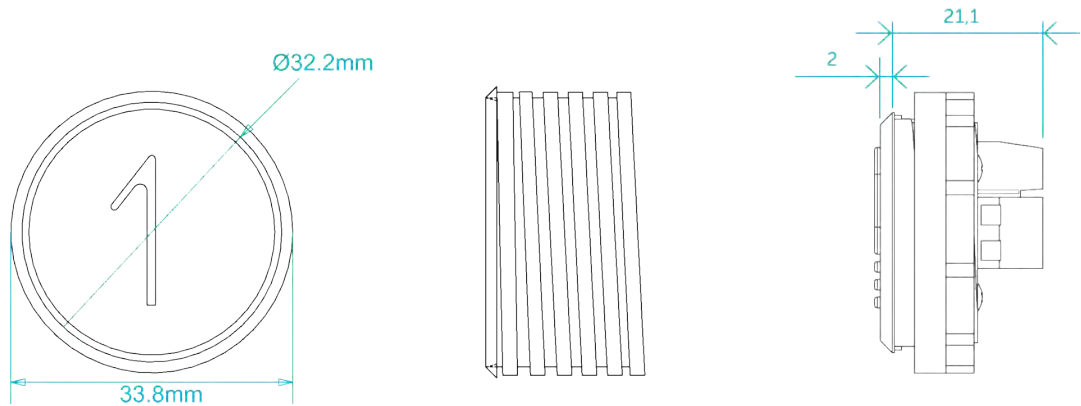


BICOLOR (Standby Halo ON Colour 1, Latched Halo ON Colour 2) Illumination colours: White/Blue, White/Red.

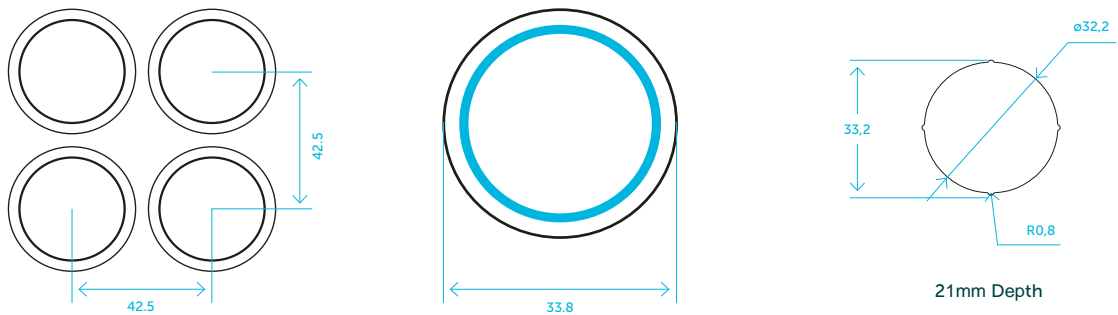
DEMI-LIGHT (Standby Halo Dim, Latched Halo ON Full) Illumination colours: Red, Blue, Green, Amber, White.

MONOLIGHT (Standby OFF, Latched Halo ON) Illumination colours: Red, Blue, Green, White, Amber

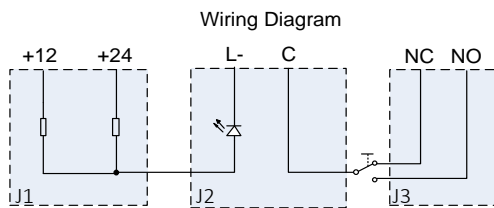
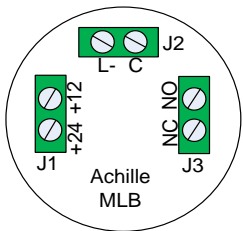




DIMENSIONS

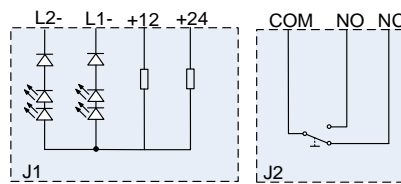
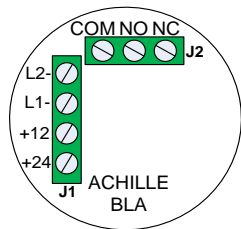


CONNECTIONS - MONOLIGHT



| PIN | FUNCTION   |
|-----|--|
| J1  | <b>+12</b> : Lighted halo (+) power supply +12V<br><b>+24</b> : Lighted halo (+) power supply +24V |
| J2  | <b>L-</b> : Lighted halo (-)<br><b>C</b> : Common contact  |
| J3  | <b>NC</b> : Normally closed contact<br><b>NO</b> : Normally open contact                           |

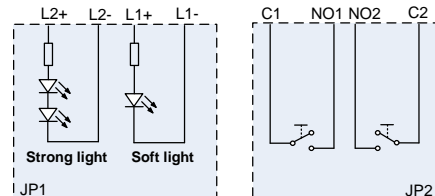
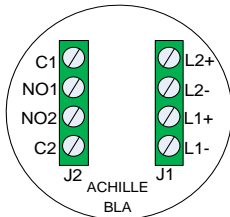
CONNECTIONS - BICOLOR



Positive Common Wiring

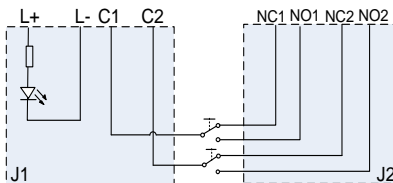
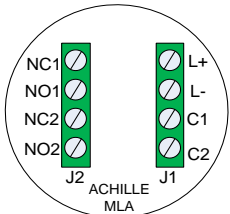
|    |  |
|----|--|
| J1 | <b>L2-</b> : Lighted halo 2 (-)<br><b>L1-</b> : Lighted halo 1 (-)<br><b>+12</b> : Power supply +12V<br><b>+24</b> : Power supply +24V |
| J2 | <b>COM</b> : Common contact<br><b>NC</b> : Normally closed contact<br><b>NO</b> : Normally open contact                                |

CONNECTIONS - DEMI LIGHT



|    |  |
|----|--|
| J1 | <b>L2+</b> : Latched halo (+)<br><b>L2-</b> : Latched halo (-)<br><b>L1+</b> : Standby halo (+)<br><b>L1-</b> : Standby halo (-)             |
| J2 | <b>C1</b> : Common contact 1<br><b>NO1</b> : Normally open contact 1<br><b>NO2</b> : Normally open contact 2<br><b>C2</b> : Common contact 2 |

CONNECTIONS - 2 contacts



|    |  |
|----|--|
| J1 | <b>L+</b> : Lighted halo (+)<br><b>L-</b> : Lighted halo (-)<br><b>C1</b> : Common contact 1<br><b>C2</b> : Common contact 2                                     |
| J2 | <b>NO1</b> : Normally open contact 1<br><b>NC1</b> : Normally closed contact 1<br><b>NO2</b> : Normally open contact 2<br><b>NC2</b> : Normally closed contact 2 |