

**30** Series

# Exit Devices

Certified A156.3-2014 Grade 1



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life unlocked.

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**30** Series

**Exit Devices**



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Spanning both commercial and residential markets, Klaccki's drive for design excellence and innovation is only matched by I-TEK's undeniable manufacturing quality which spans more than 5 decades.

## Quality assurance

The 30 Series Exit Devices are produced by I-TEK Company in Taiwan under ISO 9001 quality management, which is system certified by Underwriter Laboratories. I-TEK's test facility complies with ISO17025 and it is certified by Intertek under a continuous re-inspection program.

Furthermore, Klacci is a registered member of Builders Hardware Manufacturers Association (BHMA), as well as continuously ensuring that we follow up-to-date ANSI Standards with rigorous inspections by Intertek and Underwriter Laboratories. Our aim is to make our customers feel secure in the knowledge that high-quality products are provided.







# 30 Series Exit Devices



The 30 Series Exit Devices are the result of continuous innovation to bring forth a product that can combine strength, durability, convenience and aesthetics. Simple design yet complete, it is your best choice for cost effective commercial applications.



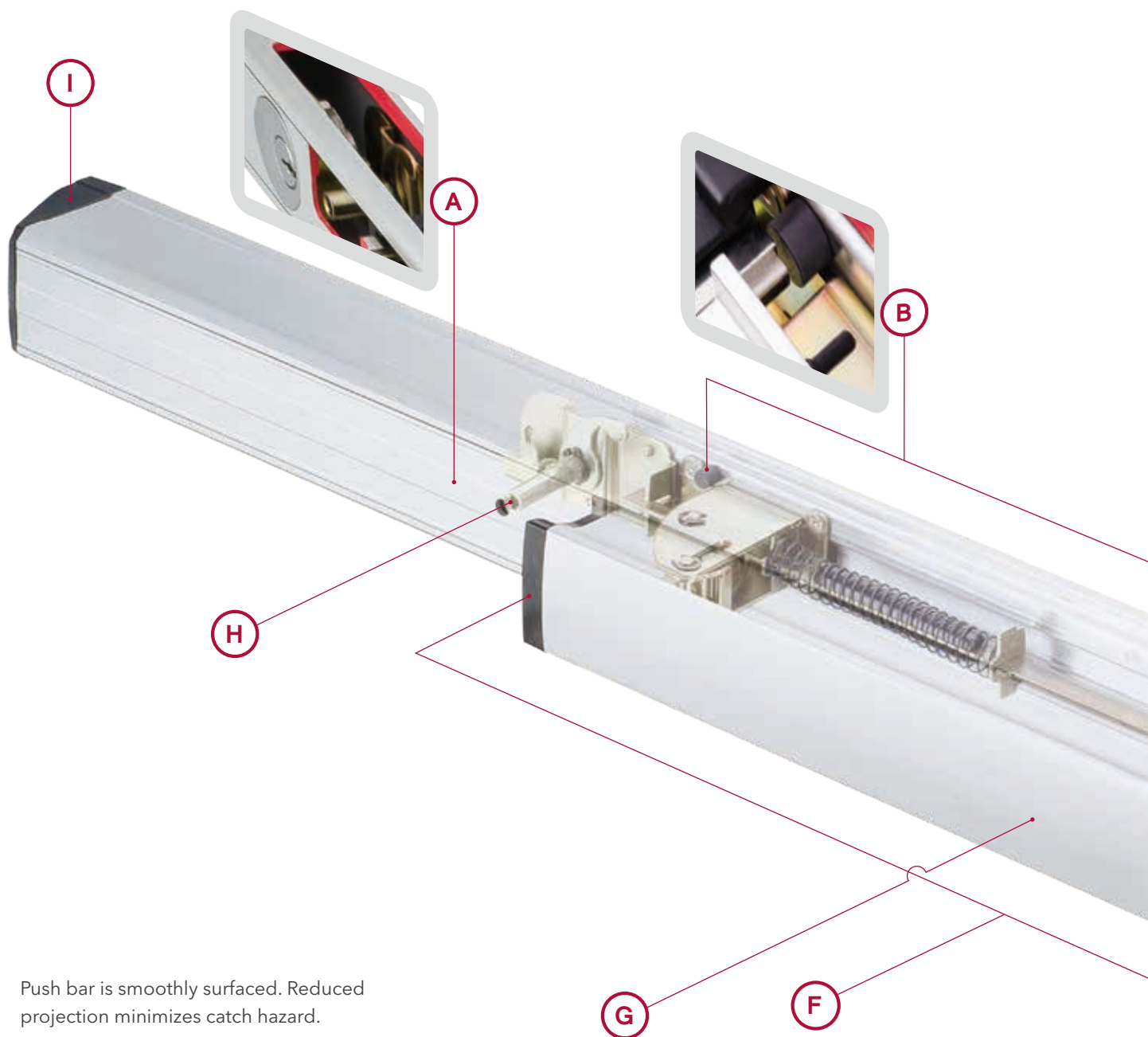
Klacci is a registered brand of I-TEK Metal Mfg. Co. Ltd. Taiwan.



# Features

**The 30 Series Exit Devices are fabricated and blended with simplicity, strength, durability, aesthetics and installer-friendly innovations.**

- Devices and trims are designed for new or retrofit installation into other manufacturers' exit devices and trims.
- Made to comply with the highest safety and security standards in industry.
- UL/cUL listed for panic hardware or 3-hour Fire Rated Exit Hardware.
- Certified to ANSI/UL305 and ANSI/BHMA A156.3-2014 Grade 1.



**G** Push bar is smoothly surfaced. Reduced projection minimizes catch hazard.

**H** Dogging can be done with an allen wrench, a small flat key or a flat blade screwdriver.

**I** Flush end cap design.



- A** Simple cylinder built in add-on kit.
- B** Special plastic inserts and rubber bumpers reduce noise and don't fail under high or low temperatures. Impervious to petroleum lubricants.
- C** Standard high-performance engineering plastic.
- D** Trim designed for fast and easy installation.
- E** Alloy steel latch and deadlatching blade add perceived value.
- F** Integrated end cap and pivot add push pad stability and make the bar move smoothly regardless of where the pressure is applied on push bar.



