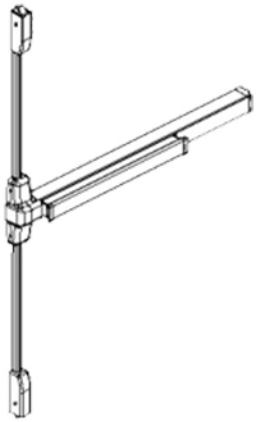
# Heavy Duty Exit Devices
# Delayed Egress Device
# ELR Devices

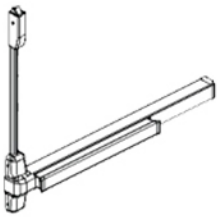
# Exit Devices

## MODELS

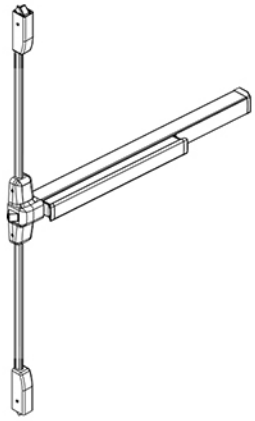
58110
Rim



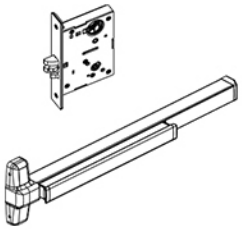
58330
Surface Vertical Rod



LBR58330
Less Bottom Rod
SVR



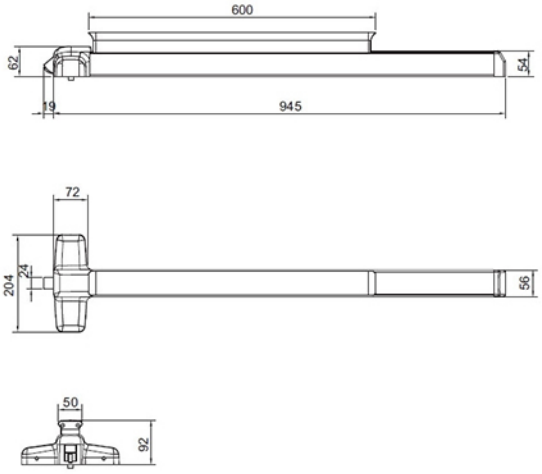
58330-1
3 Point Lock



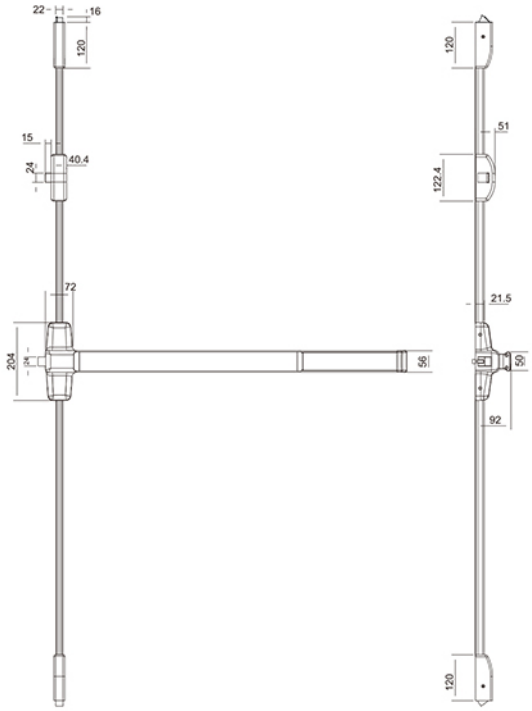
58220
Mortise

# Exit Devices

## DIMENSIONS




58110 Rim




58330 SVR

# 58110S Panic-Rated Rim Exit Device

# 58110F Fire-Rated Rim Exit Device

## SPECIFICATIONS

- **Device Length:** 24" (567mm), 36" (850mm), 48" (1137mm)
- **Door Width:** 24" for 24" (610mm)
  36" for 28" to 36" (711mm to 914mm)
  48" for 34" to 48" (864mm to 1219mm)
- **Door Height:** Standard rod 84" (2134mm)
  Extension rod 96" (2438mm)
  Special rod 120" (3048mm)
- **Door Thickness:** Min. 44mm.
- **Dogging Kit:** Hex key dogging.
- **Screw Pack:** For 1-3/4" (44mm) to 2-1/4" (57mm) thickness, metal or wood door.
- **Handling:** Non-handed.
- **Material:** Stainless steel, steel, aluminum.
- **Finish:** (1) standard: SS satin, silver painted.
  (2) optional: polishing, PVD, black, red.

