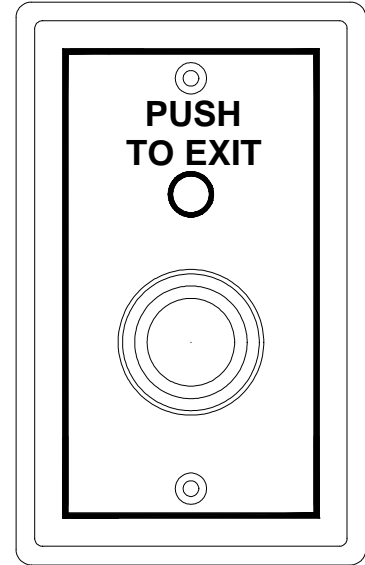


**NOTE: Examples on this page are shown to illustrate available options and may differ in appearance and function from actual product ordered.**

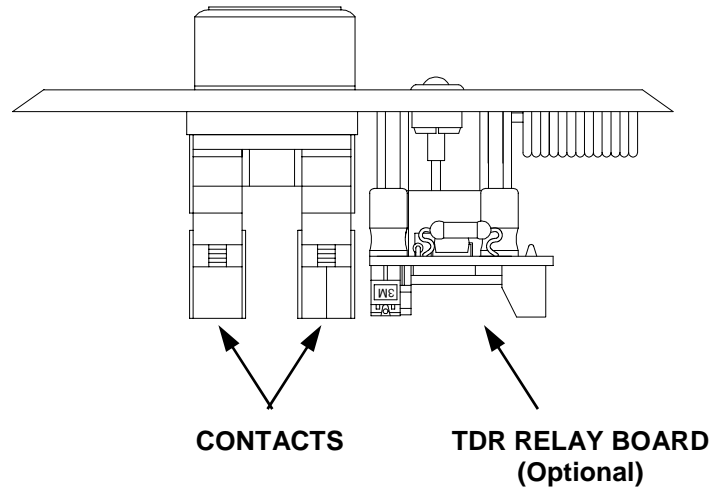
BUTTON	SHROUD	MED. MUSH.	LRG. MUSH
Momentary	<b>B1</b>	<b>B2</b>	<b>B3</b>
Alt. Action	N/A	<b>B4</b>	By Req.
Push/Pull	N/A	<b>B5</b>	<b>B7</b>
Key Release	N/A	<b>B6</b>	<b>B8</b>



**PUSHBUTTON:**

- The ES440 Series provide a reliable and attractive pushbutton control to release and shunt secured contacts. These units are typically mounted near the secured door. When included with a DMA, the added alarm and monitoring features of the DMA may be utilized to alert users and monitoring equipment of violations.
- Stand-alone **Pushbutton contacts** are available in N/O or N/C configurations, and may be used as dry contacts for controlling circuits up to **10A @ 600 VAC or 2.5A @ 300 VDC**. **Contacts are marked as N/O or N/C and connect using screw terminals.**
- The Tables on this page define the Button (-Bx) and Contact (-Cx) option segments of the part number.
- When Pushbutton is pressed, contacts change state. When Pushbutton is restored to normal, contacts return to normal.

CONTACT	STYLE
<b>C1</b>	N/O
<b>C2</b>	N/C
<b>C3</b>	N/O & N/C
<b>C4</b>	TIME DELAY RELAY (TDR)
<b>C5</b>	N/O & TDR
<b>C6</b>	N/C & TDR
<b>C7</b>	2ea. N/C
<b>C8</b>	2ea. N/O
<b>C10</b>	N/O, N/C & TDR



**TDR Datasheet located on page 2.**

*Pushbutton Datasheet located on page 1.*

## TIME DELAY RELAY BOARD OPTION

### OPERATION

- The Time Delay Relay option includes a user-adjustable delay for contacts on the TDR to change state in response to a pre-wired Pushbutton input.
- The adjustment on the TDR is used to set the amount of time which will elapse after the unit is triggered by a Pushbutton input. **Adjustment Range is 1-60 Seconds.**

### WIRING

NOTE: All TDR-equipped units must use one set of Pushbutton contacts (factory pre-wired to TDR). This contact is dedicated to TDR operation and should not be shared. For additional Pushbutton contacts on a TDR-equipped unit, C5, C6 or C10 must be specified. (See contact table on page 1 for info)

- TDR contacts** are available in two (2) Form C (N/O, N/C, Shared Common) **1A @ 30V** contact arrays which change state when the TDR set time expires after being triggered. These may be utilized for a variety of purposes including alerting remote monitoring equipment, controlling door lock power through a remote relay or contactor, etc.
- TDR Power: 12 or 24 VAC/DC @ 150mA** on pins 1 & 2. Not polarity sensitive. **Jumper setting** is changed depending upon voltage used.  
**Jumper ON - 12 Volts**  
**Jumper OFF - 24 Volts**
- The example of the **Back Plate** sticker illustrates the location of the Power, Form-C Contacts, Timer Adjustment, and Voltage Select Jumper on the TDR.

VOLTAGE JUMPER

TIMING ADJUSTMENT

