



BumbleBee™PPB

Pedestrian Push Button

by Fortel Traffic, Inc

This PPB's unique construction makes it virtually indestructible. PPB unit is completely self-powered, maintenance-free, and constructed of highly durable, corrosion-proof materials that are chip and crack resistant even under heavy impact. The magnetic reed switch ensures long life and is triple-seated (no contact with pushbutton) for complete environmental protection.

Specifications:

Physical Characteristics

Overall dimensions: (length x width x depth)

- Box Mount: 4.3" x 2.8" x 2.65"
- Round: 3.15" DIA. x 2.65"
- Pelco Style Box Mount: 4.48" x 2.8" x 2.65"
- Other models also available

Plunger Specifications

- Diameter: 2"
- Extension beyond bezel (static state): 0.45"
- Pre-Travel (from static to actuate): 0.150"
- Over-Travel (from actuate to end stop): 0.10"
- Switch release to static state: 0.125"

Operating Force: <3.7 lbf

Release Force: <3.7 lbf

Color: Black Bezel with High Visibility Yellow Plunger

Temperature Range: (Centigrade)

- Operate: -40 to +85
- Storage: -40 to +85



Electrical Switch Characteristics

Contact Rating: 20 Watts (max)

Voltage: (VDC)

- Switching: 200 (max)
- Breakdown: 250 (min)

Current: (Amperes)

- Switching: 1.0 (max)
- Carry: 1.0 (max)

Resistance: (Ohms)

- Contact, initial: 0.2 (typical)
- Contact insulation: 10 (min)

Capacitance: (pF typical)

- Contact: 0.4¹⁰

Operating Life: > 10,000,000 Cycles

