MODELS DE-1 and DE-1 1SEC DELAYED EGRESS STATION
OPERATING INSTRUCTIONS

This micro-controller based unit will provide an effective means of locking an exit door while still providing egress during an emergency.

Pushing the square green button on the unit will start the irrevocable exit time. On the DE-1 there is a two second nuisance feature which requires the button to be pushed and held before the timer will start. At this time, the alarm relay will be energized and the sounder and light will turn on. On the DE-1 1SEC there is no nuisance feature.

At the end of the adjustable time delay (2 to 30 seconds), the lock relay is energized allowing the exit door to un-lock.

The alarm relay, lock relay, sounder and light will remain on until reset with the keyswitch.

There is an optional auto reset feature which will allow the exit door to re-lock. To enable this feature, cut the leads to the keyswitch and tie the leads together electrically. Once this feature is enabled, the lock relay will be de-energized after a time delay equal to the setting of the adjustable time delay (2 to 30 seconds) thereby allowing the door to re-lock.

Specifications -

Input Voltage: ..... 12 to 24 VDC
Current Draw: ..... 200 mA maximum
Delay Time: ..... 2 to 30 seconds adjustable
Nuisance time delay (DE-1 only): ..... 2 seconds
Outputs: ..... SPDT Alarm Relay and Lock Relay
Contact Rating: ..... 5 A @ 35 Volts
Buzzer Sound Level: ..... 85 dB @ 3 feet
Buzzer Frequency: ..... 2900 Hz
Button Illumination: ..... LED

Lead	Designation
Red	Power Input Positive (+)
Black	Power Input Negative (-)
Violet	Lock Relay Normally Open
Green	Lock Relay Common
Blue	Lock Relay Normally Closed
Orange	Alarm Relay Normally Open
White	Alarm Relay Common
Yellow	Alarm Relay Normally Closed
Gray	Remote Start - Shorting the Gray leads will start the device the same as pressing the Green Button

ALARM CONTROLS
ASSA ABLOY

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TYPICAL WIRING DIAGRAM

