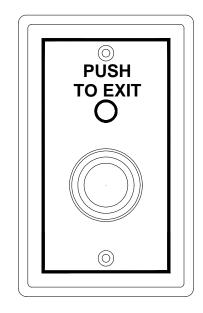


NOTE: Examples on this page are shown to illustrate available options and may differ in appearance and function from actual product ordered.

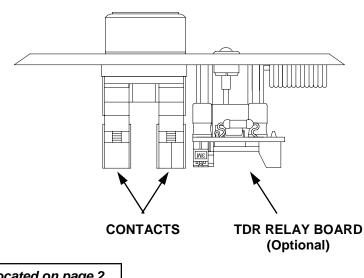
BUTTON	SHROUD	MED. MUSH.	LRG. MUSH
Momentary	B1	B2	В3
Alt. Action	N/A	B4	By Req.
Push/Pull	N/A	B5	В7
Key Release	N/A	В6	В8



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	
C1	N/O	
C2	N/C	
C3	N/O & N/C	
C4	TIME DELAY RELAY (TDR)	
C5	N/O & TDR	
C6	N/C & TDR	
C 7	2ea. N/C	
C8	2ea. N/O	
C10	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.