## CERTIFICATIONS

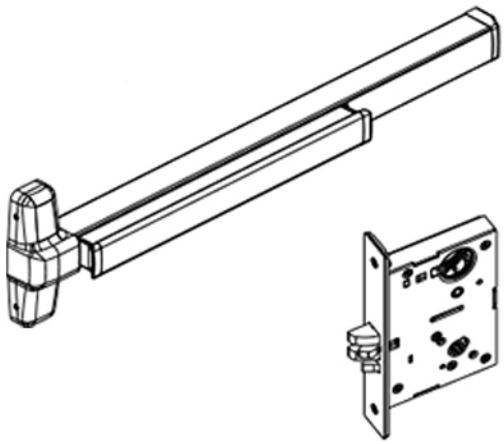
- **UL Listed:** UL10C, 3-hour fire rated.
- **BHMA Certified:** ANSI A156.3 Grade 1.

# 58220S Panic-Rated Mortise Lock Exit Device

# 58220F Fire-Rated Mortise Lock Exit Device

## SPECIFICATIONS

- **Device Length:** 24" (567mm), 36" (850mm), 48" (1137mm)
- **Door Width:** 24" for 24" (610mm)
  36" for 28" to 36" (711mm to 914mm)
  48" for 34" to 48" (864mm to 1219mm)
- **Door Height:** Standard rod 84" (2134mm)
  Extension rod 96" (2438mm)
  Special rod 120" (3048mm)
- **Door Thickness:** Min. 44mm.
- **Dogging Kit:** Hex key dogging.
- **Screw Pack:** For 1-3/4" (44mm) to 2-1/4" (57mm) thickness, metal or wood door.
- **Handling:** Non-handed.
- **Material:** Stainless steel, steel, aluminum.
- **Finish:** (1) standard: SS satin, silver painted.
  (2) optional: polishing, PVD, black, red.



## CERTIFICATIONS

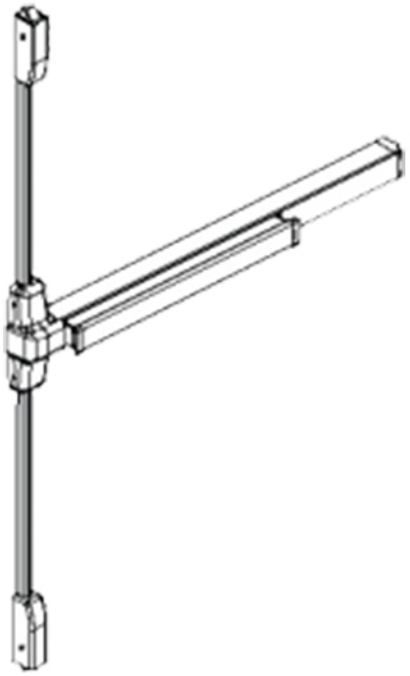
- **UL Listed:** UL10C, 3-hour fire rated.
- **BHMA Certified:** ANSI A156.3 Grade 1.

# 58330S Panic-Rated SVR Exit Device

# 58330F Fire-Rated SVR Exit Device

## SPECIFICATIONS

- **Device Length:** 24" (567mm), 36" (850mm), 48" (1137mm)
- **Door Width:** 24" for 24" (610mm)
  36" for 28" to 36" (711mm to 914mm)
  48" for 34" to 48" (864mm to 1219mm)
- **Door Height:** Standard rod 84" (2134mm)
  Extension rod 96" (2438mm)
  Special rod 120" (3048mm)
- **Door Thickness:** Min. 44mm.
- **Dogging Kit:** Hex key dogging.
- **Screw Pack:** For 1-3/4" (44mm) to 2-1/4" (57mm) thickness, metal or wood door.
- **Handling:** Non-handed.
- **Material:** Stainless steel, steel, aluminum.
- **Finish:** (1) standard: SS satin, silver painted.
  (2) optional: polishing, PVD, black, red.



## CERTIFICATIONS

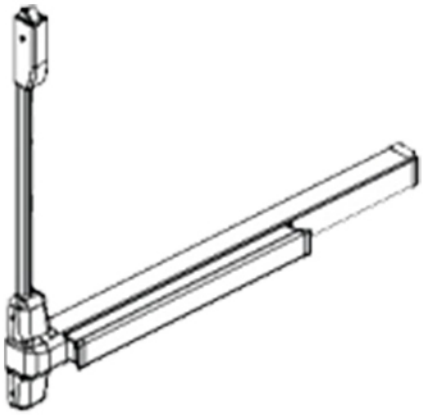
- **UL Listed:** UL10C, 3-hour fire rated.
- **BHMA Certified:** ANSI A156.3 Grade 1.