# General Overview

## Device Material

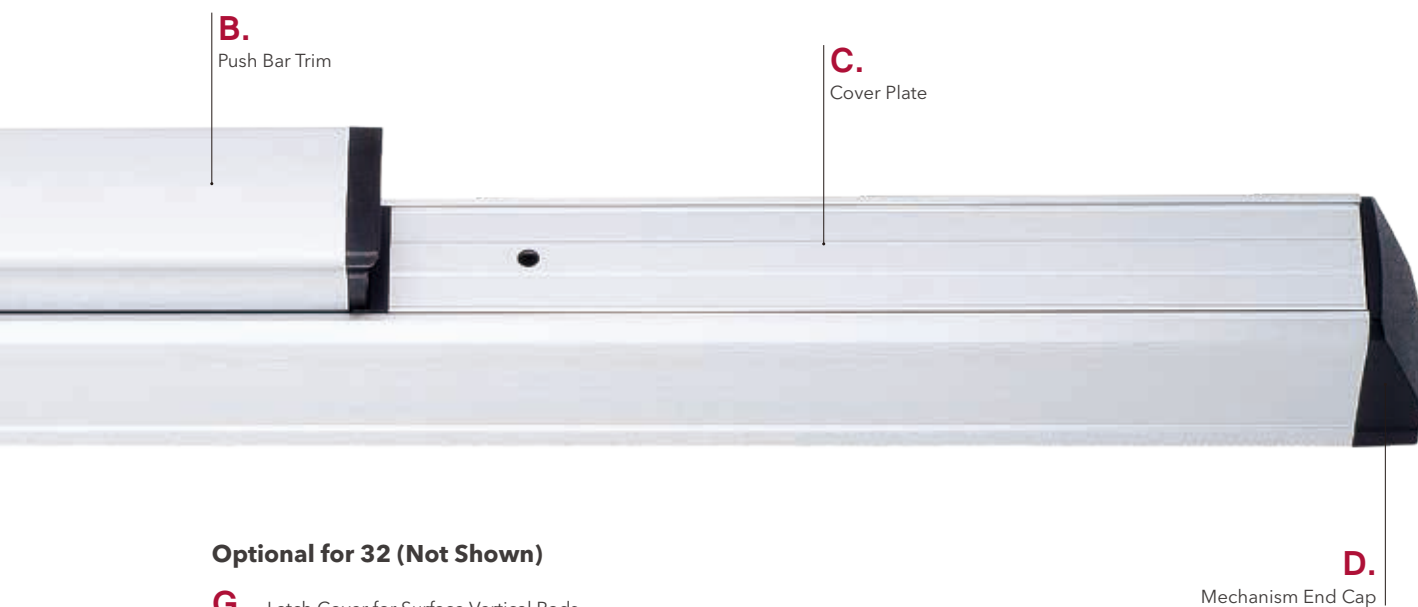


## Finishes

| COLOR                      | ANSI/BHMA | US   | D.E.G.  | A      | B.C.F.H. |
|----------------------------|-----------|------|---------|--------|----------|
| Dark Oxidized Satin Bronze | 613       | 10B  | Plastic | Plated | Anodized |
| Satin Aluminum             | 628       | US28 | Plastic | Plated | Anodized |

For other finishes please consult factory.



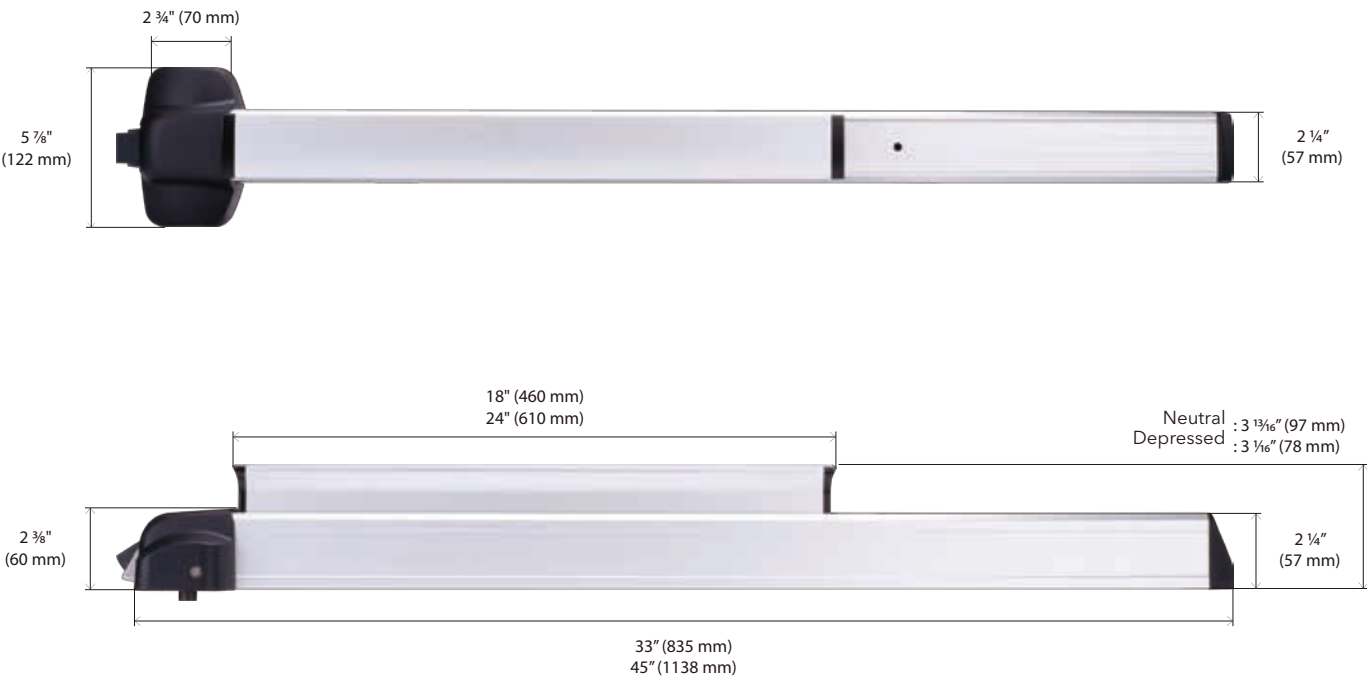


## Functions

| ANSI/BHMA<br>Number | Operation                           | Trim Option<br><i>700 Series Trim</i> |
|---------------------|-------------------------------------|---------------------------------------|
| 01                  | Exit Only                           | N                                     |
| 02                  | Dummy Pull Only                     | 702                                   |
| 03                  | Night Latch, Key Retracts Latchbolt | N                                     |
| 08                  | Key Locks or Unlocks Latchbolt      | 708                                   |
| 09                  | Night Latch Key Retracts Latchbolt  | 709                                   |
| 14                  | Lever Always Active, No Cylinder    | HL3014                                |

**Note:** Device functions are field selectable with the removal of drive screw in back of center case and determined by the type of trim adaption.

# Dimensions



## Fasteners/Sex bolts (SNB)



|              | Devices No. | Specification        | Qty. |
|--------------|-------------|----------------------|------|
| Without Trim | 31          | 1024 SNB (No.10-24)  | 6    |
|              | 32          | 1024 SNB (No.10-24)  | 6    |
|              |             | 4120 SNB (No.1/4-20) | 4    |
| With Trim    | 31          | 1024 SNB (No.10-24)  | 2    |
|              | 32          | 1024 SNB (No.10-24)  | 2    |
|              |             | 4120 SNB (No.1/4-20) | 4    |

Furnished standard with machine screws.  
Specify Sex Bolts (SNB) where recommended  
or required by the door manufacturer.

