

## 4501/4601 OBDE

4501/4601 On Board Delayed Egress (OBDE)



### Application:

- Airport & Public Facility Security and Safety
- Loss Prevention
- Restrict the egress of wandering patients
- Restrict the egress of commercial center patrons for security

### Operation:

- Typically used on exit doors when unauthorized egress is initiated when in the locked mode.
- The door unlocks after 15 seconds permitting egress
- SVR exits must include rod covers
- Door position switch (DPS) is recommended

## PRODUCT SPECIFICATIONS

### FEATURES:

- 15 (or optional 30) second egress delay
- 1 or 2 second nuisance delay
- Built-in function keypad provides alarm and lock reset. 1 to 30 second bypass, sustained bypass and additional keyswitch
- Control inputs include 1 to 30 second request to exit and access bypass with anti-tailgate and alarm rest
- Field selectable trigger modes from exit device (N/O or N/C)
- Field selectable automatic or manual power up after emergency release or power loss

### BUILT-IN ANNUNCIATION:

- Armed mode
- Nuisance mode
- Irreversible egress mode
- Release mode

### CODE COMPLIANCE:

- IFC International
- IBC International Building Code
- NFPA 101 Life Safety Code
- NFPA 1 Uniform Fire Code
- California Building Code

### VOLTAGE INPUT:

- 24VDC

### RESET INPUT:

- N/O, Dry input

### REX INPUT:

- N/O, Dry input

### BYPASS INPUT:

- N/O, dry input

### MONITORING OUTPUTS:

- Alarm relay - 1 amp @30VDC SPDT, Dry
- Door security relay - 1 amp @30VDC SPDT, Dry
- Secure/insecure status
- Egress initiation status
- Released/bypass status

### CONTROL INPUTS:

- Field selectable 1-30 second request to exit with anti-tailgate and door prep alarm
- Bypass
- Reset
- Remote trigger (for pairs of doors)
- DPS (required for door forced, prop, and anti-tailgate)

### FINISHES:

- US3, US3, US10, US10B, US26, US26D, US32D