# Less Bottom Rod

## LBR58330S Panic-Rated SVR Exit Device
## LBR58330F Fire-Rated SVR Exit Device

## SPECIFICATIONS

- **Device Length:** 24" (567mm), 36" (850mm), 48" (1137mm)
- **Door Width:** 24" for 24" (610mm)
  36" for 28" to 36" (711mm to 914mm)
  48" for 34" to 48" (864mm to 1219mm)
- **Door Height:** Standard rod 84" (2134mm)
  Extension rod 96" (2438mm)
  Special rod 120" (3048mm)
- **Door Thickness:** Min. 44mm.
- **Dogging Kit:** Hex key dogging.
- **Screw Pack:** For 1-3/4" (44mm) to 2-1/4" (57mm) thickness, metal or wood door.
- **Handling:** Non-handed.
- **Material:** Stainless steel, steel, aluminum.
- **Finish:** (1) standard: SS satin, silver painted.
  (2) optional: polishing, PVD, black, red.



## CERTIFICATIONS

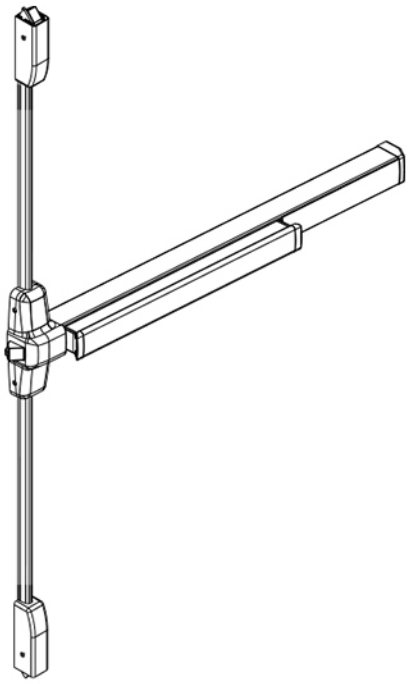
- **UL Listed:** UL10C, 3-hour fire rated. (LBR58330F pending)
- **BHMA Certified:** ANSI A156.3 Grade 1.

# 58330S-1 Panic-Rated 3-Point Exit Device

# 58330F-1 Fire-Rated 3-Point Exit Device

## SPECIFICATIONS

- **Device Length:** 24" (567mm), 36" (850mm), 48" (1137mm)
- **Door Width:** 24" for 24" (610mm)
  36" for 28" to 36" (711mm to 914mm)
  48" for 34" to 48" (864mm to 1219mm)
- **Door Height:** Standard rod 84" (2134mm)
  Extension rod 96" (2438mm)
  Special rod 120" (3048mm)
- **Door Thickness:** Min. 44mm.
- **Dogging Kit:** Hex key dogging.
- **Screw Pack:** For 1-3/4" (44mm) to 2-1/4" (57mm) thickness, metal or wood door.
- **Handling:** Non-handed.
- **Material:** Stainless steel, steel, aluminum.
- **Finish:** (1) standard: SS satin, silver painted.
  (2) optional: polishing, PVD, black, red.

