



### Statement

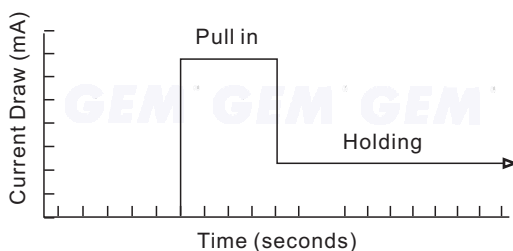
The EB-300 electric dropbolt is designed for surface mount application and the EB-300VGL is designed for frameless glass door and glass wall applications.

### Specifications

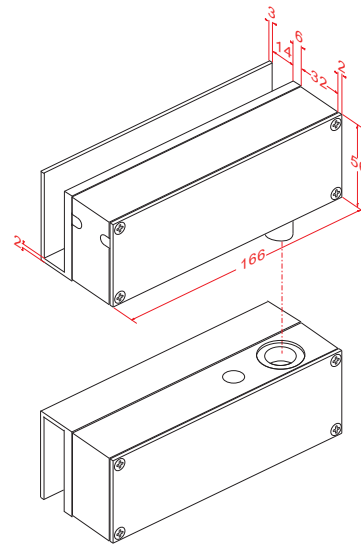
- Fail-Safe Version (Power to Lock)
- Power Input: 12 V DC
- Voltage Tolerance:  $\pm 10\%$
- Current Draw:  
Pull in: 0.9A, Holding: 0.3A@12V DC  
(at temperature 20C)
- Door Position status output (Reed rated 0.25A@30VDC) indicates door opened or closed status.
- Operating Temperature: -10~+45C
- Humidity: 0~95% non-condensing.
- Lock's surface Temperature (when the power is on):  
<current temperature +20C
- Tested to 500000 cycles.
- Auto-relocking Time Delay : 0, 3, 6, 9seconds
- Weight (Approx.):  
EB-300: 1.1 Kg  
EB-300VGL: 1.7 Kg

### Clamp Design

When the bolt is extended to keep the door locked, it draws only 0.3A in a holding mode down from 0.9A while the bolt is retracted. This design both protects the power supply and extends the life of the electric dropbolt.



### 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.

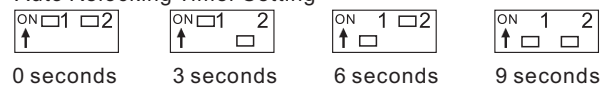
### Long life solenoids

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

### Lock Delay Settings

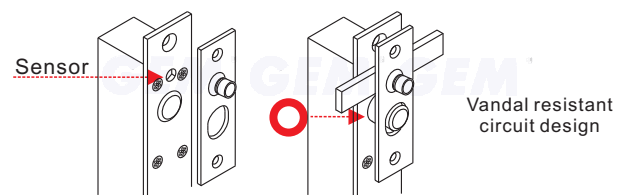
The door locking delay is the time between the door being closed and the bolt engaging. This can be set to up to 9 seconds at 3 second intervals by adjusting the jumpers.

