1107xEDR DELAYED EGRESS ACTUATING LOCK

NFPA 101 / BOCA Compatible

600 Pounds of Holding Force

Shallow 2-1/4” Mounting Profile

Efficient-Low Current Draw

Certified to UL294 for Access Control

Made in USA

Delayed Egress Activation:
Designed for use with the 7101-P Delayed Egress Panel, the 1107xEDR employs a Microswitch actuator which senses door movement via the spring loaded Armature. The Microswitch sensitivity is field adjustable to accommodate various applications. A concealed Door Position Switch is also included and utilized to report door status for Re-lock and Forced door conditions to the Egress Panel.

Safe Operation:
All 1107xEDR electromagnetic locking devices are inherently fail-safe, releasing instantly upon command or loss of power. Both locking and unlocking are accomplished with ease and efficiency. The well confined magnetic field of these locks allow them to be used in computer rooms and other electronically sensitive areas. The built-in Transient Surge suppression protects the electro-magnet from noise and voltage spikes.

Reliable & Versatile:
This state of the art electromagnetic locking device provides positive, instantaneous door control. Models available for single outswing, inswing, and sliding doors or gates. Filler plates, angle brackets, and other mounting adapters are available to accommodate a wide range of door and frame types and conditions.

NFPA Life Safety Compatible:
As electromagnetic locking devices function independently of mechanical locks. Magnetic locks are ideal for use with fire and hazard detection systems to provide unobstructed egress and are highly recommended for use on Exit Door Control Systems requiring delayed releasing, per NFPA 101 or BOCA Codes.

System Compatability:
Although the 1107xEDR Maglocks were designed to work with the Dortronics 7101-P they will work reliably with most Delayed Egress controllers as well as other security alarm and access control systems.

Extended Service:
The rugged all metal design and durable construction ensures unlimited lock and unlock cycles without electrical fatigue or mechanical breakdown. Our locks are manufactured to the most stringent quality control standards. This allows Dortronics to offer a Lifetime limited warranty on all 1107 Series electromagnetic locks.
Specifications:
Models
1107xEDR - Single Door standard Outswing (600 lbs.)
TJ1107xEDR - Single Inswing Door With Z-Bracket (600 lbs.)
1195-07xEDR Inswing Conversion Kit

Physical Size
1107xEDR Housing - 8-1/4” long x 2-1/4” high x 1-1/4” deep
TJ1107xEDR Housing & Angle bracket-8-1/4” long x 2-1/16” high x 1-1/2” deep

ETL Listed to the following standard:
UL 294 ACCESS CONTROL SYSTEMS UNITS

Electrical:
Operating voltage (field selectable)
1107xEDR - 245ma @ 24 VDC
  480ma @ 12 VDC

Egress Actuator Switch Normally Open rated @ 3 amps @ 30 volts DC
Concealed Door Position Switch SPDT rated @ 100 Millamps @ 30 volts DC

1107 series locks are encased in a brushed Clear Anodized Aluminum housing
Electro-magnet face and armature are Zinc plated for high resistance to rust and corrosion.

Installation:
Typically these locks are mounted on outswinging doors using the Header mounting plate accompanying the unit. This mounting plate has elongated slots for ease of alignment and threaded holes for secure attachment of the lock to the plate. An access hole is also provided in the mounting plate to accommodate the power and control wiring to the Delayed Egress control panel.
The armature mounting plate attaches to the door surface with hardware included. No through bolting is required.

Gate/Inswing applications:
The TJ1107xEDR units are supplied with an angle bracket prepared for attaching to the face of the door frame. Z-bracket and mounting hardware are also furnished for the mounting of the armature plate to the door or gate post.

Field convert the 1107 to a TJ1107 with the 1195-07xEDR conversion kit
1107xD SLIM LINE MAGNETIC LOCKS

NFPA 101 / BOCA Compatible
600 Pounds of Holding Force
Shallow 1-1/4” Mounting Profile
Efficient-Low Current Draw
Certified to UL294 for Access Control
Made in USA

Ultra Slim Profile:
Designed to fit narrow style header applications, the 1-1/4” lock body depth greatly reduces the need for angle mounting brackets and filler plates, saving installation time and expense.

Reliable & Versatile:
This state of the art electromagnetic locking device provides positive, instantaneous door control. Models available for single outswing, inswing, and sliding doors or gates. Filler plates, angle brackets, and other mounting adapters are available to accommodate a wide range of door and frame types and conditions.

NFPA Life Safety Compatible:
Electromagnetic locking devices function independently of mechanical locks. Magnetic locks are ideal for use with fire and hazard detection systems to provide unobstructed egress upon loss of power due to an alarm condition.

Concealed Door Status Switch:
A concealed Door Position Switch is included to report door status to monitoring equipment for the detection of open Propped or Forced door conditions.

Safe Operation:
All 1107xD electro-magnetic locking devices are inherently fail-safe, releasing instantly upon command or loss of power. Both locking and unlocking are accomplished with ease and efficiency. The well confined magnetic field of these locks allow them to be used in computer rooms and other electronically sensitive areas. The built-in Transient Surge suppressor protects the electromagnet from voltage spikes.

Field Convert to Inswing:
The 1107xD Maglocks were designed to accept the 1095-07 Inswing Conversion Kit. Change from outswing to inswing door applications on site utilizing the kit which includes a Z-Bracket and angle mounting bracket complete with hardware and drilling template.

Extended Service:
The rugged all-metal design and durable construction ensures unlimited lock and unlock cycles without electrical fatigue or mechanical breakdown. Our locks are manufactured to the most stringent quality control standards. This allows Dortronics to offer a Lifetime limited warranty on all 1107 Series electromagnetic locks.
Specifications:
Models
1107xD - Single Door standard Outswing
(600 lbs. total)
TJ1107xD - Single Inswing Door
With Z-Bracket (600 lbs. total)
1195-07 Inswing/Gate Conversion Kit

Physical Size
1107xD Housing - 8-1/4” long x 2-1/4” high x 1-1/4” deep
TJ1107xD Housing & Angle bracket- 8-1/4” long x 2-1/16” high x 1-1/2” deep

ETL Listed to the following standard:
UL 294

Electrical:
Operating voltage
(field selectable)
1107xD - 245ma @ 24 VDC
480ma @12 VDC
Concealed Door Position Switch SPDT
rated @ 100 Milliamps @ 30 volts DC

Finish:
1107 series locks are encased in a brushed Clear Anodized Aluminum housing
Electro-magnet face and armature are Zinc plated for high resistance to rust and corrosion.

Installation:
Typically these locks are mounted on outswinging doors using the Header mounting plate accompanying the unit. This mounting plate has elongated slots for ease of alignment and threaded holes for secure attachment of the lock to the plate. An access hole is also provided in the mounting plate to accommodate the power and control wiring. The armature plate mounts to the door with thru bolting hardware provided.

Gate/Inswing applications:
The TJ1107xD units are supplied with an angle bracket prepared for attaching to the face of the door frame. Z-bracket and mounting hardware are also furnished for the mounting of the armature plate to the door or gate post.
Field convert the 1107 to a TJ1107 with the 1195-07 conversion kit.