7286 SERIES DOOR PROP ALARMS

Economical Single Door Monitoring

Adjustable Exit Time & Warning Period

Visual & Audio Alarm Indication

Reliable Operation

Made in the USA

Local and Remote Alarms

The Dortronics 7286-PT series of door prop alarms provide an audible warning sounder, at the door, if it is not closed within a specified time. Upon a forced door condition or if the door has not been closed during the warning period, an alarm relay is activated and can be utilized to signal other monitoring systems. A Piezo alert is also sounded locally.

Universal Operation

Opening the door, or an authorized REX will activate the PT timer. If the opening is forced an immediate alarm is sounded and signalled to monitoring systems. The allowed door open timer starts upon an authorized door opening. If the door has not closed at the end of this period, a local warning period begins. If the door remains unsecured past this time period, then an alarm condition is triggered. When supplied with the optional push button, a second set of momentary switch contacts are available to provide a R-E-X signal to an access control system.

Adjustable Exit Time Period

The allowed "door open" time may be set from 0 seconds to 90 minutes. This timer begins when the door has opened and the "door unlock" signal from the access system ceases. A warning will sound if the door has not been closed at the end of the time period.

Adjustable Warning Time Period

The "warning" period may be set from 0 seconds to 5 minutes. During this sequence the sounder emits a beeping tone to remind the user to close the door.

If the door is not closed before the end of this warning period, then the "door prop" alarm sequence is activated. At this point the alarm relay is activated and the local sounder emits a steady alarm alert. This alarm is continuous until reset one of 3 ways, 1:upon door closure, 2:by Auto timed Reset, 3:Manual reset by Key switch, Digital keypad or other N.O.device The use of a Door Position Switch is required.

Compact Mounting Styles

The Dortronics PT door prop modules are available in any of the #7286 series single or double gang wall plate designs. The single plate will accommodate the PT module with sounder and LED. When used with mushroom pushbuttons or key switches a double gang plate is required.
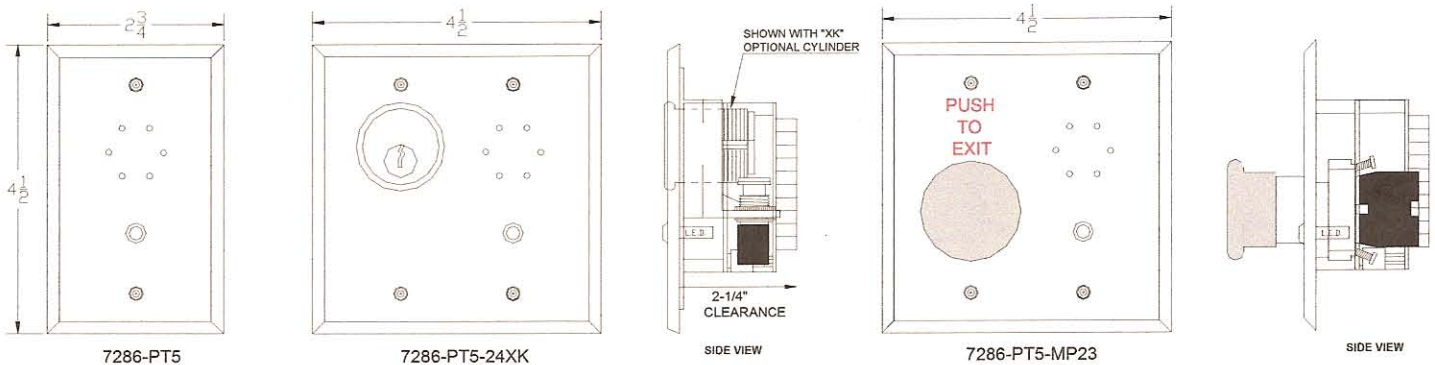
LED Indicator

A tri-state LED is provided for a visual indication of the door prop alarm condition. The LED is green when the door is secured, amber during door unlock/shunt, flashing amber when door is open (authorized), flashing red during the warning period, and steady red while in alarm.

DORTRONICS SYSTEMS, INC.