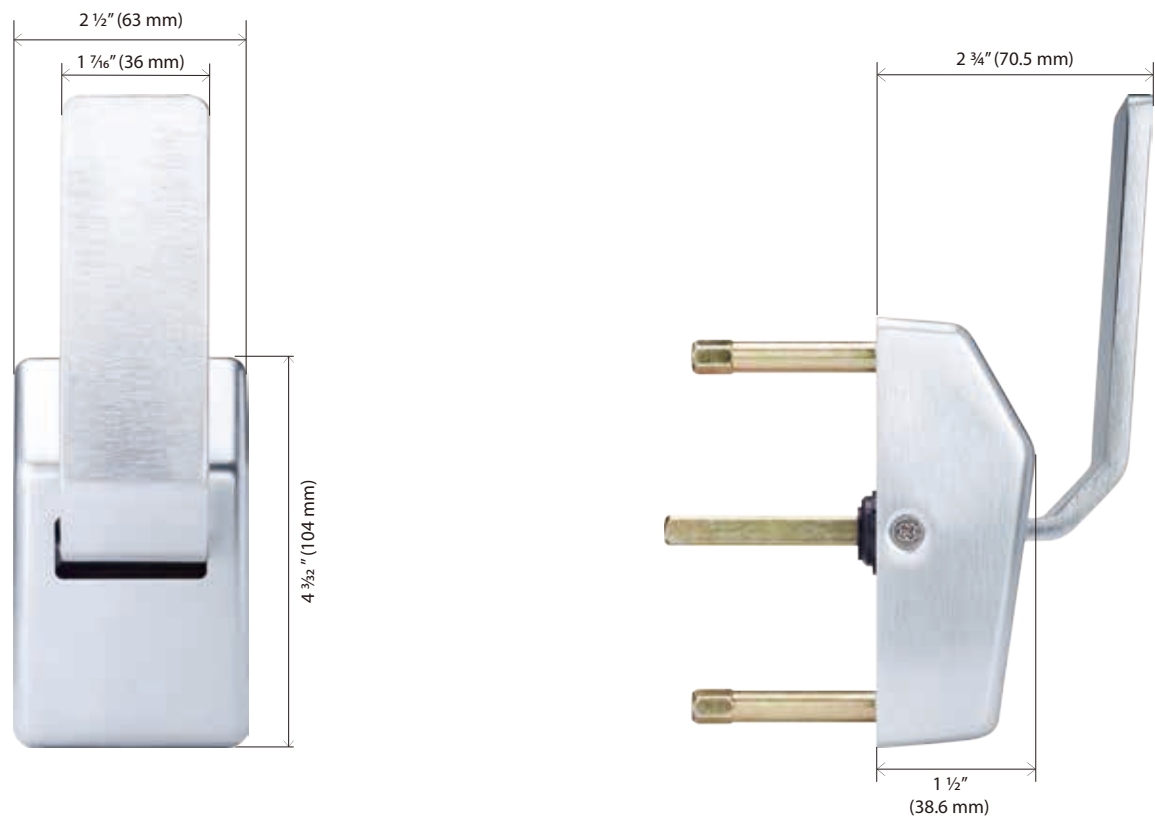
Sex Nuts and Bolts (SNB) are furnished with 1024  
SNB (No. 10-24) for device or 4120 SNB (No. 1/4-  
20) for top rod latch and bottom rod latch.



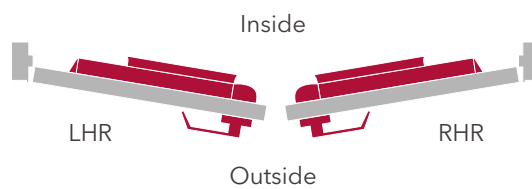
## 700 Series Trim



## 30 Series Pull Trim



## Handing of doors



# 31 / F31

## Rim Exit Devices

**RIM**

### Applications

- Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.

### Doors & Preparations

- For all types of single and double doors with/without a mullion. For mullions, see page 23.
- For new or retrofit installation into other manufacturers' devices.
- 1-3/4" to 2-1/4" (45mm to 57mm) thick, up to 4' (1219mm) wide opening; for thicker doors, consult factory.
- Furnished standard for 1-3/4" (45mm) thick, 3' (915mm) wide opening.
- For maximum door opening applications and listings for fire exit devices, see page 30.





## Specifications

|  |  |                                       |
|--|--|---------------------------------------|
| <b>Certification/Compliance</b>              | <ul style="list-style-type: none"> <li>Panic devices UL/cUL listed for UL305 and ANSI/BHMA A156.3-2014 Grade 1 Panic Hardware.</li> <li>UL/cUL Fire rated for 3-hour Fire Exit Hardware, conforms to UL10C and UBC7-2. Also complies with NFPA 80 Fire doors and windows.</li> <li>Exit devices, levers, trims and pulls comply with American Disability Act (ADA) and NFPA 101 life safety code.</li> </ul> |                                       |
| <b>Center Case</b>                           | <ul style="list-style-type: none"> <li>Universal center case, heavy wrought steel and sintered metal parts.</li> <li>Device functions are determined by adaptation with type of trim.</li> </ul>   |                                       |
| <b>Strikes</b>                               | <b>Panic</b><br>P/N. 106Z (roller type)  | <b>Fire</b><br>P/N. 108 (roller type) |
|  | See page 19.   |                                       |
| <b>Dogging</b>                               | <ul style="list-style-type: none"> <li>NOT available on fire exit hardware.</li> <li>Dogging options available for LD, CD, See page 21.</li> <li>Flat/hex key dogging standard.</li> </ul>   |                                       |
| <b>Fasteners</b>                             | <ul style="list-style-type: none"> <li>Machine screws and wood screws are furnished standard.</li> </ul>   |                                       |
| <b>Sex Bolts (SNB)</b>                       | <ul style="list-style-type: none"> <li>Required when used with wood, composite or non-reinforced hollow metal doors. For exit only device, specify 6-1024 SNB (No. 10-24). For device with trim, specify 2-1024 SNB (No. 10-24).</li> </ul>  |                                       |
|  | See page 9.  |                                       |
| <b>Electrical Functions</b>                  | Can be interfaced with building security systems: <ul style="list-style-type: none"> <li>AL Alarm Exit</li> <li>LM Latchbolt Monitoring</li> <li>RX Request to Exit</li> </ul>   |                                       |
|  | See page 26.   |                                       |
| <b>Device Centerline from Finished Floor</b> | <ul style="list-style-type: none"> <li>39-5/8" (1006mm).</li> </ul>  |                                       |
| <b>Latchbolt</b>                             | <ul style="list-style-type: none"> <li>Alloy steel, deadlocking, 3/4" (19mm) throw.</li> </ul>   |                                       |
| <b>Handing</b>                               | <ul style="list-style-type: none"> <li>Device &amp; trim non-handed.</li> </ul>  |                                       |
| <b>Cylinders</b>                             | <ul style="list-style-type: none"> <li>NOT furnished standard, specify when required. For cylinder details, see page 21.</li> </ul>  |                                       |
| <b>Trim</b>                                  | <ul style="list-style-type: none"> <li>The device and trim are sold separately, easy to mix and match, see page 15.</li> </ul>   |                                       |

**SVR**

# 32 / F32 Surface Vertical Rod Devices

## Applications

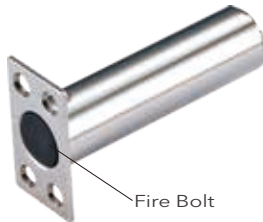
- Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.

## Doors & Preparations

- For all types of single and double doors.
- For new or retrofit installation into other manufacturers' devices.
- For doors 1-3/4" to 2-1/4" (45mm to 57mm) thick, up to 4' (1219mm) wide opening and up to 10' (3048mm) high; for thicker doors, consult factory.
- Furnished standard for 1-3/4" (45mm) thick, 3' (915mm) wide opening and 7' (2134mm) high doors.
- For maximum door opening applications and listings for fire exit devices, see page 30.



