

## The Chexit®



Designed for use on delayed exit applications, the Chexit system is ideal for controlled areas.

All controls, auxiliary locking, local alarm, and remote signalling are self-contained in the Chexit, providing safe, secure, easy to install and simple to operate door control and exit hardware.

Chexit controlled exit device for use on Panic or Fire Exit hardware applications.

This concept in delayed exit systems combines life safety with the needs of security and meets all requirements of NFPA 101 for "Special Locking Arrangement."

The Chexit device includes decal for application on door:

"PUSH UNTIL ALARM SOUNDS.

DOOR CAN BE OPENED IN 15 SECONDS"

### **Solenoid Specifications:**

- Continuous Duty - 24VDC
- Current Inrush - 16 amperes
- Current Holding - .3 amperes

Requires PS873 Power Supply

### **Request to Exit Switch:**

Built into the device to detect when someone attempts to exit. Pushing the push pad when the device is armed will cause this switch to start an irreversible alarm cycle.

### **Nuisance Alarm:**

When a Chexit is located in a public area, it can be desirable to limit false alarms. If the Nuisance Delay options are set to off, the device will go into alarm as soon as the push pad is touched (when armed). Turning the Nuisance Delay on will require the push pad to be pressed for 2 seconds before the Chexit goes into alarm. If the Nuisance Audible and Nuisance Delay are both on, the alarm will sound as soon as the push pad is pressed, but the alarm sequence will stop unless the push pad is held for 2 seconds or more.

### **Remote Alarm:**

A set of relay contact are provided to give external alarm indication. These contact close when the device is in an irreversible alarm condition. These contact can be used to drive a horn, lamp, or other indicative device.

### **Key Switch:**

The Key Switch provides the means to arm, disarm or reset the Chexit. The key can be removed in either the Arm or Disarm position.

### **Indicator Lamp:**

The status of the Chexit can be determined by the indicator lamp. When the lamp is off, this indicates the device is disarmed and is functioning as a normal exit device (no delay). A continuously on lamp indicates the device has just been armed and as soon as the selectable rearm timer expires, the device will arm. A slow flashing lamp indicates the device is armed. A fast flashing indicator lamp indicates the device is in alarm.

### **Internal Horn:**

Whenever the device is in alarm or the push pad is pressed the internal horn will sound. The volume level of this horn exceeds 85 db at 6 feet.

### **Door Position Input:**

An external door position switch can be connected to the Chexit.

### **External Inhibit Input:**

This optional input is provided to allow remote override of the Chexit in the armed condition. It also allows remote reset of the Chexit in an alarmed condition.

### **Fire Alarm Input:**

This input disables the Chexit immediately upon a fire alarm.

### **Internal Auxiliary Lock:**

The Auxiliary Lock is engaged when the Chexit is armed. The locking mechanism is specifically designed to hold securely even when the exit device is struck with forceful blows.

### **User Defineable Rearm Time:**

*The Rearm time is the amount of time after the device is activated before it arms. It is designed to give someone time to pass through the door before rearming occurs. Timing can be changed by the user for any time between 2 and 28 seconds in two second increments. There is also an infinite rearm setting that requires the use of an external door position switch. In this setting the door remains in the rearm mode until the door is closed. This can be useful on jet way doors in an airport.*

### **Factory Defineable Delay Time:**

*Most jurisdictions allow 15 seconds of delay before allowing egress. In those cases where 15 seconds is not appropriate, Von Duprin can set the Chexit for any delay time between 0 and 60 seconds on 2 second increments. For delays greater than 15 seconds a letter from the local authority is required.*