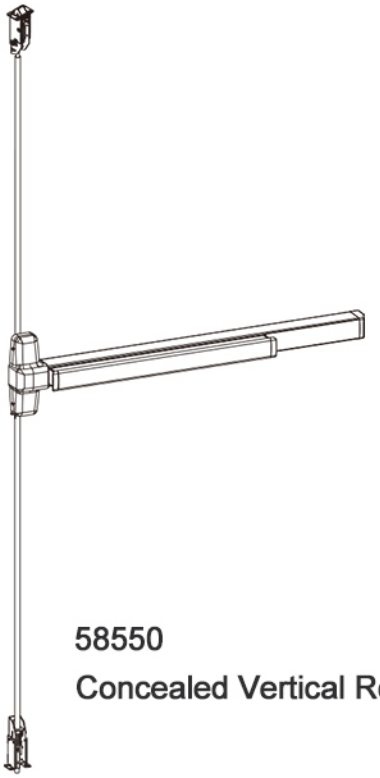


## CERTIFICATIONS

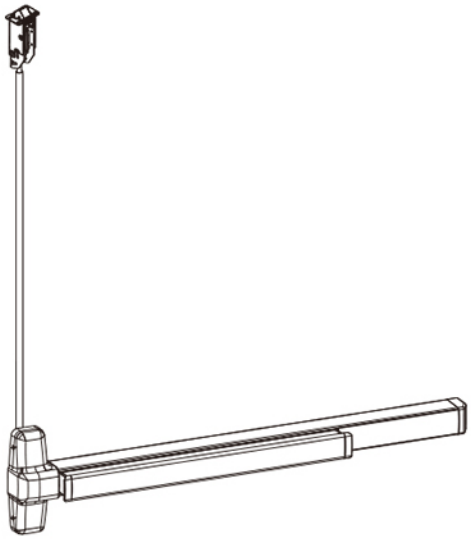
- **UL Listed:** UL10C, 3-hour fire rated. (58330F-1 pending)
- **BHMA Certified:** ANSI A156.3 Grade 1.

