### 3101C Series Delay Egress Lock

**For Life**

**SM**

**DynaLock**

**DYNALOCK CORPORATION**

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**Options**

- **AAO** - Auxiliary Alarm Output - Secondary delayed egress alarm output, SPDT contacts.
- **ATS** - Anti-Tamper Switch - For 3121C models.
- **ATS2** - Anti-Tamper Switch - For 3121C models.
- **BPM** - Bypass Monitor - Signals bypass keyswitch activation.
- **DSM2** - Door Status Monitor Switch - For 3121C models.
- **DYN** - Dynastat Force Sensor - Indicates efficient magnetic bond. SPDT contacts.
- **DYN2** - Dynastat Force Sensor - For 3121C models.
- **ETR** - Egress Sensor Omitted - For externally triggered egress.
- **KSO** - Keyswitch Omitted - In favor of separate remote keyswitch.
- **LP** - Low Power Coil - 12V only @ 0.40 Amps (Double coil)
- **LP2** - Low Power Coil - 12V only @ 0.72 Amps (Double coil)

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**Building Code Software Options**

- **SF**
- **LP2**
- **LP**
- **KSO**
- **ETR**
- **DYN**
- **DYN2**
- **DSM2**
- **BPM**
- **ATS2**

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**Specifications**

**MECHANICAL**

- **Holding Force:** 1500 Lbs. Each Coil
- **Lock Size:**
  - 3101C: 3” x 2” x 2” x 11” L
  - 3121C: 3” x 2” x 2” x 22” L
  - 3121C2: 3” x 2” x 2” x 11” L Each
- **Armature Size:** 1/2” x 2” x 11” L
- **Lock Weight:** 3101C 11.5lbs / 3121C 23lbs.
- **Finish:** US28 Satin Aluminum with clear anodize. Other Finishes Available.

**ELECTRICAL**

- **Current Draw:**
  - 3101C: 456mA / 849mA @ 12VDC (Single/Double)
  - 3121C: 1172mA / 1195mA @ 12VAC (Single/Double)
  - 3121C2: 263mA / 480mA @ 24VDC (Single/Double)
  - 779mA @ 1137mA @ 24VAC (Single/Double)
- **Contact Ratings:**
  - DSM - 0.5A @ 24VDC/VAC
  - DYN - 1A @ 24VDC/120VAC
  - ATS - 0.25A @ 175VDC
  - AAO - 1A @ 24VDC/120VAC
  - Delay Monitor - 1A @ 24VDC/120VAC
  - Bypass Monitor - 4A @ 125VDC/VAC

**Terminal Strip**

- **Input Voltage:** 12 or 24 VDC/VAC (Auto-Sensing)
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**Description**

The 3101C Series is designed to satisfy egress codes and high security needs at the same time. The second generation 3101C system integrates a redesigned polymer housing cover and LED status indicator, while maintaining DynaLock’s proven and forgiving egress-sensing technology.

In a typical installation, the door is normally closed and latched by the existing mechanical door hardware and magnetically secured by the 3101C Lock. Attempting to exit by unlatching and pushing on the door will activate the 3101C delay egress timer. The audible and red LED will pulsate for 15 seconds (30 seconds field selectable). After the time delay has elapsed, the lock will release and the audible will sound continuously with a green LED, until the door is shut and the lock is reset. Reset and/or bypass are accomplished with a built-in keyswitch or remote signal. The system unlocks automatically when the 3101C is integrated with the building emergency fire alarm system or power is removed. Fire alarm contacts on the 3101C Lock are field selectable for NO and NC signals.

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**Standard Features**

- **Microprocessor Controlled:** An advanced digital processor manages all lock functions, without the need for an external system controller. Custom factory programs are available to meet varying application requirements and local building codes.
- **Low Installation Cost:** The user-friendly, micrometer style adjustment wheel simplifies calibration of delay egress sensor and works with existing door hardware. Does not require touch or electrified exit devices, electric hinges, door cords or special power supplies.
- **Auto-Sensing Power Input:** 12 or 24 VDC/VAC
- **Auxiliary Alarm Output:** Optional new secondary set of SPDT delay egress alarm output contacts.
- **Opto-Electronic System Sensor:** Featuring a concealed optical sensor unaffected by wind, warpage or door sag.
- **Holding Force:** 1500 Lbs. high security holding force (holding force not evaluated by UL) effectively deters forced access or egress.
- **Lifetime Warranty** - American Made in the USA by DynaLock, with over 20 years experience in the manufacture of electromagnetic locks.

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**LIFE SAFETY PRODUCTS**

**FULLY INTEGRATED SECURITY SYSTEMS**

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### System Operation Selector Switch

- **System Status**
  - #1: normal - setup
- **Bypass Audible**
  - #2: enabled - disabled
- **Nuisance Delay**
  - #3: 1 seconds - 3 seconds
- **Egress Delay**
  - #4: 15 seconds - 30 seconds
- **Master Audible**
  - #5: enabled - disabled
- **Fire Alarm Input**
  - #6: N.O. - N.C.
- **Egress Sensor**
  - #7: enabled - disabled
- **Spare**
  - #8: unused

- **Bypass mode relock time selector** - 1 to 75 seconds.

- **Multicolor high-intensity LED array signals system status**, by projecting through lens in housing cover. Also indicates door position in set-up mode.

- **Audible 87db at 30cm pulses once per second with LED during exit attempt. Sounds continuously after delay sequence, shunts when system resets.**

- **On-Board keyswitch** - provides system reset and bypass.

- **Terminal Strip (see page 4)**