## Specifications

|  |   |  |
|--|---|--|
| Certification/Compliance   | <ul style="list-style-type: none"><li>Panic devices UL/cUL listed for UL305 and ANSI/BHMA A156.3-2014 Grade 1 Panic Hardware.</li><li>UL/cUL Fire rated for 3-hour Fire Exit Hardware, conforms to UL10C and UBC7-2. Also complies with NFPA 80 Fire doors and windows.</li><li>Exit devices, levers, trims and pulls comply with American Disability Act (ADA) and NFPA 101 life safety code.</li></ul>  |  |
| Center Case  | <ul style="list-style-type: none"><li>Heavy wrought steel assembly with top and bottom rod adjusters.</li></ul>   |  |
| Vertical Rods  | <ul style="list-style-type: none"><li>1/2" (12.7mm) square tubing, standard rods accommodate 7' (2134mm) door.</li><li>Top rod length is 38-3/16" (970mm), bottom rod length is 34-1/16" (865mm) standard.</li><li>Top rod length 50-3/16" (1275mm) is available for 8' (2438mm) door.</li><li>Extension rod available 24" (609mm) for doors ranging between 8' (2438mm) and 10' (3048mm) high. Specify when ordering.<br/>For rod size, see page 24.</li></ul> |  |
| Top Latchbolt  | <ul style="list-style-type: none"><li>Alloy steel, Pullman type deadlocking, 5/8" (16mm) throw.</li></ul>   |  |
| Bottom Latchbolt   | <ul style="list-style-type: none"><li>Alloy steel, Pullman type deadlocking, independent action 5/8" (16mm) throw.</li></ul>  |  |
| Top & Bottom Latch Case  | <ul style="list-style-type: none"><li>4-1/2" × 2-1/8" × 1-1/2" (114mm × 54mm × 38mm).</li></ul>   |  |
| Door Undercut  | <ul style="list-style-type: none"><li>1/4" (6mm).</li></ul>   |  |
| Strikes  | <p><b>Panic</b></p> <p>Top: P/N. 106Z (roller type)</p> <p>Bottom: P/N. 227</p> <p>See page 19.</p>   | <p><b>Fire</b></p> <p>Top: P/N. 108 (roller type)</p> <p>Bottom: P/N. 227F</p> |
| Dogging  | <ul style="list-style-type: none"><li>NOT available on fire exit hardware.</li><li>Dogging options available for LD, CD, See page 21.</li><li>Flat/hex key dogging standard.</li></ul>  |  |
| Fasteners  | <ul style="list-style-type: none"><li>Machine screws and wood screws are furnished standard.</li></ul>  |  |
| Sex Bolts (SNB)  | <ul style="list-style-type: none"><li>Required when used with wood, composite or non-reinforced hollow metal doors. For exit only device, specify 6-1024 SNB (No. 10-24) and 4-4120 SNB (No. 1/4-20). For device with trim, specify 2-1024 SNB (No. 10-24) and 4-4120 SNB (No. 1/4-20).</li></ul> <p>See page 9.</p>  |  |
| Electrical Functions   | <p>Can be interfaced with building security systems:</p> <ul style="list-style-type: none"><li>AL Alarm Exit</li><li>LM Latchbolt Monitoring</li><li>RX Request to Exit</li></ul> <p>See page 26.</p>   |  |
| Device Centerline from Finished Floor  | <ul style="list-style-type: none"><li>39-5/8" (1006mm).</li></ul>   |  |
| Fire Bolt Less Bottom Rod  | <ul style="list-style-type: none"><li>Available for door openings up to 8' (2438mm) wide × 10' (3048mm) high. Specify suffix "LBR".</li><li>Fire bolt is heat activated - used in Less Bottom Rod (LBR) option for fire exit devices.</li></ul>   |  |
| <div></div> |   |  |
| Handing  | <ul style="list-style-type: none"><li>Device &amp; trim non-handed.</li></ul>   |  |
| Cylinders  | <ul style="list-style-type: none"><li>NOT furnished standard, specify when required. For cylinder details, see page 21.</li></ul>   |  |
| Trim   | <ul style="list-style-type: none"><li>The device and trim are sold separately, easy to mix and match, see page 15.</li></ul>  |  |



# Trim Operation Options



**700 Series Trim**



**30 Series Pull Trim**



# Trim Operation Options

## 700 Series Trim



### Dummy Trim

Lever or knob rigid for pull operation  
(For 02 function)



### Passage Trim

Lever or knob always active  
(For 14 function)



### Night Latch

Key retracts latchbolt.  
Lever or knob is rigid  
(For 09 function)

### Features

- Sleek design square rose produced by stamping.
- Trims are designed to retrofit into other manufacturers' devices.
- Non-handed.
- Trims are UL/cUL certified for ANSI/BHMA A156.3-2014 Grade 1 and 3-hour Fire Rated.
- Specify lever or knob design. ("D" lever furnished standard, unless specified). For trim dimensions see page 10.

| ANSI/BHMA         | 02              | 08                             |
|-------------------|-----------------|--------------------------------|
|                   |                 |                                |
| <b>Operation</b>  | Dummy Pull Only | Key Locks or Unlocks Latchbolt |
| <b>Trim No.</b>   | 702             | 708                            |
| <b>Device No.</b> | 31              | 31                             |
|                   | 32              | 32                             |

## Cylinder Type



Standard



I/C

## Paddle Direction



Paddle Down



Paddle Up

The paddle direction can be installed upwards or downwards according to the users' preference.

## Lever / Grip Options

### Lever Options



D type  
Standard



Q type

### Knob Options



B type  
Standard

09

14



Night Latch Key Retracts Latchbolt

709

31

32



Lever Always Active, No Cylinder

714

31

32



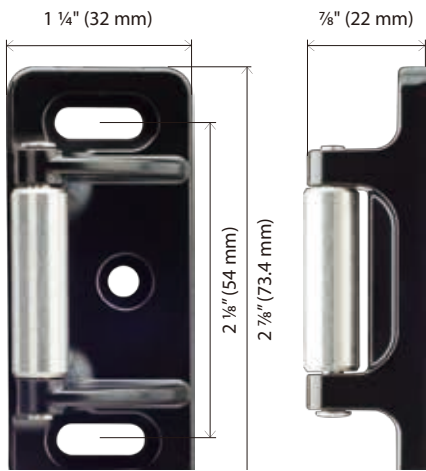
Pull latch

HL3014

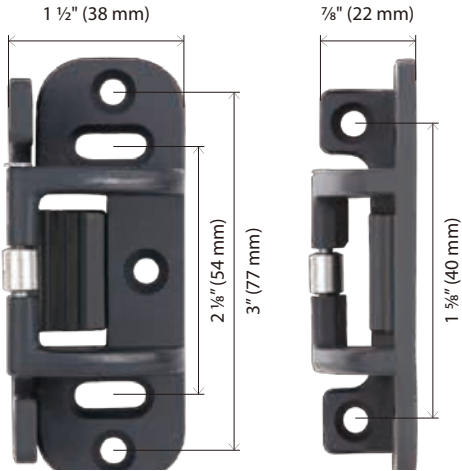


# Strikes

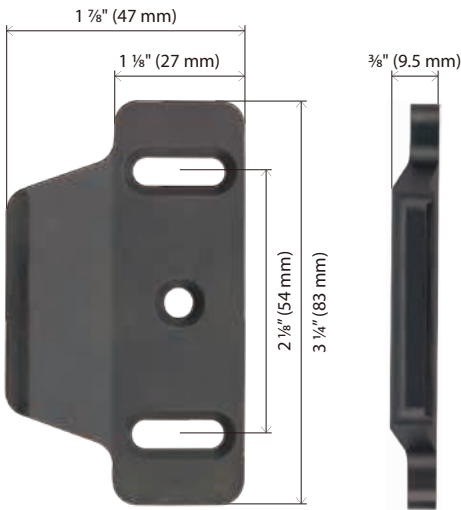
## Rim Device



**P/N. 106Z**  
**Rim Strike**  
For RIM / SVR top strike  
**P**



**P/N. 108**  
**Rim Strike**  
For double door RIM  
use with F170/F270 mullion  
**P** **⚠**



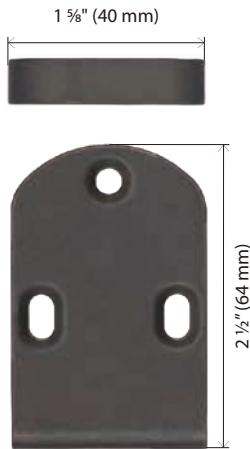
**P/N. 136**  
**Rim Strike**  
For double door RIM / SVR  
combination with coordinator  
**P** **⚠**