# Exit Devices

## MODELS



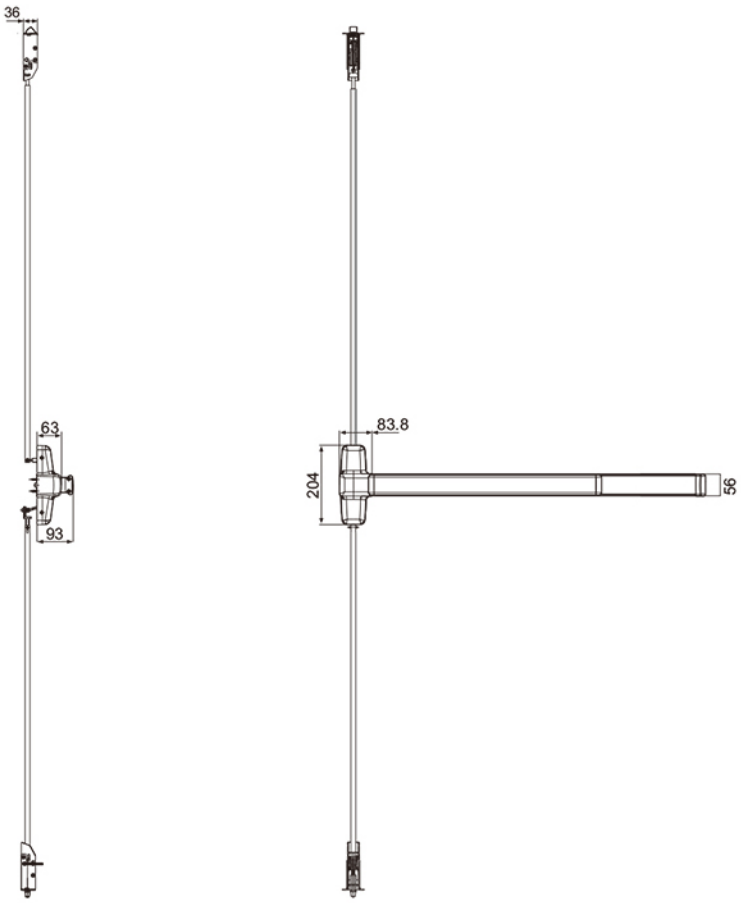
58550
Concealed Vertical Rod



LBR58550
Less Bottom Rod
CVR

# Exit Devices

## DIMENSIONS

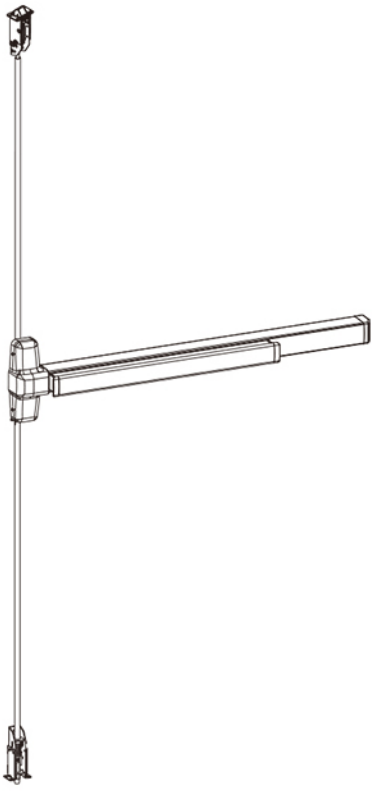


# 58550S Panic-Rated CVR Exit Device

# 58550F Fire-Rated CVR Exit Device

## SPECIFICATIONS

- **Device Length:** 24" (567mm), 36" (850mm), 48" (1137mm)
- **Door Width:** 24" for 24" (610mm)
  36" for 28" to 36" (711mm to 914mm)
  48" for 34" to 48" (864mm to 1219mm)
- **Door Height:** Standard rod 84" (2134mm)
  Extension rod 96" (2438mm)
  Special rod 120" (3048mm)
- **Door Thickness:** Min. 44mm.
- **Dogging Kit:** Hex key dogging.
- **Screw Pack:** For 1-3/4" (44mm) to 2-1/4" (57mm) thickness, metal or wood door.
- **Handling:** Non-handed.
- **Material:** Stainless steel, steel, aluminum.
- **Finish:** (1) standard: SS satin, silver painted.
  (2) optional: polishing, PVD, black, red.



## CERTIFICATIONS

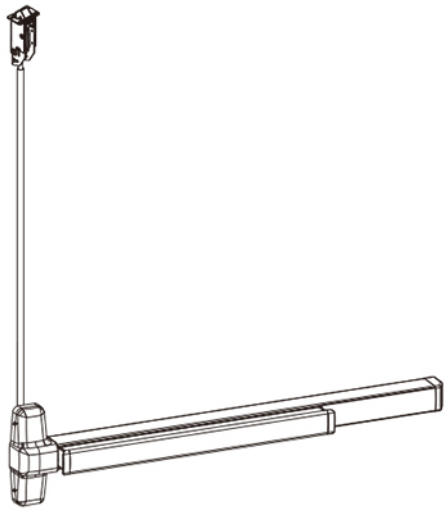
- **UL Listed:** Pending
- **BHMA Certified:** Pending

# Less Bottom Rod

## LBR58550S Panic-Rated CVR Exit Device
## LBR58550F Fire-Rated CVR Exit Device

## SPECIFICATIONS

- **Device Length:** 24" (567mm), 36" (850mm), 48" (1137mm)
- **Door Width:** 24" for 24" (610mm)
  36" for 28" to 36" (711mm to 914mm)
  48" for 34" to 48" (864mm to 1219mm)
- **Door Height:** Standard rod 84" (2134mm)
  Extension rod 96" (2438mm)
  Special rod 120" (3048mm)
- **Door Thickness:** Min. 44mm.
- **Dogging Kit:** Hex key dogging.
- **Screw Pack:** For 1-3/4" (44mm) to 2-1/4" (57mm) thickness, metal or wood door.
- **Handling:** Non-handed.
- **Material:** Stainless steel, steel, aluminum.
- **Finish:** (1) standard: SS satin, silver painted.
  (2) optional: polishing, PVD, black, red.

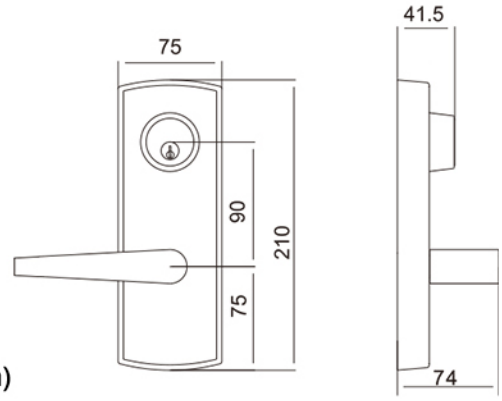


## CERTIFICATIONS

- **UL Listed:** Pending.
- **BHMA Certified:** Pending.

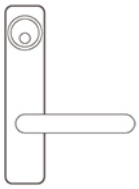
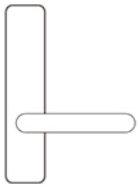
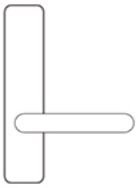
# Escutcheon Levers for Wide Stile Exit Device

(free wheeling clutch design)



