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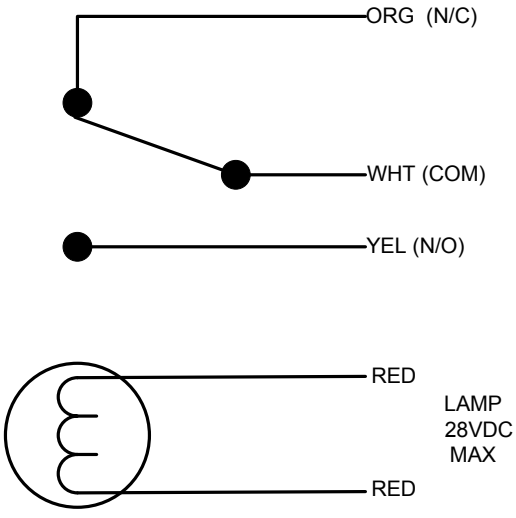
INSTALLATION INSTRUCTIONS
410/420 SERIES PUSH SWITCH





Electrical Specifications

Contact Type: SPDT (Form C)
Contact Ratings: 30VDC @ 5 AMPS
(Resistive)



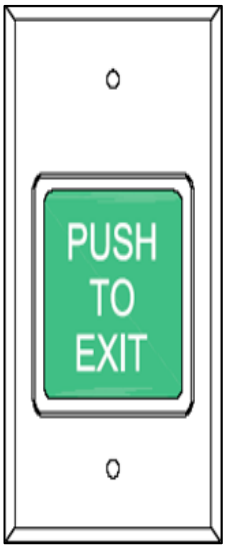
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INSTALLATION INSTRUCTIONS
MODEL 422 PUSH SWITCH



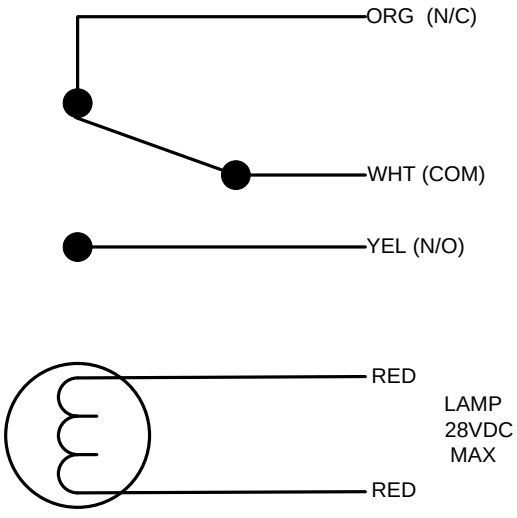
422GPE



422NGPE

Electrical Specifications

Contact Type: SPDT (Form C)
Contact Ratings: 30VDC @ 5 AMPS
(Resistive)



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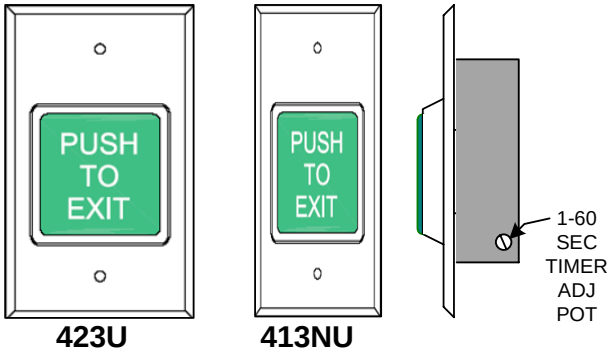
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INSTALLATION INSTRUCTIONS
MODEL 413NU & 423U PUSH SWITCH
1-60 SECOND ADJUSTABLE TIME DELAY