**P** Panic Application

**F** Fire Application

## Vertical Rod (VR) Device

### Top Strike



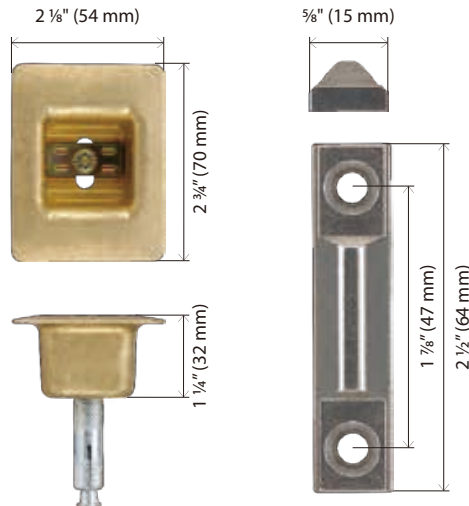
**P/N. 215**

#### Top Strike

For flush transom  
SVR



### Bottom Strike



**P/N. 227/227F**

#### Bottom Strike

Furnished standard for  
SVR



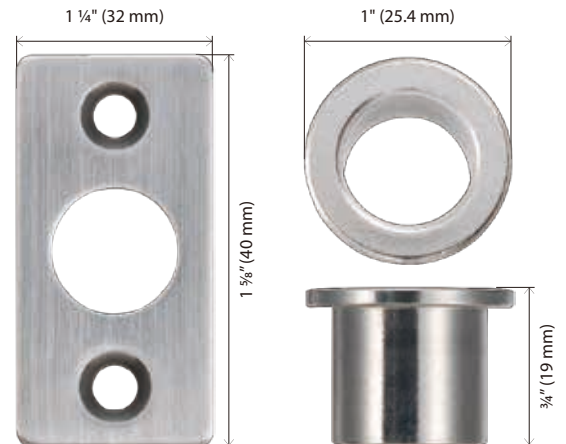
**P/N. 224**

#### Bottom Strike

Optional for  
SVR



### Flat Bottom Strike



**P/N. 225**

#### Flat Bottom Strike

Optional for  
SVR  
round slide bolt



**P/N. 226**

#### Flat Bottom Strike

Optional for  
SVR  
round slide bolt



## Shim



**P/N. 616819-010**

For 106Z Rim Strike

Two (2) pieces furnished standard





**P/N. 616819-030**

For 108 Rim Strike

Two (2) pieces furnished standard

# Cylinders

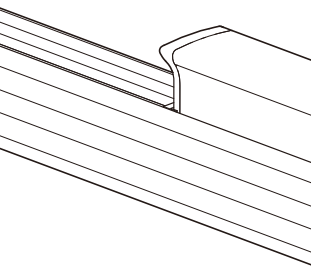
Cylinders are not furnished standard with the device or trim, specify when required. Schlage C keyway, 6-pin standard, available in 630 or 626 finish. Small format Interchangeable core combined/uncombined also available. Specify type and finish when ordering.

| Cylinder Type   | Applications     | Trim       | Cylinder | Cyl. Length (Part/No.) | Cylinder Cam |
|---|------------------|------------|----------|------------------------|--------------|
| Mortise Cylinder  |                  |            |          |                        |              |
|  | Cylinder Dogging | All Device | Standard | 1-1/4" (441-103)       | 440-0702     |
|  |                  |            | I/C      | 1-3/8" (442-701)       | 440-0718     |



**I/C Core**  
"A" keyway standard supplied. Specify 6 or 7 pin, combined or uncombined and finish 606 or 626 when ordering. Consult factory for other keyways.

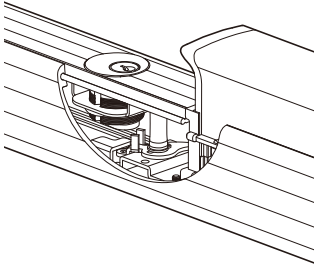
# Dogging



**LD**

**Less Dogging**

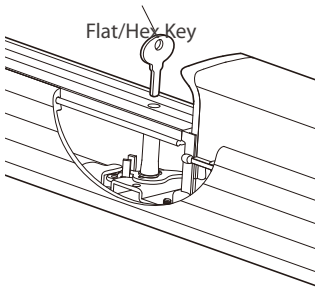
Less dogging is available in all 30 Series panic exit devices.



**CD**

**Cylinder Dogging**

Available for all models except for fire exit hardware. Cylinder dogging provides the ability to lock down the push bar with a key cylinder, allowing the door to be used in both push/pull mode. To order, specify "CD". Requires the use of a 1-1/4" (31.75mm) mortise cylinder (not furnished standard).



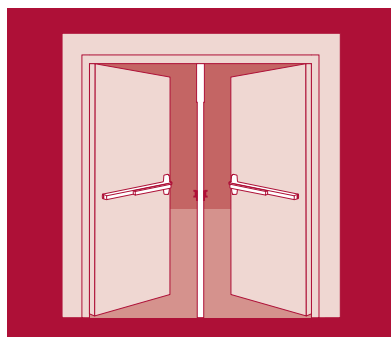
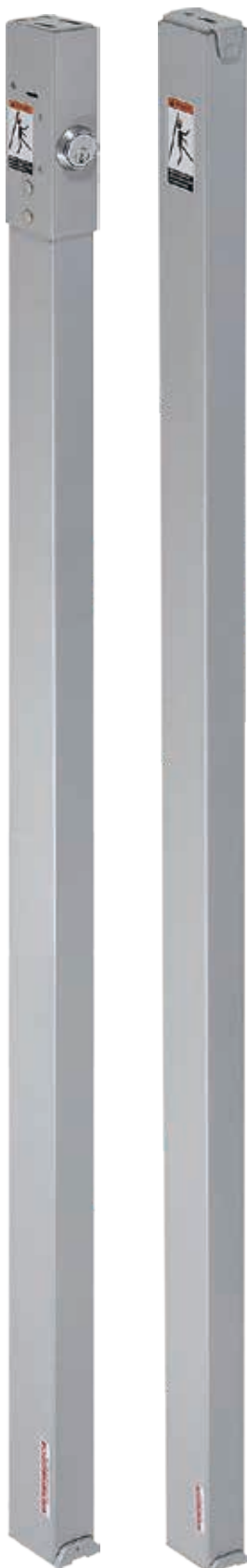
**HKD**

**Flat/Hex Key Dogging**





# Mullions



Removable mullions are used with paired doors where a full width opening is only occasionally required. Doors are fitted with Rim exit devices and normally function as single doors. Available in 7', 8' or 10' (2134mm, 2438mm or 3048mm) lengths.

**A**

## Model 170 / F170 Keyed Removable Mullion

### Top and Bottom Fittings:

Investment cast steel, furnished with steel anchors for floors.

### Mullion:

2" x 3" (50.8mm x 76.2mm) steel.

### Stock size:

8' (2438mm) length standard, can be cut for opening less than 8' (2438mm).  
10' (3048mm) length available upon request.

### Finishes:

600, 689, 695.

### UL Listed:

Listed for 3-hour Fire Rated Exit Hardware.

