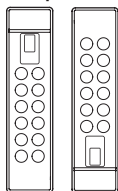


SAFE-O-TRONIC® Battery Powered Electronic Locking Systems

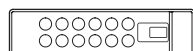
→ LS 150 Keypad Lock



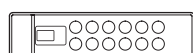
Vertical,  
lever  
on top



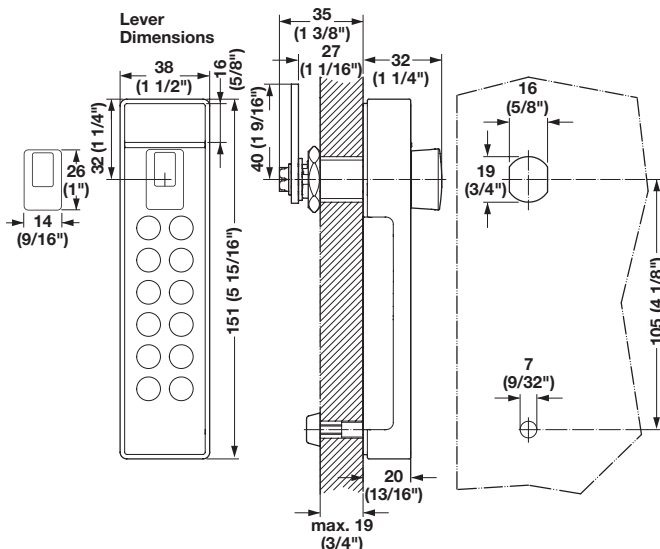
Vertical,  
lever on  
bottom



Horizontal, lever on right



Horizontal, lever on left



- > SAFE-O-TRONIC® access LS 150 is a lock used to electrically control cabinet doors, drawers and lockers
- > This lock operates in a day use or fixed mode
- > Lock is electrically released with a correct PIN code entered on the keypad.

**Features**

- > Lock complies with ADA standards for door locks
- > Lock is programmed with RFID FOBs for set up and emergency opening
- > Lock is easily programmed by user with easy to use keypad
- > Lock mounts vertically for raised panel doors
- > Lock powered by a 3-AAA battery, included 231.98.210
- > Low battery indicator via external LEDs
- > Designed to pass the ANSI/BIFMA 50 lbf. pull strength specification
- > Long battery life (10 lock cycles per day for four years)
- > Easy installation with only two drill points
- > For left hand and right hand operation
- > One programming key set required for project

**Areas of Application**

- > Suitable for interior use
- > Suitable for installation in wood, laminate, plastic and metal doors and drawers

**Operating Modes**

- > Day Use Mode: Allows the user to choose their code at time of operation  
Recommended for shared lockers or cabinets in a typical fitness locker room application
- > Fixed Use Mode: Allows management to set user codes  
99 user codes per lock possible  
Assigned locker applications

**Technical Data**

|                       |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Tensile load limit:   | 1000 N. (225 lbf.)                                                                                           |
| Environmental:        | Operating temp.: -10°-65° C (14°-150° F)<br>Humidity (operating): 0-90%, non-condensing<br>Protection: IP 43 |
| Electrical:           | Supply voltage: 4.5 VDC<br>Connections: Battery pack, self-contained<br>Battery Life: 32,000 lock cycles     |
| Standards Compliance: | CE                                                                                                           |

**Note**

LS 150 programming key set required for programming and master key operation (see below).

- > Material: Lock body: Aluminum; Color: gray  
Face plate: Plastic; Color: black; Cam: Steel

| Lock orientation           | Handing | Item No.   |
|----------------------------|---------|------------|
| Vertical, lever on top     | RH/LH   | 231.98.090 |
| Vertical, lever on bottom  | RH/LH   | 231.98.091 |
| Horizontal, lever on left  | RH      | 231.98.092 |
| Horizontal, lever on right | LH      | 231.98.093 |

**Supplied With**

Nut  
Straight cam  
Mounting screw  
Spacers  
Instructions  
3-AAA battery pack

**Note**

Batteries changed with Torx™ Screw Driver (sold separately, Item no. 231.99.909).

