

## 5287 SERIES HEAVY DUTY PUSH BUTTONS

### Heavy Duty Push Buttons



#### Features:

**Impact Resistant**

**All Metal Construction**

**Deflecting Guard Ring**

**Easily Operated Button Actuator**

**Color Filled Engraved Letters**

#### Designed for use in abusive applications

Such as accessing casino cash rooms, hospital emergency rooms and all types of warehouses. The 5287 heavy duty push button is particularly suited for installation in environments where it may be impacted by rolling carts or loaded warehouse wagons. Engineered to absorb direct force impact and deflect side blows, the push button's attractive rounded form factor also prevents snags on passing pedestrian traffic. The standard 5287 exit release switch features an easily operated 1-1/2" diameter solid minimum push button housed in a protective beveled aluminum guard ring. All aluminum components are clear Anodized for protection and durability.

#### Two Choices of Back Plates

The "W" series is a standard single gang 1/8" thick aluminum back plate. The "D" series is mounted on a 2 gang plate. Both the "W & D" series feature beveled edges on all exposed surfaces. All units are furnished with standard slotted head screws, as well as Pin in Hex tamper resistant screws. (hex key included) Both screw sets are stainless steel for corrosion protection.

#### Variety of Contact Forms

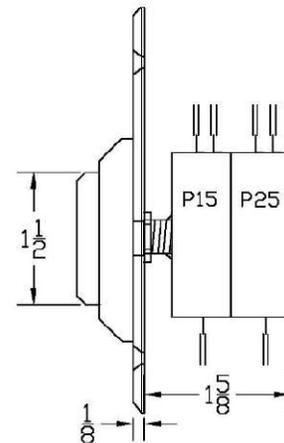
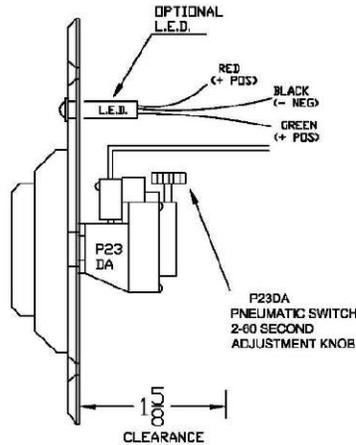
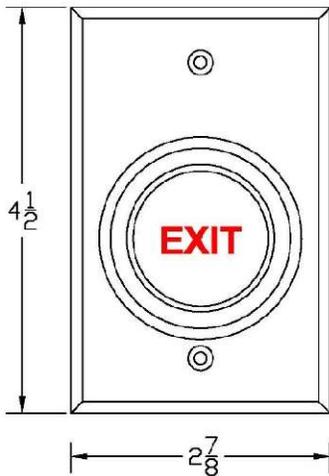
Dortronics' W5287 can be configured for a variety of installation options including momentary or maintained action double pole double throw (DPDT) contacts. As well, it is available with a Pneumatic or Electronic adjustable time delay to meet NFPA and BOCA code requirements. All contacts are UL Recognized components.

#### Access Control Applications

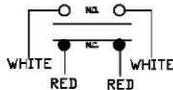
When used in conjunction with access control software/hardware, the Pneumatic time delay is the perfect choice of contacts. DC power to the maglock is routed through the set of normally closed contacts to assure unlocking of the maglock when the W5287 Pushbutton is activated. Simultaneously, a separate set of normally open contacts signal the access control system of a request to exit (R-E-X). The lock power and R-E-X signal are kept separate through the double set of contacts.



# Product Specifications

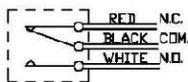


## PNEUMATIC DPST P23DA



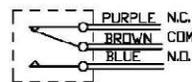
## MOMENTARY SPDT P15

(1 SET OF CONTACTS SHOWN)

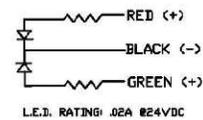


## MOMENTARY DPDT- P25

(2ND SET OF CONTACTS SHOWN)



## L.E.D. OPTION



## Model Descriptions:

W5287-P24 = DPDT-Maintained with single gang Switch Plate

W5287-P25 = DPDT-Momentary with Single gang Switch Plate

W5287-AT = DPDT-Electronic Timer 2-60 Second Adjustable Single Gang Switch Plate

W5287-P23DA = DPST-Pneumatic Timer 2-60 Second Adjustable Single gang Switch Plate

Double gang Plate = 4-1/2" x 4-1/2"  
D5287-P24 = DPDT-Maintained with Double gang Switch Plate

D5287-P25 = DPDT-Momentary with Double gang Switch Plate

D5287-P23DA = DPST=Pneumatic Timer 2-60 Second Adjustable Double gang Switch Plate

D5287-AT = DPDT-Electronic Timer 2-60 Second Adjustable Double gang Switch Plate

## Electrical Specifications:

Immediate response contacts – UL E42363  
Momentary P15/P25

6 amps @ 125VAC

4 amps @ 24VDC

Delayed Action Pneumatic – UL E79139 10 amps (resistive) @ 125VAC/24VDC All switches are furnished with 8" long color-coded stranded wire leads for ease of identification and customer hook-up.

## Finishes:

The standard finish is clear anodized aluminum.

xBRE = Baked Red Enamel (button only)  
(specify backplate if required)

xDBA = Drak Bronze Anodized  
xUS3 = Polished Brass Plating  
xUS4 = Satin Brass Plating  
xUS26 = Polished Chrome Plating

## Engraving:

xE1 = "PUSH TO EXIT" (black text)

xE1R = "PUSH TO EXIT" (red text)

xE3 = "EXIT" (red text)

xHCP = Handicap logo (blue fill)

xHCP3 = Handicap logo (white fill on blue button)

xE6 = Custom Engraving

## Specifications:

Switch controls shall be manufactured by Dortonics Systems, Inc. Push button station controls shall be momentary type P25 or maintained P24.

Contacts rated 4 amps @ 24VDC. Where scheduled.

Pneumatic Time delay station controls shall be adjustable from 2-60 seconds with DPST form "Z" contacts. 10 amps resistive @125VAC/24VDC where scheduled.

Unless noted otherwise, push button switch assemblies shall be flush wall mounted to standard, recess mounted, electrical boxes. Mounting screws will be slotted oval head or flat head Pin-in-Hex tamper resistant type stainless steel as required.

Push buttons and mounting plates shall be constructed of anodized aluminum with smoothed and beveled edges on all four sides.

Plated finishes shall be Polished or Satin. Text will be Engraved and paint filled.



# DORTRONICS SYSTEMS, INC.

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