### Cylinder:

Not furnished standard, keying is standard  
1-1/8" (28.5mm) mortise cylinder with cam.  
Specify with or without strikes when ordering.

### The head design of 170/F170:

Provides a secure, quick and easy means of removal. The mullion can be installed and locked without using key.

**B**

## Model 270 / F270 Non-Keyed Removable Mullion

### Top and Bottom Fittings:

Investment cast steel, furnished with steel anchors for floors.

### Mullion:

2" x 3" (50.8mm x 76.2mm) steel.

### Stock size:

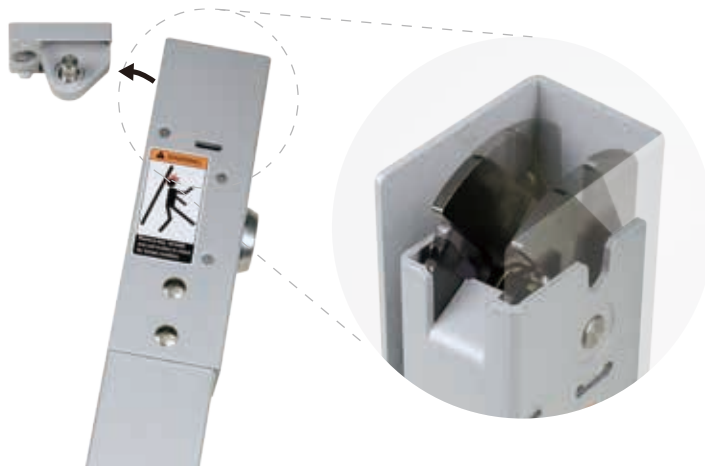
8' (2438mm) length standard, can be cut for opening less than 8' (2438mm).  
10' (3048mm) length available upon request.

### Finishes:

600, 689, 695.


### UL Listed:

Listed for 3-hour Fire Rated Exit Hardware.  
Specify with or without strikes when ordering.



# Miscellaneous


## Top Rod

| Illustration  | Device No. | Part No.                           | Rod Length                              | For Door Height |
|---|------------|------------------------------------|---|-----------------|
|  | 32         | 368231501000                       | 38-3/16" (970mm)                        | 7'              |
|   |            | 368231601000                       | 50-3/16" (1275mm)                       | 8'              |
|   |            | 368231601000<br>Add<br>616823-040* | 50-3/16" (1275mm)<br>Add<br>24" (609mm) | 10'             |

\* Extension rod

## Bottom Rod

For push bar location at 39-5/8" (1006mm) from finished floor.

| Illustration   | Device No. | Part No.     | Rod Length       |
|--|------------|--------------|------------------|
|  | 32         | 368231401000 | 34-1/16" (865mm) |

## Coordinator



### Gravity Coordinator

#### CR-07 / CR-09

- The gravity coordinator is applied on pair doors to allow inactive door to close before active door.
- Nylon and rubber rollers provide quiet and efficient operation and help protect the doors from damage.
- Non-handed
- UL/cUL certified for ANSI/BHMA A156.3-2014 Grade 2 and 3-hour Fire Rated.
- Finishes: 613, 626.



### Carry Open Bar

#### COB

- The carry open bar is applied on pair doors.
- When the inactive door is opened, the carry open bar provides the automatic opening of the active door as well.
- The carry open bar cannot be installed along with flush bolts.
- Non-handed
- Finishes: 613, 630.



## Bar Coordinator

**CR-32 / CR-42 / CR-52 / CR-60 / CR-72**

- The bar coordinator is applied on pair doors to allow inactive door to close before active door.
- All bar coordinator units function easily. The active door lever, located nearest to the active stop, holds the active door open until the trigger mechanism is released by the closing of the inactive door.
- All bar coordinator units are equipped with an adjustable override feature which allows the active door to close first under extreme pressure.
- All bar coordinator units are compatible with flush bolts.
- Finishes: 628, 707, 711.

## Portable Displaymount

**Note:** Please contact factory for more details.



## Light Duty Option

**PD 420**

- PD 420 for 31 type exit device.
- Size: 24" x 7-3/8" x 8" (600mm x 190mm x 205mm).
- Weight: 1.7 lb (0.8kg).

# Electrical



## AL

### Alarm Exit

The alarm exit provides a simple way to audibly monitor the use of an exit device. The unit contains an alarm which is activated when the push bar is depressed. The alarm sounds at 85 db. The unit operates on one standard 9-volt alkaline battery. When the battery is weak, the horn will emit an intermittent low battery alert signal. Can also be powered using the PS100 Series Power Supply.

The AL requires a standard 1-1/4" (31.75mm) mortise cylinder which is used as a key switch to perform the following functions:

- Silence the alarm after activation.
- Deactivate the alarm for continuous unmonitored egress.

**Available for all 30 Series devices from 3'0" to 4'0" wide doors, decal for application on door:**

**EMERGENCY EXIT ONLY**  
**PUSH TO OPEN ALARM WILL SOUND**

The AL is available with 2 optional circuit boards:

- External Inhibit (EI) allows the use of external switch to be used to arm, disarm and reset the alarm.
- Auto Reset (AR) rearms the alarm after a preset time. AR default setting time is 5 minutes, and can be manually switched to 1-1/2 or 3 minutes.

#### To order:

Prefix AL (e.g. AL 31).

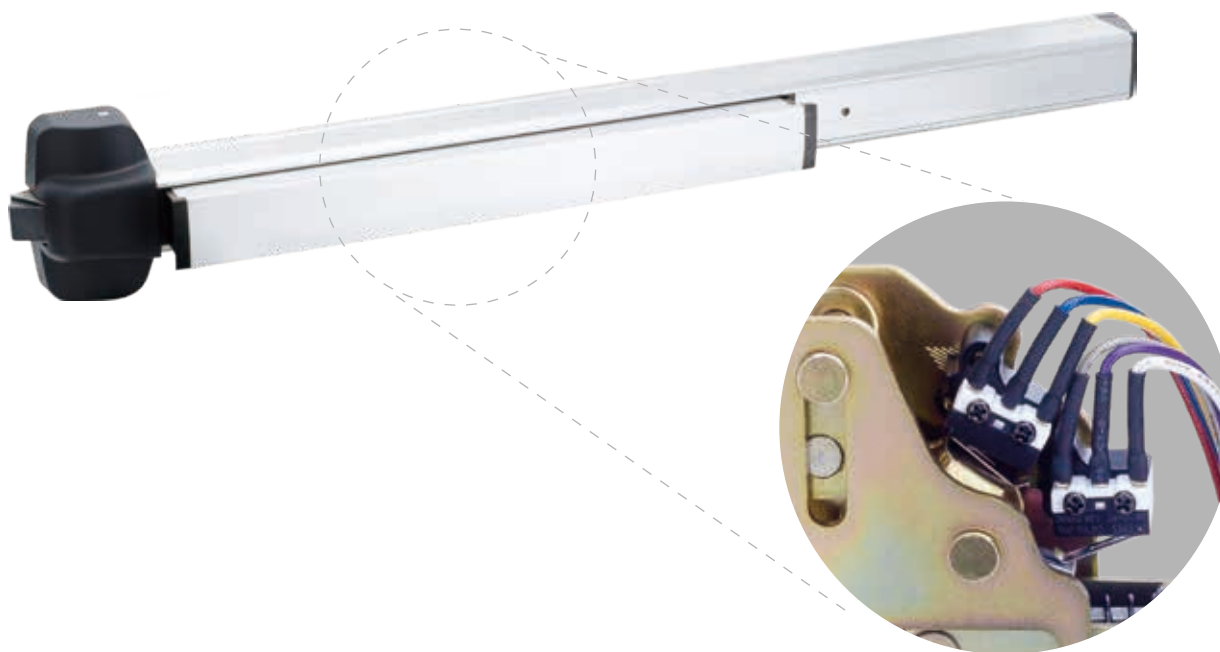
The alarm exit is available in kits for retrofit on existing Klacci devices. Specify finish when ordering.

