



**ES440**  
**Painted Aluminum Plate**



**ES442**  
**Mullion**  
**Plate**



**ES441 with**  
**Stainless Steel Plate**

The ES440 Series of push button control units consist of button controlled devices for use in access control systems. Momentary, latching, and time delay relay (TDR) are available.

**Access Control Applications**

- Emergency exits when configured to operate in fail-safe mode.
- Lock release and request to exit applications.

## Electrical Specifications

|                              | Pushbutton Contact                     | Electronic Time Delay Relay      |
|------------------------------|--|----------------------------------|
| Power Requirements           | N/A                                    | 12-24 VAC/VDC @ 100 mA           |
| Control Input                | N/A                                    | Pushbutton or N/O contact        |
| Contact Rating               | 600 VAC@10 AMP; 24 VDC@2.5 AMP; UL/CSA | DPDT 1 AMP @ 30 VDC <sup>1</sup> |
| Relay Hold Time <sup>2</sup> | N/A                                    | 0-60 sec                         |

<sup>1</sup> The DPDT Relay on timer board is a UL Recognized Component

<sup>2</sup> TDR has latching DPDT contacts

## Mechanical Specifications

**Mounting:**       **ES440**       Single gang electrical box  
                           **ES441**       Single gang electrical box  
                           **ES442**       Mullion Trim Plate

**Dimensions:**   **ES440**       3.80”w x 4.60”h x 2.00”d  
                           **ES441**       2.80”w x 4.60”h x 2.00”d  
                           **ES442**       1.65”w x 4.95”h x 2.00”d

## Options

### Button options

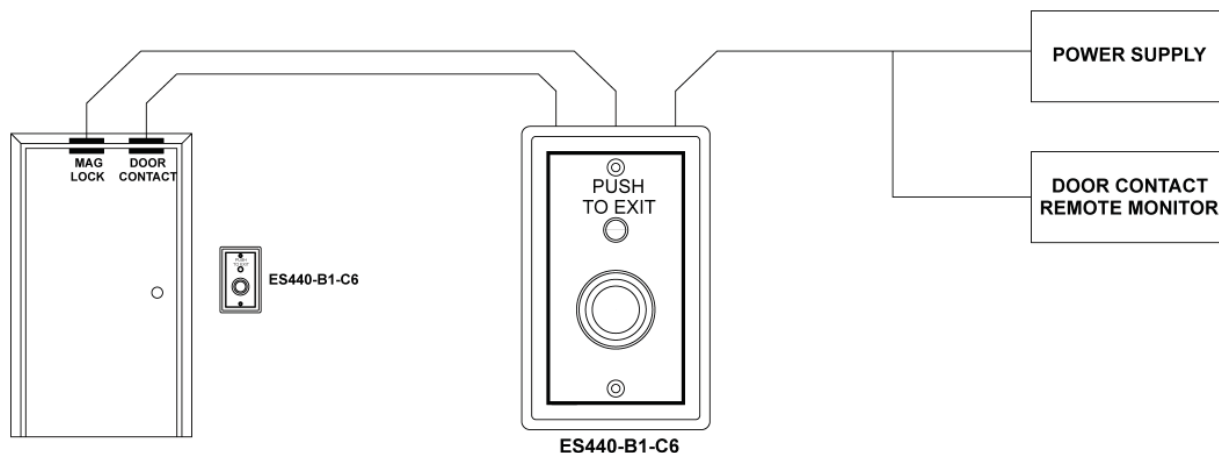
- Shrouded               1.00” dia.
- Medium mushroom   1.57” dia.
- Large mushroom     2.37” dia.

### Button Contact Options

- 1-normally open (N/O) & 1-normally closed (N/C)
- Electronic time delay relay with 1-momentary N/O
- Electronic time delay relay with 1-momentary N/C
- Electronic time delay relay with 1-momentary N/O & 1-momentary N/C\*

\*Electronic time delay relay with 1-momentary N/O & 1-momentary N/C requires use of an extra deep electrical box with a minimum depth of 2.75”. See S1, S2-DEEP and S3 options.

**Pushbutton Unit** used for Failsafe Control of Secured Doors



**ES440-B1-C6 Pushbutton Control** is used to release and shunt secured doors. The time delay relay which is activated by the pushbutton, may be field adjusted for 1-60 seconds. An integral N/C momentary contact may be used to provide fail-safe manual override of the time delay relay.