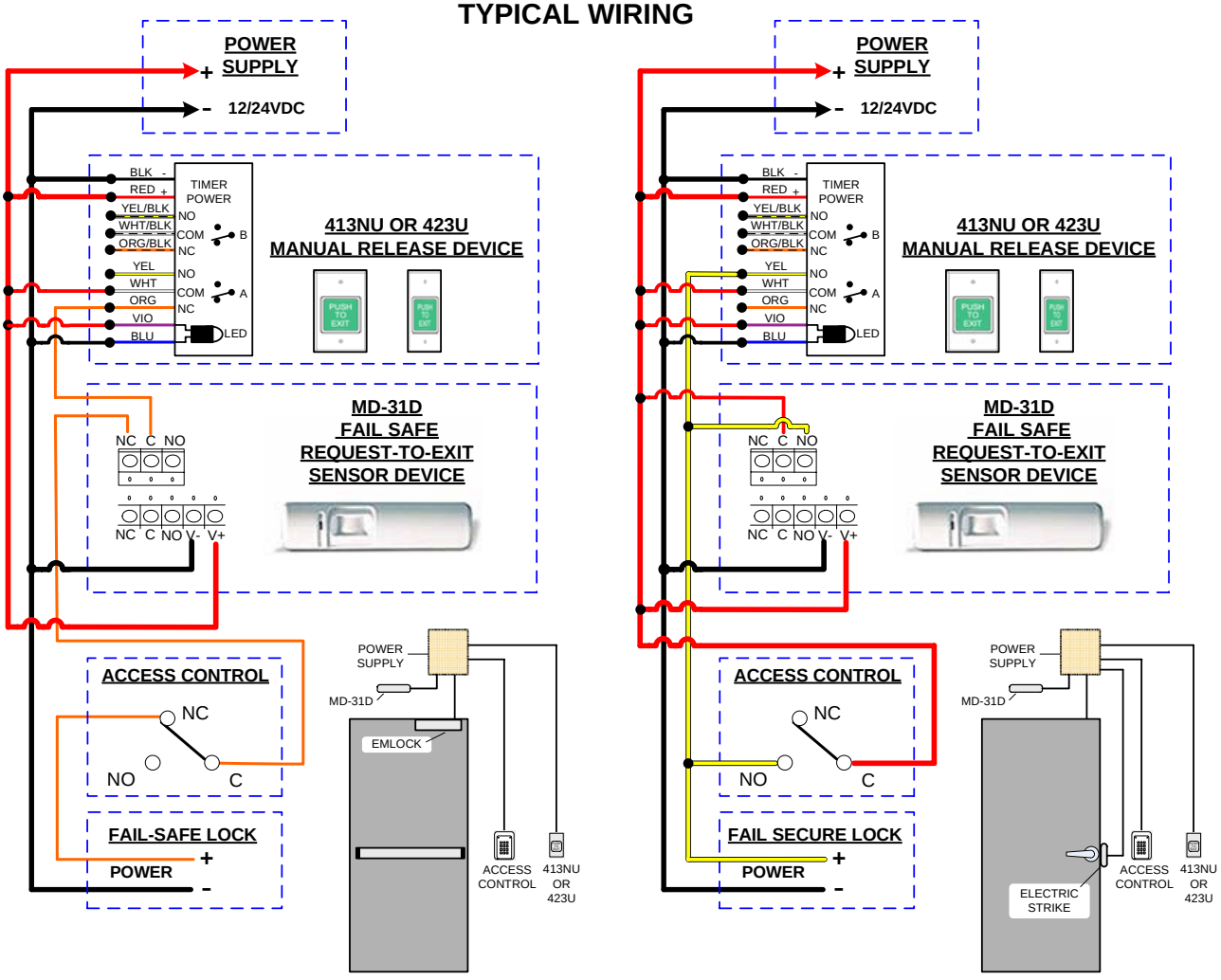
When the button is pressed, the lock releases for 1-60 seconds. If pressed again during the lock release period, the unit will "Retrigger" starting a new release period.

