

**LOCK**  
*ONE*

**FF-L-2890B**

GSA APPROVED SCIF LOCK



Providing **Life Safety**  
and **High Security**



**LKM10K**  
High Security Life Safety Exit Device



## Compliance & Certifications

- FF-L-2890B
- GSA Approved
- U.L. Fire Rated
- NFPA 80 & 101 Life Safety
- BHMA/ADA Grade 1\*
- Handle - 1,000,000 + Cycles
- Panic Bar - 1,000,000 + Cycles



Exterior Trim with Kaba Mas X-10 featuring Fire Rated Key Override

## Lockmasters' LockOne LKM10K Lock Series

is the Next Generation of our fifteen year field tested LKM7000 Lock Series and is approved to meet Federal Specification FF-L-2890B. With over 25,000 LKM7000 locks in use today, we are confident the improvements we have made in this next generation of the LKM10K Lock Series will exceed your expectations.

## SAFETY FEATURES

**Panic Device (Panic Bar Model)** - A device for unlocking a door during emergency conditions. The mechanism consists of a spring-loaded metal bar fixed horizontally to the inside of an outward-opening door. When the bar is pushed or depressed, it activates the mechanism which unlatches the door allowing occupants to quickly exit the area in panic situation. (Type III & IV)

**Single Motion Egress Handle (Push/Pull Model)** - One simple push or pull of the ADA and UFSA compliant handle allows exit. One hand guarantees a safe & easy exit even in emergency situations. (Type I & II)

**Key Override Option** - A separate module is no longer necessary for this option. Key Override is standard on all LKM10K Lock Series models. However, it is optional to utilize, so it can be added with little effort at a later date if necessary. We recommend Key Override because it allows a key to "override" the access control device only. It will not override the combination lock. This capability is particularly important during the event of power outage, failure or malfunction of an access control device, or an emergency that requires expedited entry.

**UL Fire Rating** - The LKM10K Lock Series is UL Listed. 90 minute rating when installed with a Kaba Mas X-10 combination lock & 20 minute rating when installed with a S&G 2740B. This rating is in accordance with the Standard, "Positive Pressure Fire Test of Door Assemblies", ANSI/UL 10C, UBC 7-2 (1997).

**Illuminated Labels** - All models of the LKM10K feature an illuminated label for easy visibility in no/low light situations.



Push/Pull Model (Type I & II) for Inswing & Outswing Doors



Panic Device Model (Type III & IV) for Outswing Doors

Exit Only Models - see back page

\*Panic Bar Model

## Providing Life Safety and High Security

### BENEFITS

**Interchangeable** - You can install the LKM10K Lock Series in your facility and maintain a consistent look since the appearance of the Exterior Trim has not changed.

**Retrofittable** - Simply remove the existing LKM7000 Lock Series attach our Retrofit Fixture modify a few existing holes then install either the Push/Pull Model or Panic Bar Model.

**Field Tested** - With over 25,000 LKM7000 Lock Series in use today, we are confident the improvements we have made in our next generation LKM10K Lock Series will exceed your expectations. We've conducted our own internal 1,000,000 cycle tests as well as had a unit in the field for over a year, with great success.

**Easy Operation** - The internal linear bearing allows for easy entry and exit even with heavy loads applied to the door.

**Easy To Order** - All three models includes everything you need, no add-ons. You get the Pedestrian Exit Device, the combination lock, the strike, Key Override option and three internal Monitoring "Alarm" Switches.

### SECURITY FEATURES

**Dead Bolt** - The FF-L-2890B specification requires a locking device equipped with dead bolt and trigger mechanism that operates when the combination lock is in the locked position. The dead bolt automatically extends into the locked position when the trigger mechanism engages the strike.

**Encapsulated Strike** - The LKM10K Lock Series comes with a strike that surrounds the dead bolt for reinforced security. As specified four strikes are available for inswing, outswing & pairs of doors.

**High Security Combination Lock Compatibility** - The LKM10K Lock Series is designed to work with any standard footprint combination lock meeting Federal Specification FF-L-2740B (Kaba Mas X-10 and S&G 2740B). No modifications to the deadbolt is required.

**Access Control Device Compatibility** - The LKM10K Lock Series is an electrified lock and is compatible with a variety of electronic access control devices (12v or 24v DC - 1 amp).

**Security In Depth** - When both the combination lock and access control device are installed with the LKM10K Lock tiers of security are created.

First Tier - FF-L-2740B approved combination lock

Second Tier - Access Control Device or Key Override

**Example of Day Locking** - The supervisor "unlocks/opens" the combination lock to allow staff to enter throughout the day by utilizing the access control device. The LKM10K Lock Series provides this managerial control. However, once the combination lock is "locked/closed" the access control device and Key Override is negated.

**Monitoring "Alarm" Switches - Device Dead Bolt, Combination Lock & Request to Exit (REX)** - Standard in all LKM10K Lock Series Models, but use is optional. When connected you have the ability to monitor the bolt position on both the LKM10K Lock and combination lock. REX can be used to monitor bolt position or shunt the door alarm. The lock is able to determine between an entry and an exit.

**Warranty** - Lockmasters, Inc. warrants to the original retail purchaser for a period of two (2) year from the purchase date of the product that the product shall be free of defects in the materials and workmanship, provided there is compliance with all installation, operating and maintenance instructions provided by Lockmasters, Inc. and provided further, that the product has been subject to normal use without any misuse, negligence, or the occurrence of any accidental damaging.





### TYPE I & II - Pedestrian Door Pre-Assembled Lock (PDPL)

- Utilizes mechanical access control
- ADA compliant
- Single motion egress
- Non-handed
- 90 minute minimum fire rating\*



### TYPE III & IV - Pedestrian Door Assembled Panic Lock (PDLAP)

- Utilizes mechanical access control
- Fire rated panic bar for use on fire rated doors
- ADA compliant
- Non-handed
- 90 minute minimum fire rating\*



### Exit Only Lock

- Non FF-L-2890B Compliant but approved for Government Use
- U.L. 90 minute fire rated
- Available with both Push Pull and Panic Bar Models

Used to control the flow of traffic into rooms with multiple entrances, while always providing single motion egress.

## Easy Ordering

### Lock Packages Include

**Pedestrian Door Lock** - Three models to select from:

Push Pull Model, Panic Bar Model and Exit Only Model

**FF-L-2740B Lock** - Two models to select from:

Kaba Mas X-10 or S&G 2740B.

**Key Override Option** - Is standard in all models and is activated at time of installation. Please Note: rim cylinder is not included.

**Strikes** - Four versions to select from:

Strike 1 - Flush inswing door, single or door regular bevel

Strike 2 - Outswing door, single door reverse bevel

Strike 3 - Inswing door, surface mount single or double door regular bevel

Strike 9 - Inactive door, double door reverse bevel

**Three Pre-Assembled Switches Allow:**

Deadbolt Switch - monitors the Pedestrian Device Bolt (Request to Exit - REX)

Combination Lock Switch - monitors the FF-L-2740B

Combination Lock Bolt

Entry Monitoring Switch - monitors the Lever Handle

**LOCKMASTERS®**  
I N C O R P O R A T E D

2101 John C. Watts Drive

Nicholasville, Kentucky 40356

800.654.0637

www.lockmasters.com

www.LKM10K.com