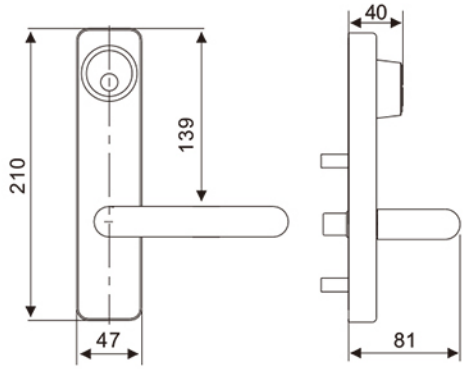

## FEATURES

- Non-handed, easy installation with exit device.
- Cylinder is not furnished standard. Specify cylinder type: regular cylinder, IC core cylinder, no cylinder, when the cylinder is required.
- It fits door thickness 44 to 50mm.
- Material: stainless steel. Finish: polishing, PVD, black, red.
- Clutch free wheeling design (58110L01 series). The lever rotates when the door is locked preventing excessive force from being applied to the horizontal lever. This feature can cause less harm on the lever damage.

| Picture |  |  |  |
|---|---|---|---|
| **Function** | Classroom | Passage | Dummy |
| **ANSI Function** | 08 | 14 | 02 |
| **Operation Function** | key locks or unlocks lever | latchbolt operated by lever at any time | rigid lever, no outside funtion |
| **Model** | 58110L01A | 58110L01B | 58110L01D |

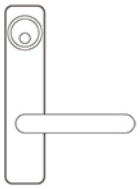
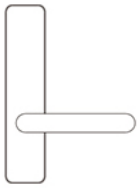
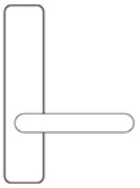
# Escutcheon Levers

for Narrow Stile Exit Device

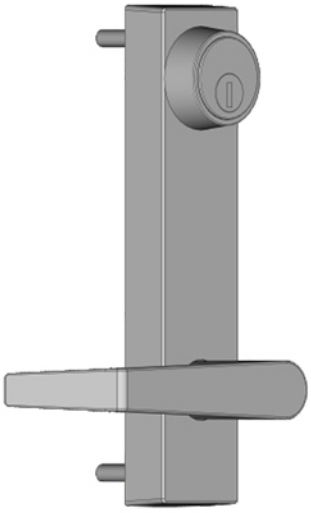


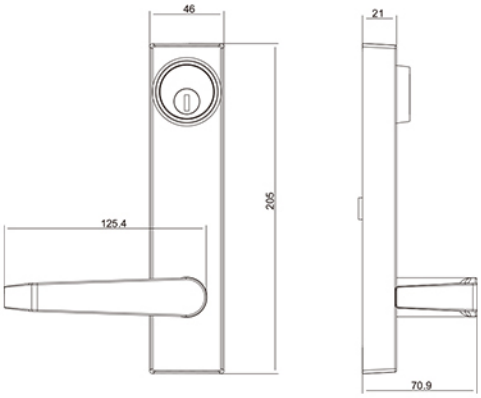

## FEATURES

- Non-handed, easy installation with exit device.
- Cylinder is not furnished standard. Specify cylinder type: regular cylinder, IC core cylinder, no cylinder, when the cylinder is required.
- It fits door thickness 44 to 50mm.
- Material: stainless steel. Finish: polishing, PVD, black, red.

| Picture |  |  |  |
|---|---|---|---|
| **Function** | Classroom | Passage | Dummy |
| **ANSI Function** | 08 | 14 | 02 |
| **Operation Function** | key locks or unlocks lever | latchbolt operated by lever at any time | rigid lever, no outside funtion |
| **Model** | 57110L01A | 57110L01B | 57110L01D |

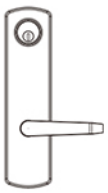
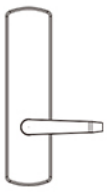
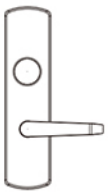
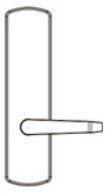
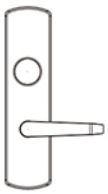
# Escutcheon Levers for Narrow Stile Exit Device





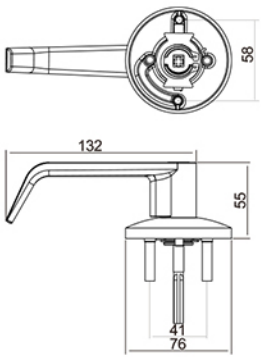

## FEATURES

- Non-handed, easy installation with exit device.
- Cylinder is not furnished standard. Specify cylinder type: regular cylinder, IC core cylinder, no cylinder, when the cylinder is required.
- It fits door thickness 44 to 50mm.
- Material: stainless steel. Finish: polishing, PVD, black, red.