Electrical Specifications

Input Voltage : 12/24VDC @90ma.
LED Indicator : 12/24VDC @ 10/20ma
Output Relay: DPDT
Max Load : 30VDC @ 5 AMP (Resistive)



TYPICAL WIRING



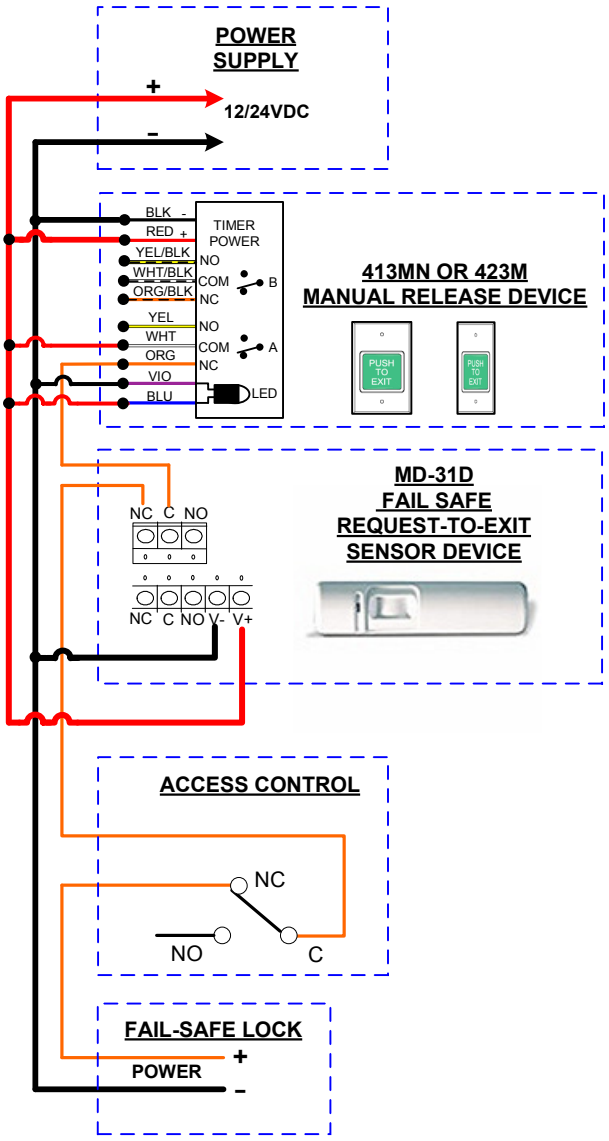
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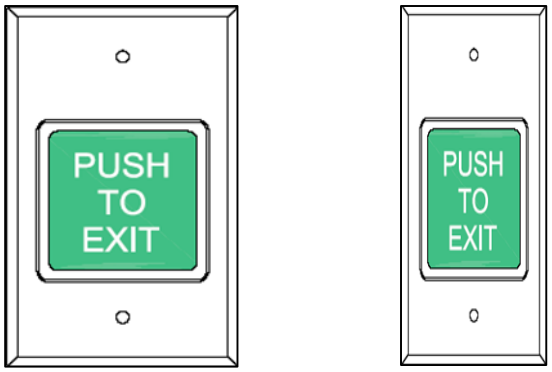
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INSTALLATION INSTRUCTIONS
MODEL 413MN & 423M PUSH SWITCH
FIXED 30 SECOND TIME DELAY

This push to exit button is specifically intended for installation on Access Controlled Egress doors as described in the Boca code. A motion detector is the primary means of releasing a magnetic lock on the door. The push to exit button is intended, as a back up means of releasing the lock in the event there is a problem with the motion detector. When the button is pressed, the lock releases for 30-seconds. If pressed again during the 30-seconds lock release period, the unit will "Retrigger" starting a new 30-second lock release period.

