

EB-300 Surface Mount Electric Dropbolt



Statement

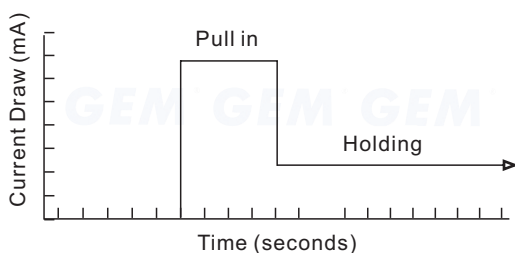
The EB-300 electric dropbolt is designed for surface mount application and the EB-300VGL is designed for frameless glass door and glass wall applications.

Specifications

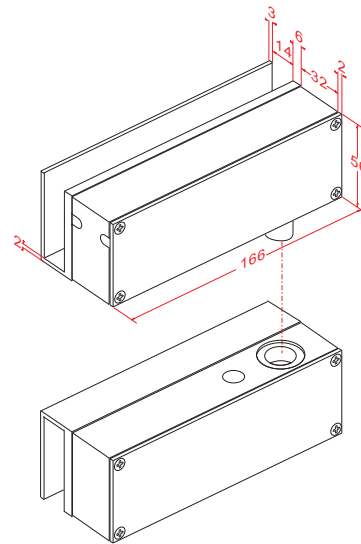
- Fail-Safe Version (Power to Lock)
- Operating Voltage: 12 VDC
- Voltage Tolerance: $\pm 10\%$
- Current Draw:
 - Pull in: 0.9A, Holding: 0.3A/12VDC (at temperature 20°C)
- Door Position status output (Reed rated 0.25A/30VDC) indicates door opened or closed status.
- Operating Temperature: $-10\sim+45^{\circ}\text{C}$
- Humidity: 0~95% non-condensing.
- Tested to 500000 cycles.
- Auto-relocking Time Delay : 0, 3, 6, 9seconds
- Net Weight :
 - EB-300: 1.1 Kg
 - EB-300VGL: 1.7 Kg

Energy Saving Design

After the dropbolt is completely locked, the current draw changes from 0.9A into 0.3A to prolong its lifetime.



Dimension



Unit: mm

Solid bolt for superior strength

Greater security is provided by the 13.5mm diameter (16mm bolt throw) solid stainless steel bolt with hardened magnet core, which has resistant to metal cutting saws. The bolt also rotates freely, making attempts to tamper or cut extremely difficult.

Long life solenoids

Special designed solenoid for strength and long life operating lifetime with guaranteed 500,000 operations.

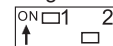
Relock Time Delay

Adjustable Time Delay of 0,3,6,9 seconds with 2 way DIP switch. (Default Value: 0 sec.)