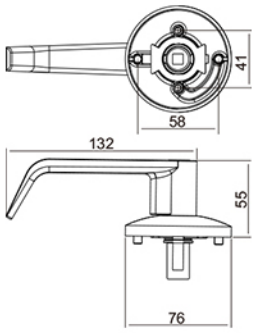
| Picture |  |  |  |  |  |
|---|---|---|---|---|---|
| **Function** | Classroom | Passage | Night Latch | Dummy | ANSI Function |
| **ANSI Function** | 08 | 14 | 03 | 02 | 03 |
| **Operation Function** | key locks or unlocks lever | latchbolt operated by lever at any time | key retracts latchbolt | rigid lever, no outside funtion | lever is operated by mortise lock. Key retracts latch of mortise lock. |
| **Model** | 57120L01A | 57120L01B | 57120L01C | 57120L01D | 57120L01E |

# Rose Levers

for Wide Stile Exit Device



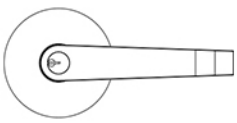

58110SF01
for rim exit device




58220SF01
for mortise lock exit device

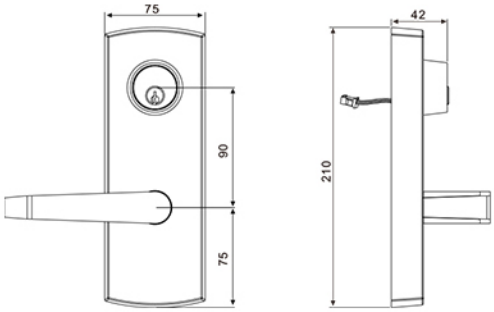
## FEATURES

- Non-handed, easy installation with exit device.
- 58110SF01: with fixed cross shape spindle.
  58220SF01: with spindle housing adaptor.
- It fits door thickness 45 to 50mm.
- Material: stainless steel. Finish: polishing, PVD, black, red.

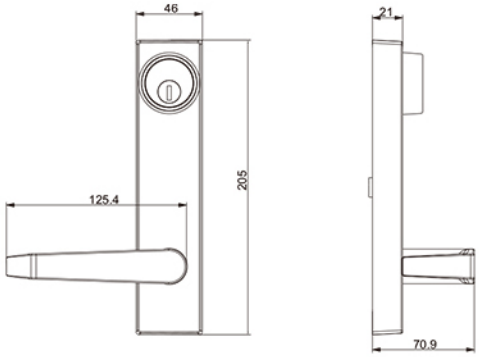
| | |
|---|---|
| **Picture** |  |
| **Function** | Classroom |
| **ANSI Function** | 08 |
| **Operation Function** | key in lever locks or unlocks lever |
| **Model** | 58110SF01A<br>58220SF01A |

# Electric Escutcheon Levers

E58110L01A
for Wide Stile Exit Device
(free wheeling clutch design)




E57120L01A
for Narrow Stile Exit Device




## FEATURES

- Non-handed, easy installation with exit device.
- Cylinder is not furnished standard. Specify cylinder type: regular cylinder, IC core cylinder, no cylinder, when the cylinder is required.
- It fits door thickness 44 to 50mm.
- Material: stainless steel. Finish: polishing, PVD, black, red.
- Clutch free wheeling design (E58110L01A). The lever rotates when the door is locked preventing excessive force from being applied to the horizontal lever. This feature can cause less harm on the lever damage.

## ELECTRIC SPECIFICATIONS

- **Current draw:** 300mA@12VDC, 150mA@24VDC
- **Field modes:** fail safe, or fail secure.

# Strikes

## Rim Device use

for 58110 series

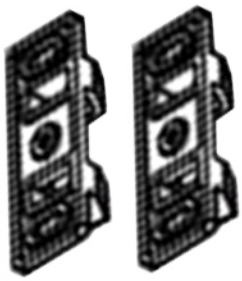
single door

double door

## LBR Device use

for LBR58330 series

single door

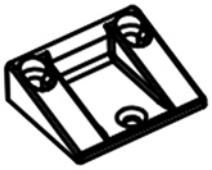


double door

## 3-point Lock Device use

for 58330-1 series

top strike



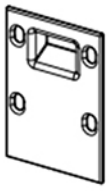
bottom strike

## CVR Device use

for 58550 series

top strike

top strike



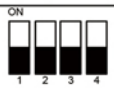
bottom strike

# Delayed Egress Exit Device

**Function:**

The alert is triggered after push pad is depressed more than 2 seconds. The alarm stops and door opens after delayed setting time. To stop alert and open door by key or access control system.