TYPICAL WIRING

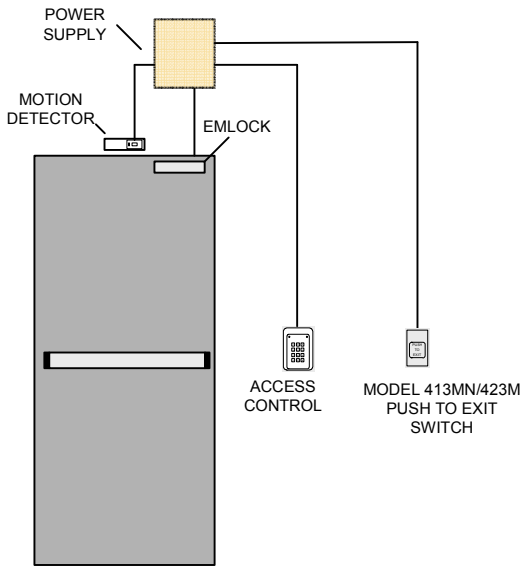




423M 413MN

Electrical Specifications

Input Voltage : 12/24VDC @90ma.
LED Indicator : 12/24VDC @ 10/20ma
Output Relay: DPDT
Max Load : 30VDC @ 5 AMP (Resistive)



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INSTALLATION INSTRUCTIONS
414 & 424 PUSH SWITCH

424U

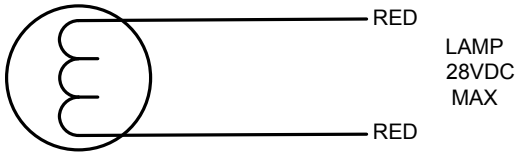


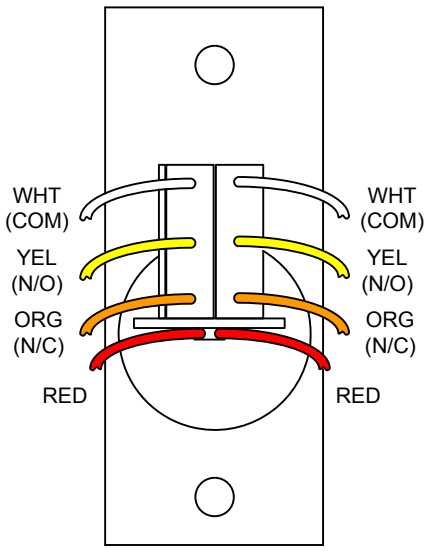
414NU



Electrical Specifications

Contact Type: DPDT (Form C)
Contact Ratings: 30VDC @ 5 AMPS
(Resistive)

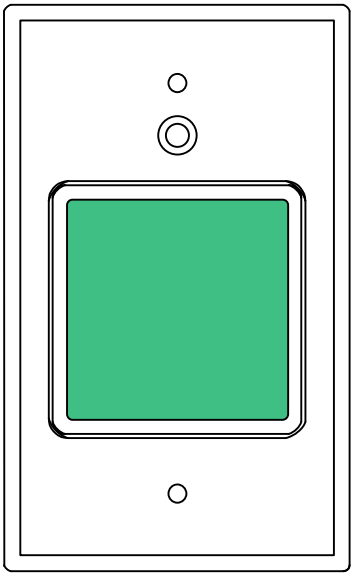




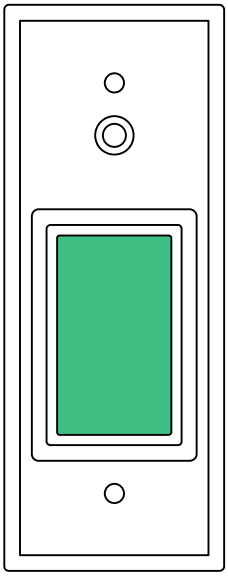
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INSTALLATION INSTRUCTIONS
MODEL 415N & 425 ON/OFF PUSH SWITCH