#### Auto Relocking Timer Setting



### 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.



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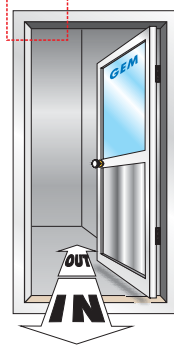
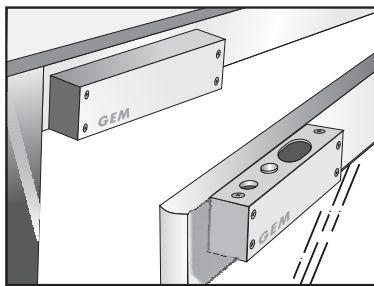
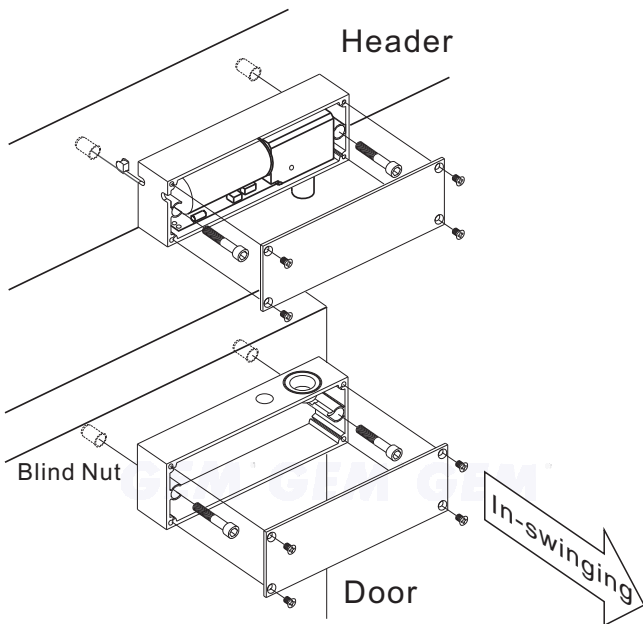
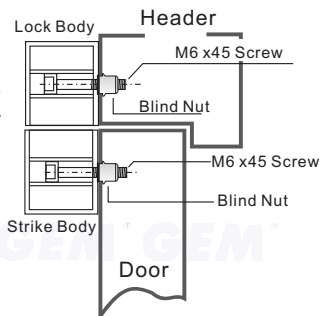
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The products are manufactured under an ISO 9001 & QC 080000 Certified Quality Management Program environment back its product quality, performance and commitment to customer satisfaction.

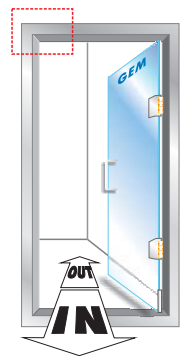
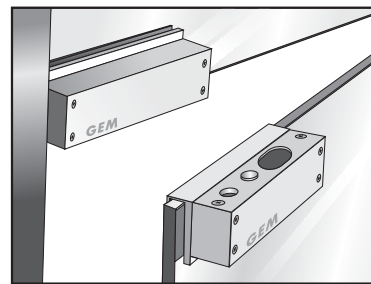
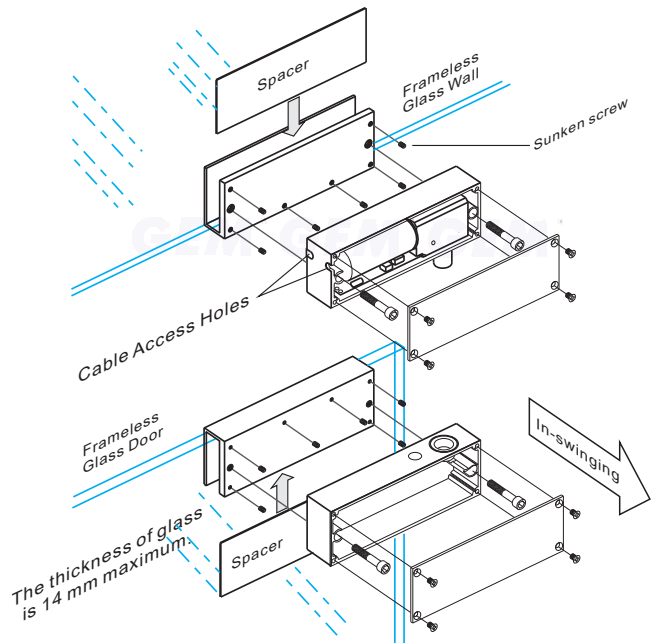
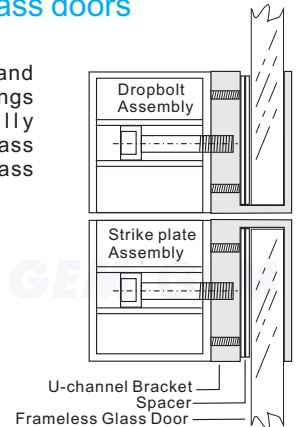
### ● Surface Mount for Narrow Frame

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.

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