#### To order:

E.g.: ALK Kit.

Alarm kits are available with a choice of two switch kits, RX or LM. RX monitors the push bar and is furnished standard.





## RX

### Request to Exit

#### Micro-switch Detecting Push Bar

The RX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the push bar. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

#### Electrical Ratings:

Switch rate: 24 VDC, 3 Amp SPDT.  
SPDT (Single Pole, Double Throw).

#### To order:

Prefix RX (e.g. RX 31).

## LM

### Latchbolt Monitoring

#### Micro-switch Detecting Latchbolt

The LM feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the latchbolt. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

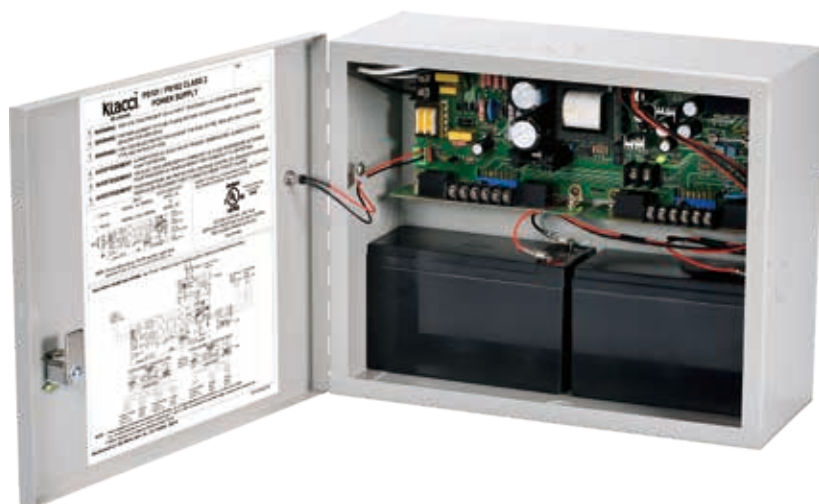
#### Electrical Ratings:

Switch rate: 24 VDC, 3 Amp SPDT.  
SPDT (Single Pole, Double Throw).

#### To order:

Prefix LM (e.g. LM 31).

# Power Supply



## PS100

The PS100 Power Supply is applicable for wide range of electrical products. It has an option to provide key to lock the enclosure. Battery backup has two hours backup power at full load during an A.C. power failure. Batteries will automatically recharge when failed power is restored. Fire alarm provides input for a normally closed fire alarm contact. When the fire alarm contact is "open", power to locks or other component is removed. Restoring power is field selectable for automatic or manual.

### Certification

UL/cUL listed as a power supply unit class 2, UL294, UL1034 and ULC-S318 requirements.

### Specifications

- UL/cUL listed for Class 2 output.
- LED indicators for AC input, DC output and battery backup status.
- The power supply can control up to (4) delayed egress exit devices.
- Circuit breakers provide protection for motherboard.
- Standard input options:
  - 120 VAC, 1.0 Amp or
  - 240 VAC, 0.5 Amp.
- Output power:
  - 24 VDC, 2 Amp or
  - 12 VDC, 4 Amp.

- Power supply box:

10" high × 12-1/2" wide × 5" deep (254mm × 318mm × 127mm), gray with a hinged cover and constructed of heavy 20 gauge steel.

- 3 options:

- (1) Key lock.
- (2) Fire alarm.
- (3) Battery backup (2 hrs.) during AC power failure.

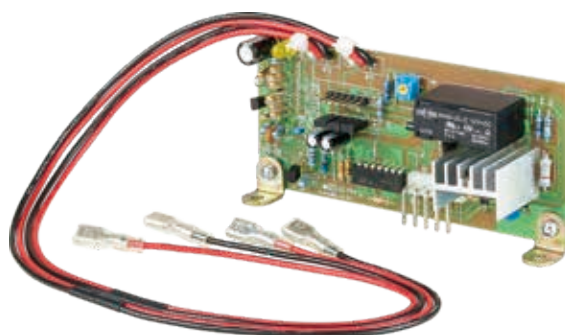
### To order:

The power supply model is determined on the number of devices requiring electrical power:

|            |                                   |
|------------|-----------------------------------|
| PS101      | Voltage 120 VAC                   |
| PS102      | Voltage 240 VAC                   |
| PS101K     | Voltage 120 VAC with Key lock     |
| PS102K     | Voltage 240 VAC with Key lock     |
| PS101 - 2  | Two (2) Zone Controller Board     |
| PS101 - 4  | Two (2) Zone Controller Board x 2 |
| PS101 - FA | Fire Alarm                        |
| PS101 - BB | Battery Backup                    |



100-2 Two (2) Zone Controller Board



100-FA Fire Alarm

100-BB Battery Backup

## Optional Circuit Cards

The PS100 Series is available with several optional circuit cards to provide system flexibility. The power supply will accept one or a combination of any two cards.

### Maximum wire run:

- 75 ft. with 14 gauge wire and 28 gauge power transfer.
- 100 ft. with 14 gauge wire and 24 gauge power transfer.
- 200 ft. with 12 gauge wire and 24 gauge power transfer.

### To order:

|            |  |
|------------|--|
| 100 - 2    | Two (2) Zone Controller Board            |
| 100 - K    | Key lock                                 |
| 100 - 101  | 120 VAC Power Supply Board               |
| 100 - 102  | 240 VAC Power Supply Board               |
| 100 - FA   | Fire Alarm                               |
| 100 - BB   | Battery Backup                           |
| 100 - AC*  | Access Control                           |
| 100 - AL*  | Alarm                                    |
| 100 - AO*  | Auto Operator                            |
| 100 - SI*  | Security Interlock                       |
| 100 - 4TD* | Four (4) Zone Controller with Time Delay |

\*Unavailable until further notice.

## Power Transfer - EPT

EPT-1 power transfer with steel housing and flexible tube. Secure and inconspicuous channel to bring power from the frame to the door. Narrow, shallow channel easily mortises into door edges. Accepts up to 3/8" (9.5mm) diameter wire bundle. Accommodates doors that swing open 120 degrees. Unit is concealed when the door is closed. Suitable for wood, aluminum or steel door applications.

EPT-2 Armored flex conduit. Accepts up to 1/4" (6.35mm) diameter wire bundle.

### To order:

Specify EPT-1.  
Specify EPT-2.



EPT-1



EPT-2

# Fire Door Applications and Listings

## F30 Series Fire Exit Devices Maximum Door Opening Applications and Listings

| Exit Device | Door Material | Single Door         | Double Door<br><i>With 170 mullion</i> | <i>With 270 mullion</i> | <i>VR/VR Same Direction</i> | <i>VR/VR Double Egress</i> |
|-------------|---------------|---------------------|--|-------------------------|-----------------------------|----------------------------|
| F31 RIM     | Metal         | 3 Hours<br>4' x 8'  | 3 Hours<br>8' x 8'                     | 3 Hours<br>8' x 8'      |                             |                            |
| F32 SVR     | Metal         | 3 Hours<br>4' x 10' |  |                         | 3 Hours<br>8' x 10'         | 3 Hours<br>8' x 10'        |
| F32 LBR     | Metal         | 3 Hours<br>4' x 10' |  |                         | 3 Hours<br>8' x 10'         | 3 Hours<br>8' x 10'        |

Metric conversion: 4' (1219mm), 8' (2438mm), 10' (3048mm).