7286-PT5 CONFIGURATIONS

7286-PT5   7286-PT5-24XK   SIDE VIEW   7286-PT5-MP23   SIDE VIEW

Model Descriptions

7286-PT5

Local Door Prop Alarm Module on single gang 2-3/4" x 4-1/2" stainless steel wall plate with tri-color LED and 95 dB piezo audible sounder.

7286-PT5-24

Local Door Prop Alarm Module on double gang 4-1/2" x 4-1/2" stainless steel plate with tri color LED for visual status 95 dB piezo audible sounder. Includes key switch assembly with dual DPDT switches (1-Momentary for "RESET" and/or "REX" plus 1-Maintained for "SHUNT". One set of contacts from each DPDT switch may be used to also signal an access control system.

7286-PT5-24xK

Same as 7286-PT5-24 above supplied with 1-1/4" mortise cylinder.

7286-PT5-MP23

Local Door Prop Alarm Module on double gang 4-1/2" x 4-1/2" stainless steel plate with tri color LED for visual status 95 dB piezo audible sounder. Includes a 1-9/16" dia. momentary push button with 1 set of Normally Open contacts, 1 set Normally Closed contacts. Typically the N.C. contact output is used to break power to maglock while the N.O. contact is used to signal the "REX" to an access control system. The lock relay of the card access system is used as the REX input to the 7286-PT5.

Additional Features

Dry Contact and Powered Outputs

In addition to the dedicated local sounder driver, a SPDT output is furnished to operate other remote alarm devices. Also a form "C" dry contact is supplied that can be used for signaling an independent monitoring system when an authorized door unlock condition occurs.

Request to Exit

A single R-E-X input controls the door lock and alarm outputs. The alarm functions are automatically shunted during an authorized unlock sequence. This allows the door prop alarm to be inhibited during an extended authorized door opening.
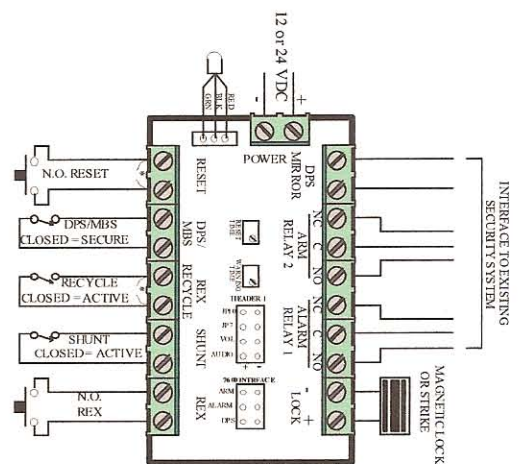
Alarm Shunt

In this mode upon contact closure the unit will not go into either warning or alarm. The REX input still functions as usual.

Manual or Automatic Alarm Reset

Typically, the door prop alarm is silenced and reset upon door closing. If no one is available to acknowledge alarms, a timed automatic reset may be engaged to silence the alarm after a preset period of from 0 seconds to 5 minutes, if the door remains in the open position. In the manual reset mode, the audio alarm will sound continuously, even after the door is closed. This manual reset mode requires reset by input from a normally open momentary contact such as a Key switch or Digital Keypad to silence the alarm.

7286-PT5 Inputs & Outputs

7286-PT5 Specifications

Door Prop Alarms shall be manufactured by Dortronics Systems, Inc. Onboard Key switch controls shall be momentary & alternate action with DPDT 3 amps @ 125VAC minimum as scheduled. Optional 1-1/4 Mortise Cylinder as required. Push button switch controls shall be momentary, with 1 set each N.O./N.C. 10 amps @ 125VAC minimum as scheduled. Push Button Switch caps shall be at least 1-9/16" in diameter. 7286-PT5 assemblies shall be flush wall mounted to standard, recessed, electrical boxes. Mounting screws shall be slotted oval head stainless steel. Pin in Hex Head tamper resistant screws shall be supplied where required. Mounting plates shall be constructed of stainless steel in single gang, or double gang as noted, and may be supplied with paint filled engraving.