With LED indicator.

| Delay time | Jumper Setting | Delay time | Jumper Setting |
|---|---|---|---|
| 0 delay |  | 10s delay | |
| 5s delay | | 15s delay | |

**Models:**

- 58110F-DE Rim
- 58220F-DE Mortise
- 58330F-DE SVR
- 58550F-DE CVR
- LBR58330F-DE LBR

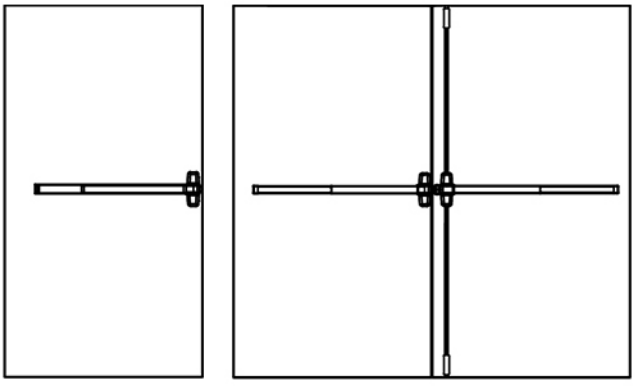
**Monitoring switch:**

- Latch
- Touch bar

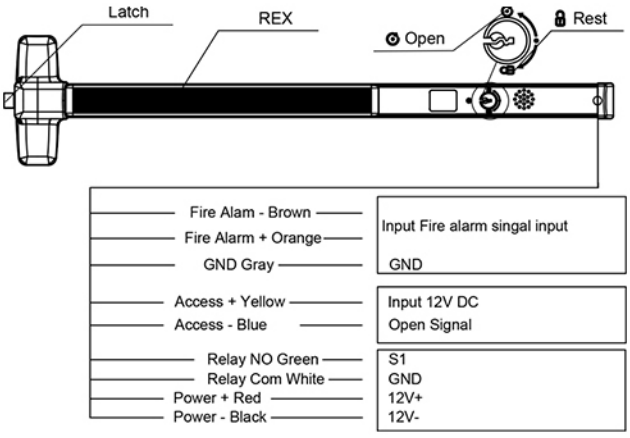
**Electrical Spec.:**

- Operation voltage 12-24VDC.
- Operation current 300mA.

**Application:**



**Wiring Diagram:**



# Electric Latch Retraction Exit Device

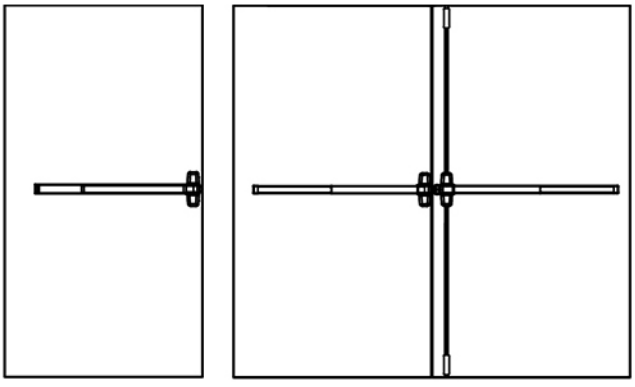
**Function:**
Motor driven latch retraction,
release by solenoid.

**Electrical Spec.:**
- Operation voltage 12-24VDC.
- Operation current 500mA.

**Models:**
- 58110F-DE Rim
- 58220F-DE Mortise
- 58330F-DE SVR
- 58550F-DE CVR
- LBR58330F-DE LBR

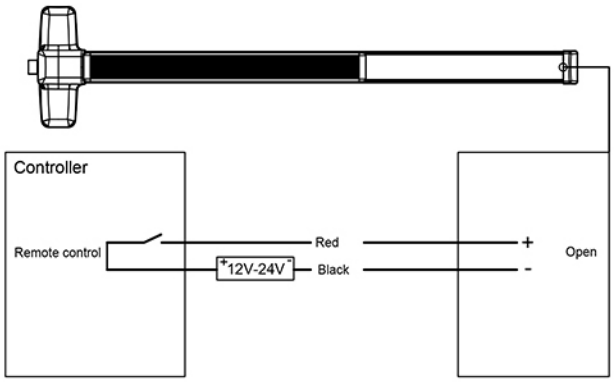
**Monitoring switch:**
- Latch
- Touch bar
- Trim
- Top and bottom bolt.

**Application:**



single door double door

**Wiring Diagram:**



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