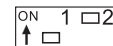
Relock time setting



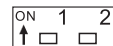
0 seconds



3 seconds



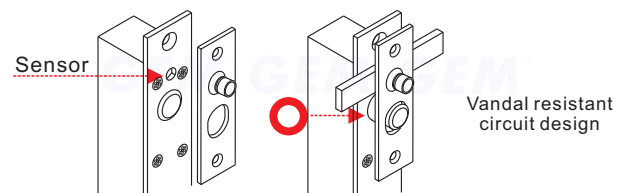
6 seconds



9 seconds

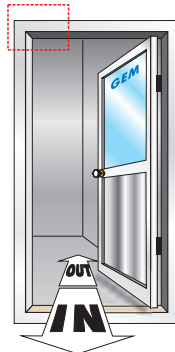
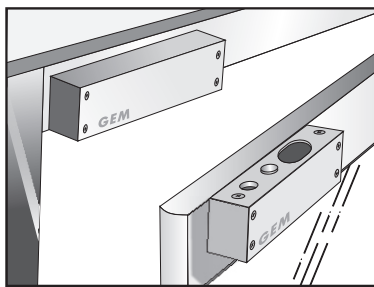
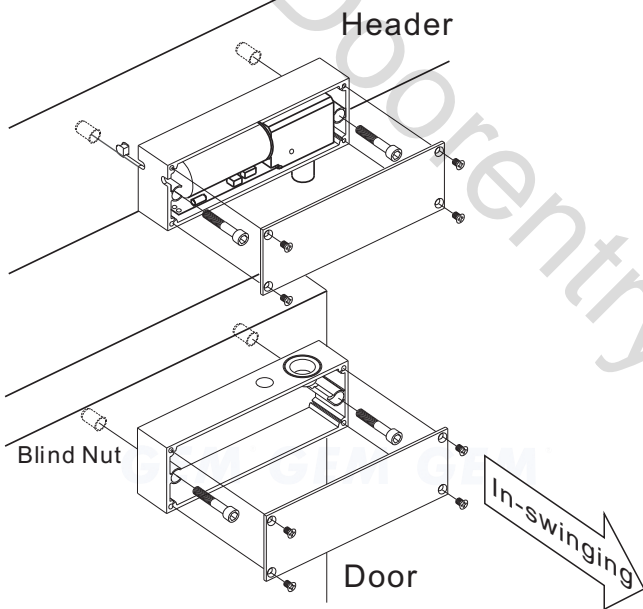
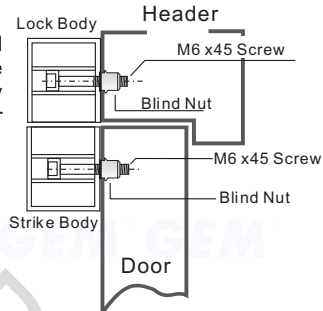
Smart Circuitry

The vandal resistant circuitry means the door close sensor can't be fooled into projecting the electric dropbolt unless the door is actually closed. The reed sensor automatically disconnects after the bolt is projected to enhance security of the lock.



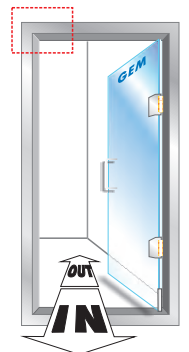
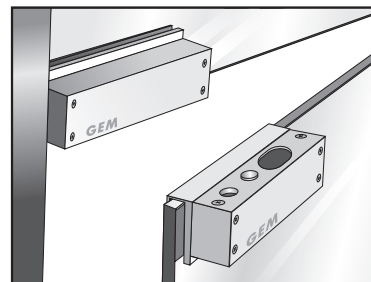
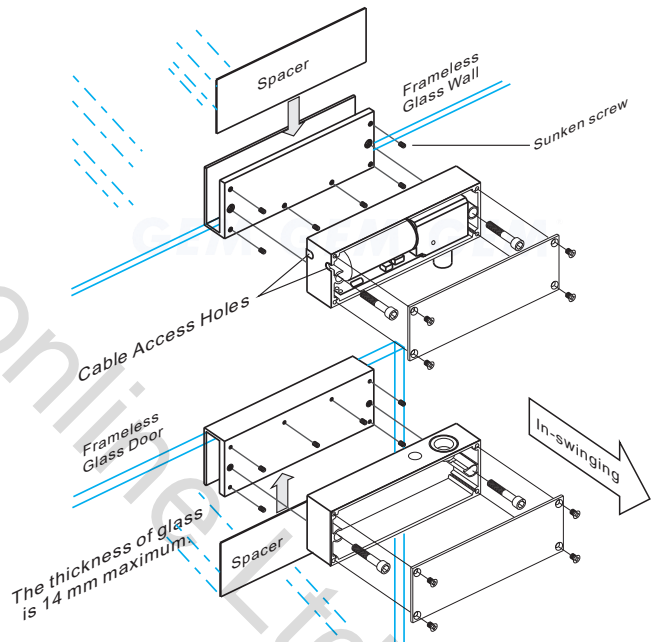
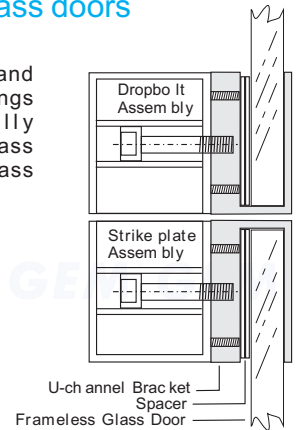
● Surface Mount for Narrow Frame

The EB-300 dropbolt and strike plate with complete housings are specially designed for narrow door frames.



● For Full Frameless Glass doors

The EB-300VGL Dropbolt and strike plate with complete housings and u-brackets are specially designed for full frameless glass doors/wall. The thickness of glass are 14 mm maximum.



● Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 1 year from the date of sale to the original customer. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.