→ LS 150 Programming Key Set

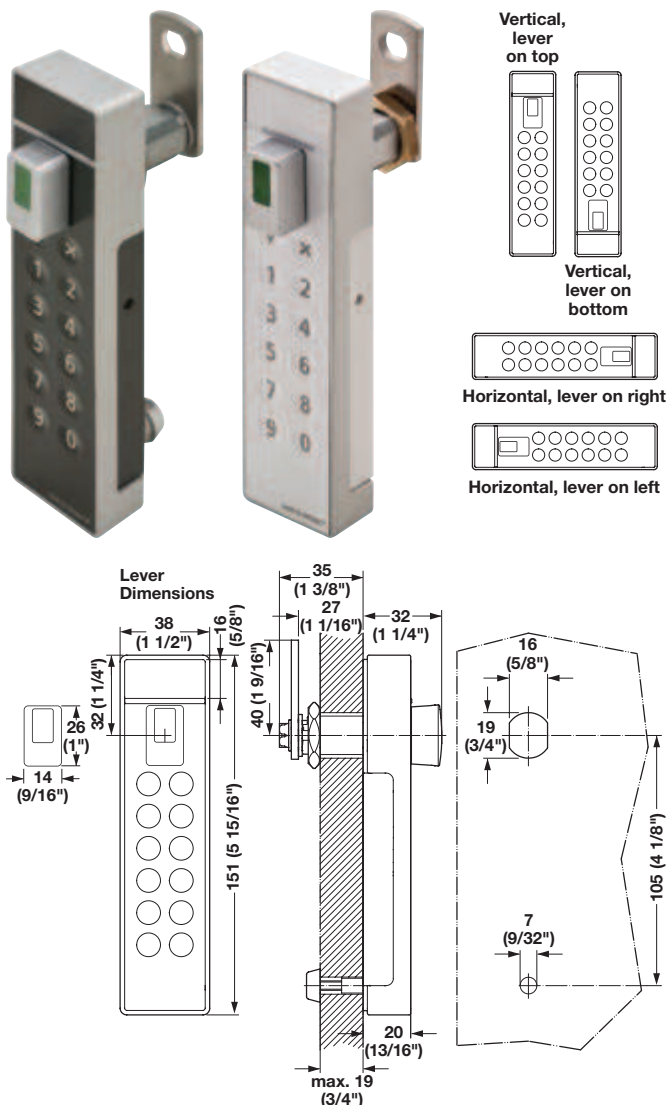


- > Material: Plastic

| Color | Item No.   |
|-------|------------|
| black | 231.98.511 |

SAFE-O-TRONIC® Battery Powered Electronic Locking Systems

→ LS 200 Keypad Lock



- > SAFE-O-TRONIC® access LS 200 is a lock used to electrically control cabinet doors, drawers and lockers
- > This lock operates in a day use or fixed mode
- > Lock is electrically released with a correct PIN code entered on the keypad.

**Features**

- > Lock complies with ADA standards for door locks
- > Lock is programmed with RFID FOBs for set up and emergency opening
- > Lock is easily programmed by user with easy to use keypad
- > Lock mounts vertically for raised panel doors
- > Lock powered by a 3-AAA battery pack, included 231.98.210
- > Low battery indicator via external LEDs
- > Designed to pass the ANSI/BIFMA 50 lbf. pull strength specification
- > Long battery life (10 lock cycles per day for four years)
- > Easy installation with only two drill points
- > For left hand and right hand operation
- > One programming key set required for project

**Areas of Application**

- > Suitable for interior use
- > Suitable for installation in wood, laminate, plastic and metal doors and drawers

**Operating Modes**

- > Day Use Mode: Allows the user to choose their code at time of operation  
Recommended for shared lockers or cabinets in a typical fitness locker room application
- > Fixed Use Mode: Allows management to set user codes  
99 user codes per lock possible  
Assigned locker applications

**Technical Data**

|                       |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Tensile load limit:   | 1000 N. (225 lbf.)                                                                                           |
| Environmental:        | Operating temp.: -10°-65° C (14°-150° F)<br>Humidity (operating): 0-90%, non-condensing<br>Protection: IP 43 |
| Electrical:           | Supply voltage: 4.5 VDC<br>Connections: Battery pack, self-contained<br>Battery Life: 32,000 lock cycles     |
| Standards Compliance: | CE                                                                                                           |

**Note**

LS 200 programming key set required for programming and master key operation (see below).

→ LS 200 Programming Key Set



- > Material: Plastic

| Color | Item No.   |
|-------|------------|
| black | 231.98.508 |

- > Material: Lock body: Aluminum; Color: gray  
Face plate: Plastic; Cam: Steel

| Lock orientation           | Handing | black      | white      |
|----------------------------|---------|------------|------------|
| Vertical, lever on top     | RH/LH   | 231.98.010 | 231.98.015 |
| Vertical, lever on bottom  | RH/LH   | 231.98.011 | 231.98.016 |
| Horizontal, lever on left  | RH      | 231.98.012 | 231.98.017 |
| Horizontal, lever on right | LH      | 231.98.013 | 231.98.018 |

**Supplied With**

Nut  
Straight cam  
Mounting screw  
Spacers  
Instructions  
3-AAA battery pack

**Note**

Batteries changed with Torx™ Screw Driver (sold separately, Item no. 231.99.909).