### Notes:

1. Fire exit device conforms to UL10C and UBC7-2.
2. Fire exit device is applicable for wood door with 1-1/2-hour or 1/3-hour fire rating.
3. Consult with door manufacturer for specific limitations on fire door assemblies.





# How to Order

**Unless specified, 30 Series Exit Devices and Trim can be ordered as indicated below:**

**Device Only:** Device No. × Finish; Example: 31 x 628(panic device )  
F32 x 628(fire rated device)

**Trim Only:** Trim No. × Finish; Example: 708 × 626

**Device and Trim:** Device No. × Finish + Trim No. × Finish; Example: 31 x 628 + 708 × 626

**Optional Items:** As sequenced below.

| Device   | Ordering example |    |    |     |     |     |    |     |     |   |
|--|------------------|----|----|-----|-----|-----|----|-----|-----|---|
|  | AL               | 32 | LD | RBL | 628 | 307 | AF | + C | 708 | D |
| <b>Prefix for Electric Options</b>                   |                  |    |    |     |     |     |    |     |     |   |
| <b>AL</b> Alarm Exit                                 |                  |    |    |     |     |     |    |     |     |   |
| <b>LM</b> Latchbolt Monitoring                       |                  |    |    |     |     |     |    |     |     |   |
| <b>RX</b> Request to Exit                            |                  |    |    |     |     |     |    |     |     |   |
| <b>Blank</b> For Regular (Non-electric) Device       |                  |    |    |     |     |     |    |     |     |   |
| <b>Device Number and Rating</b>                      |                  |    |    |     |     |     |    |     |     |   |
| <b>Panic</b> 31 RIM                                  |                  |    |    |     |     |     |    |     |     |   |
| 32 SVR   |                  |    |    |     |     |     |    |     |     |   |
| <b>Fire</b> F31 RIM                                  |                  |    |    |     |     |     |    |     |     |   |
| F32 SVR  |                  |    |    |     |     |     |    |     |     |   |
| <b>Dogging</b> (see page 21)                         |                  |    |    |     |     |     |    |     |     |   |
| <b>CD</b> Cylinder dogging                           |                  |    |    |     |     |     |    |     |     |   |
| <b>Blank</b> Flat/hex key dogging                    |                  |    |    |     |     |     |    |     |     |   |
| <b>LD</b> Less dogging                               |                  |    |    |     |     |     |    |     |     |   |
| <b>Bottom Rod and Latch Options</b>                  |                  |    |    |     |     |     |    |     |     |   |
| <b>LBR</b> Less Bottom Rod                           |                  |    |    |     |     |     |    |     |     |   |
| <b>Finish</b> (see page 7)                           |                  |    |    |     |     |     |    |     |     |   |
| 613 (US10B)  |                  |    |    |     |     |     |    |     |     |   |
| 628 (US28)   |                  |    |    |     |     |     |    |     |     |   |
| <b>Device and Door Size</b>                          |                  |    |    |     |     |     |    |     |     |   |
| <b>307</b> 3' device for 2'4"~3'x7' (standard)       |                  |    |    |     |     |     |    |     |     |   |
| <b>308</b> 3' device for 2'4"~3'x8'                  |                  |    |    |     |     |     |    |     |     |   |
| <b>310</b> 3' device for 2'4"~3'x10'                 |                  |    |    |     |     |     |    |     |     |   |
| <b>407</b> 4' device for 2'10"~4'x7'                 |                  |    |    |     |     |     |    |     |     |   |
| <b>408</b> 4' device for 2'10"~4'x8'                 |                  |    |    |     |     |     |    |     |     |   |
| <b>410</b> 4' device for 2'10"~4'x10'                |                  |    |    |     |     |     |    |     |     |   |
| <b>Strike Options</b> (see page 19)                  |                  |    |    |     |     |     |    |     |     |   |
| <b>A</b> 106Z RIM strike                             |                  |    |    |     |     |     |    |     |     |   |
| <b>B</b> 108 RIM strike                              |                  |    |    |     |     |     |    |     |     |   |
| <b>C</b> 136 RIM pair door strike                    |                  |    |    |     |     |     |    |     |     |   |
| <b>D</b> 215 SVR top strike                          |                  |    |    |     |     |     |    |     |     |   |
| <b>F</b> 224 VR bottom strike                        |                  |    |    |     |     |     |    |     |     |   |
| <b>G</b> 225 VR bottom strike                        |                  |    |    |     |     |     |    |     |     |   |
| <b>H</b> 226 VR bottom strike                        |                  |    |    |     |     |     |    |     |     |   |
| <b>J</b> 227/227F VR bottom strike                   |                  |    |    |     |     |     |    |     |     |   |
| <b>Trim Operation Options</b> (see page 15)          |                  |    |    |     |     |     |    |     |     |   |
| <b>Prefix C</b> for clutch option                    |                  |    |    |     |     |     |    |     |     |   |
| <b>Blank</b> for standard operation                  |                  |    |    |     |     |     |    |     |     |   |
| <b>Trim Options</b> (see page 15)                    |                  |    |    |     |     |     |    |     |     |   |
| <b>700 Series</b> 702 , 708 , 709 , 714 , HL3014     |                  |    |    |     |     |     |    |     |     |   |
| <b>Lever / Knob with Cylinder Type</b> (see page 18) |                  |    |    |     |     |     |    |     |     |   |
| <b>D</b> D type lever with STD cylinder              |                  |    |    |     |     |     |    |     |     |   |
| <b>Q</b> Q type lever with STD cylinder              |                  |    |    |     |     |     |    |     |     |   |
| <b>B</b> B type knob with STD cylinder               |                  |    |    |     |     |     |    |     |     |   |
| <b>DI</b> D type SFIC lever without I/C core         |                  |    |    |     |     |     |    |     |     |   |
| <b>QI</b> Q type SFIC lever without I/C core         |                  |    |    |     |     |     |    |     |     |   |

## Trim

## Warranty

Klacci ("Company") warrants to the original purchaser ("Purchaser") that the products manufactured and provided under the Klacci® brand shall be free of defects in material and workmanship under normal use and service as follows: (a) mechanical locks for 5 years; (b) electrified products for 1 year, and (c) finishes for 1 year. The Purchaser shall be obligated to store, transport, install, maintain and operate the products in accordance with good practice and reasonable maintenance works, and has followed specific instructions from the Company. Furthermore, the cost incurred in removing and installing a replacement product is not included in the warranty. Upon return of a defective product, Klacci may repair or replace the product.

The present warranty does not cover:

1. Scratches, abrasions, deterioration due to the use of paints, solvents and other chemicals.
2. Normal wear and tear.
3. Lack of proper maintenance.
4. Abuse or any damage caused by improper installation, sabotage or misuse of the product.
5. Improper storage, shipping and handling.
6. Failure to follow instructions or guidelines provided by the Company.

Klacci makes no representations or warranties concerning any modification or installation along with other brand products that can potentially impact its intended operation or cause malfunction. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please follow its installation instructions accordingly or consult with a code specialist or local code official (authority having jurisdiction) to ensure compliance with all applicable codes and ratings.

Note:

- The warranty becomes effective from the date of shipment.

Contents in this catalog are for reference and illustration only. Shipments subject to actual productions. Please consult factory for final discretion.

These products and systems are under patent protection, counterfeiting not allowed.

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