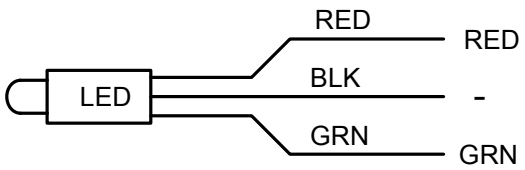
425

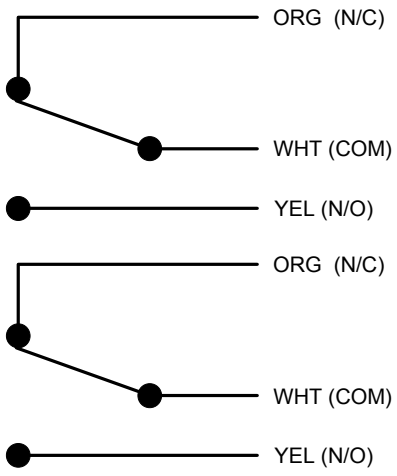


415N

Electrical Specifications

Contact Type: DPDT (Form C)
Contact Ratings: 30VDC @ 5 AMPS
(Resistive)

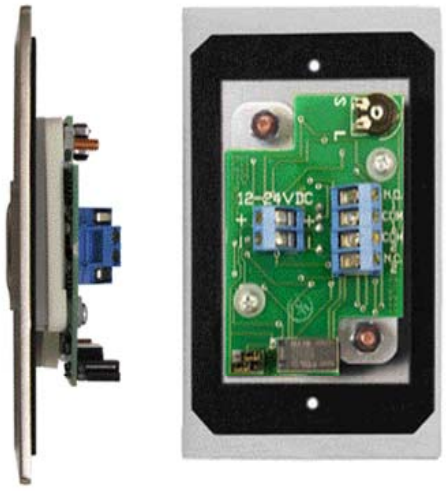


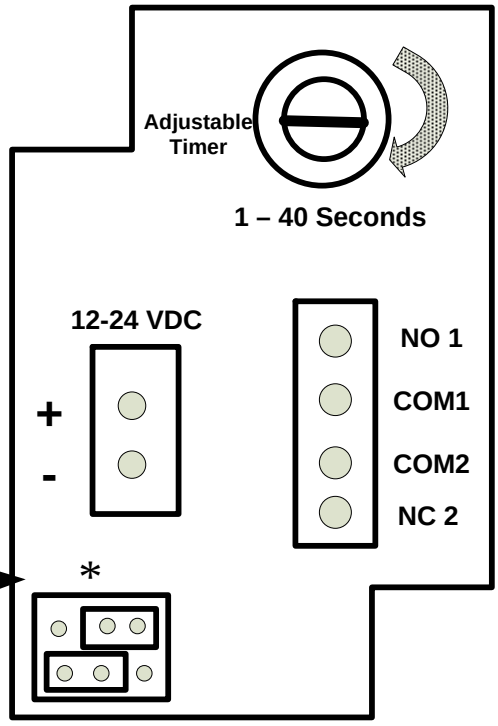


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INSTALLATION INSTRUCTIONS
MODEL 460
REQUEST – TO – EXIT - SWITCH





With the jumpers * as shown the red LED's are on in stand-by and the green LED's turn on when the relay is on.

Specifications

Input Voltage: 12/24VDC

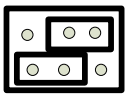
Current:
LED On: Idle-60mA, Active 120mA
LED Off: Idle-10mA, Active-60mA

Outputs:
1 N.O., 1 N.C., 2 Amp @ 30VDC

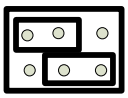
Switch Operating Environment
-40° F to +160°F (-40° C to +70°C)

Dimensions
4.5" H x 2.75" W x 1.25" D
(11.4 x 7 x 3.2 cm)

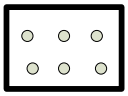
Selectable Bi-color Illumination Status
Relay Off – Red, Green or None
Relay On – Red, Green or None



Red On – Standby
Green On – Relay Action



Red On – Relay Active
Green On - Standby



Red Off
Green Off

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