

# Panel Mount Pushbutton

## Single Pole

E6 F6 series



### Features

- Choice of Momentary, Push-Pull (reset) and Cheat Interlock
- Long life coil spring snap action mechanism
- Agency approved extended life versions available
- Snap in mounting
- ENEC available on select models
- **Cadmium** contacts for high load requirements

### Standard Parts

0E65-00A0    0E68-00A0    0E68-30A0    0E68-40A0    0E69-00A0    0E69-30A0    0E69-40A0

0F69-00A0    0F69-30A0    0F69-65A0    0F69-66A0

Notes:

Part numbers with a leading 0 and a trailing 0 are functionally no different than without a leading / trailing 0.

### Electrical Specifications – Contact Ratings

| Switch Series | According to EN61058-1 |                  | According to UL1054                       |                  |
|---------------|------------------------|------------------|-------------------------------------------|------------------|
|               | Nominal Load           | Operating Cycles | Nominal Load                              | Operating cycles |
| 0E65          | N/A                    | N/A              | 16 A, 125/250 VAC; 1/3 HP;<br>125/250 VAC | 6,000 *          |
| 0E68          | N/A                    | N/A              | 0.1 A 125 VAC                             | 6,000 *          |
| 0F68          | 0.1(0.05) A, 125 VAC;  | 50,000           |                                           |                  |
| 0E69          | N/A                    | N/A              | 10 A, 125/250 VAC; 1/3 HP,<br>125/250 VAC | 6,000*           |
| 0F69          | 10(4)A, 250 VAC        | 50,000           |                                           |                  |

\*Extended life UL versions available. Contact factory for more information. Special part number required.

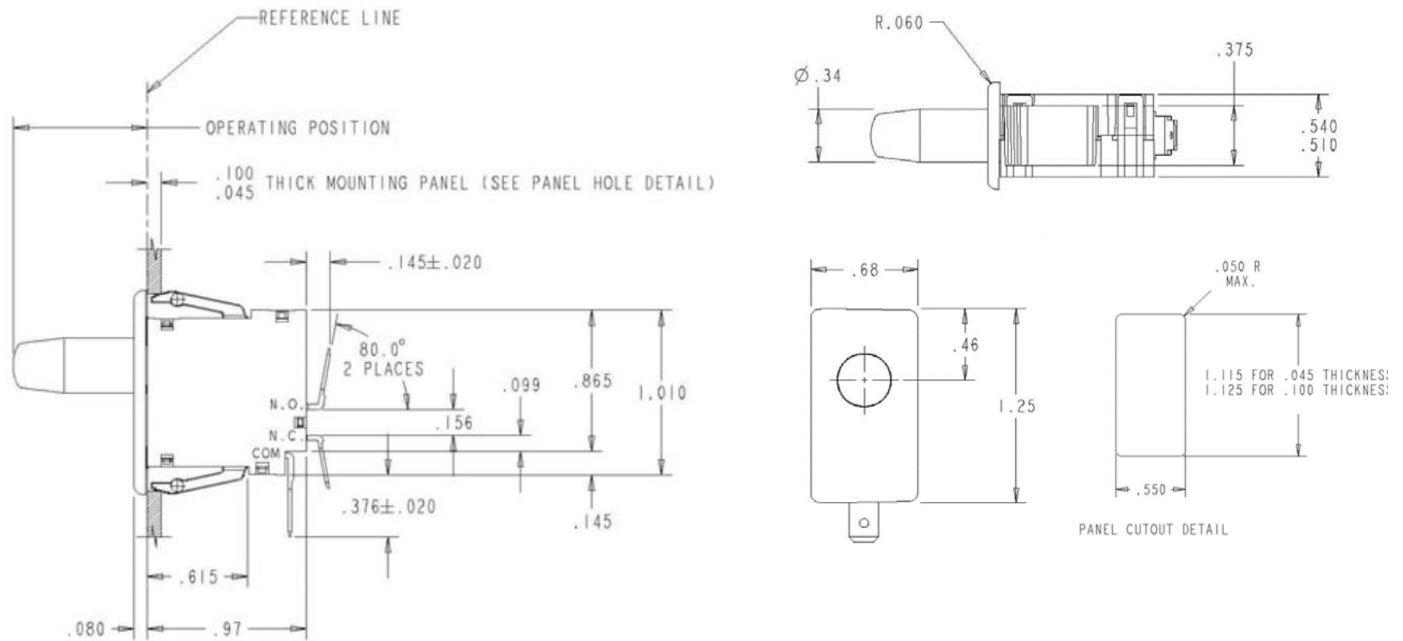
### Environmental and Mechanical Specifications

|                     |                                                                       |
|---------------------|-----------------------------------------------------------------------|
| Operating force     | 285 – 708 grams                                                       |
| Temperature range   | -40 °C to 85 °C                                                       |
| Protection class    | IP40                                                                  |
| Terminal dimensions | Up to 10 A: 4.8 mm x 0.5 mm or 4.8 mm x 0.8 mm; 16 A: 6.3 mm x 0.8 mm |

### Material Specifications

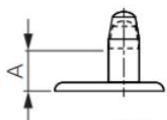
|                 |                          |
|-----------------|--------------------------|
| Case            | Thermoplastic Polyester  |
| Actuator button | Thermoplastic Acetal     |
| Terminals       | Brass (Common Ag plated) |
| Moving blade    | Beryllium Copper         |
| Spring          | Stainless Steel          |
| Contacts        | Silver Alloy, Gold Alloy |

## Dimensions (mm) and terminal configurations



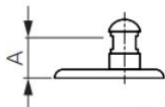
## Button details

### Actuator (function)



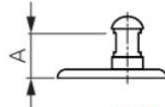
- 00A  
- 66A

Basic momentary  
(Makes contact while actuated)



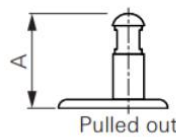
- 20A

Push-pull (Push:  
makes contact, Pull:  
reset position)



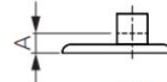
- 30A  
- 65A

Momentary  
(If pushed: normal  
pushbutton function)



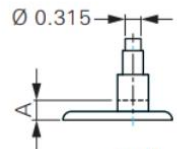
- 30A

Cheat interlock  
(If pulled: permanent  
contact function)



- 40A

Short button momentary  
(Makes contact while being actuated)



- 50A

Momentary – for auxiliary  
button (Makes contact while being actuated)