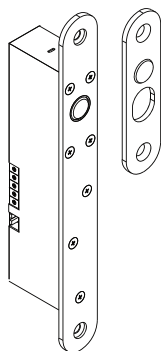


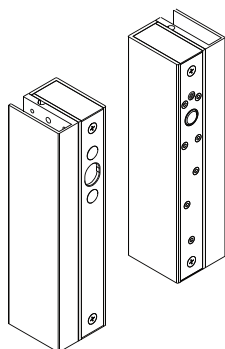


Electric Dropbolts

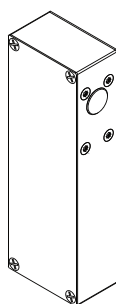
Secure and Intelligent Bolts



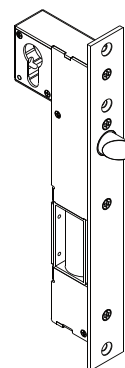
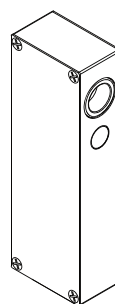
EB180



EB195VGL/EB195TG



EB300



EB265

Selector Chart

	Horizontal or Vertical	Vandal Resistant	Energy Saving Design	Double Swing Door	Single Swing Door	Bolt Status Sensor	Door Position Status	Relock Time Delay	Mechanical Override	Optional Brackets
Fail-safe Series	V	V	V	V		V	V	V		V
Fail-secure Series	Vertical Only	V	V		V	V		V	V	



Electric Dropbolts

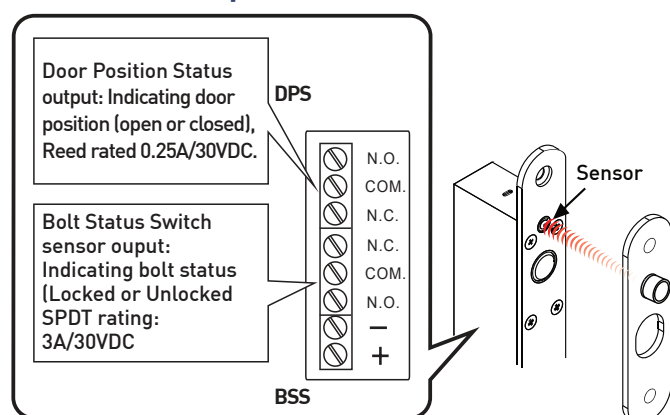


MEC Electric Dropbolts are mortise mounted and available in fail-safe and fail-secure mode. These electric dropbolts can be mounted horizontally or vertically and provide various functions.

The EB262N is supplied with a positioning bolt that can be adjusted to compensate for wide door gaps for proper contact with the strike plate. Surface mount versions are also available for hollow metal door, frameless glass door or glass wall application.

The Electric Dropbolts Fail-secure series is designed for use on single swing doors. The EB261/265 features a beveled, reversible latchbolt that allows the handing to be changed in seconds. With a Euro-profile cylinder, the Electric Dropbolts Fail-Secure series can be operated manually in case of power failure.

DPS & BSS Output



Fail-safe Series Functions

- Bolt status sensor output
- Door position status output
- Relock time delay
- Buzzer alarm (Door ajar alarm)
- Push button trigger input
- Positioning bolt (For EB262N)

Fail-secure Series Functions

- Bolt status sensor output
- Relock time delay
- Reversible latchbolt (For EB261, EB265)
- Mechanical override with a cylinder

Patents, Approvals, and Listings

CE: EC262504-01



Electric Dropbolts Fail-safe Series

Models	Voltage (VDC)	Current Draw		Functions				
		Pull in (Amp)	Holding (Amp)	BSS	DPS	Relock Timer	Trigger Push Button	Buzzer Alarm
Mortise Mount								
EB180 EB185	12 24	0.9 0.4	0.15 0.1	●	—	●	—	—
EB190TG EB195TG	12 24	0.9 0.45	0.15 0.1	●	●	●	●	—
EB200NLW	12	0.9	0.3	—	●	●	—	—
EB220N EB220NDS EB220NDB	12	0.9	0.3	● ● ●	— ● ●	● ● ●	— — —	— — ●
EB262N EB262NDS EB262NDB	12	0.9	0.3	● ● ●	— ● ●	● ● ●	— — —	— — ●
Surface Mount (For Hollow Metal Doors)								
EB185S	12 24	0.9 0.4	0.15 0.1	●	●	●	—	—
EB195TGS	12 24	0.9 0.45	0.15 0.1	●	●	●	●	—
EB300	12	0.9	0.3	●	—	●	—	—
EB400NDB	12	0.9	0.3	●	●	●	—	●
Surface Mount (For Frameless Glass Doors/Walls)								
EB195TGVGL	12 24	0.9 0.45	0.15 0.1	●	●	●	●	—
EB200NVGL	12	0.9	0.3	—	●	●	—	—
EB300VGL	12	0.9	0.3	—	●	●	—	—

Notes:

- The EB180/190TG is available with a round faceplate and strike plate. The EB262N includes a positioning bolt.
- Optional bracket (UBK-262N) for semi-frameless glass doors: EB220N/EB262N
Optional bracket (SMB-200N, UBK-200N-38) for frameless glass doors: EB200NLW
- EB220N series has 32/35/38 mm faceplates options.

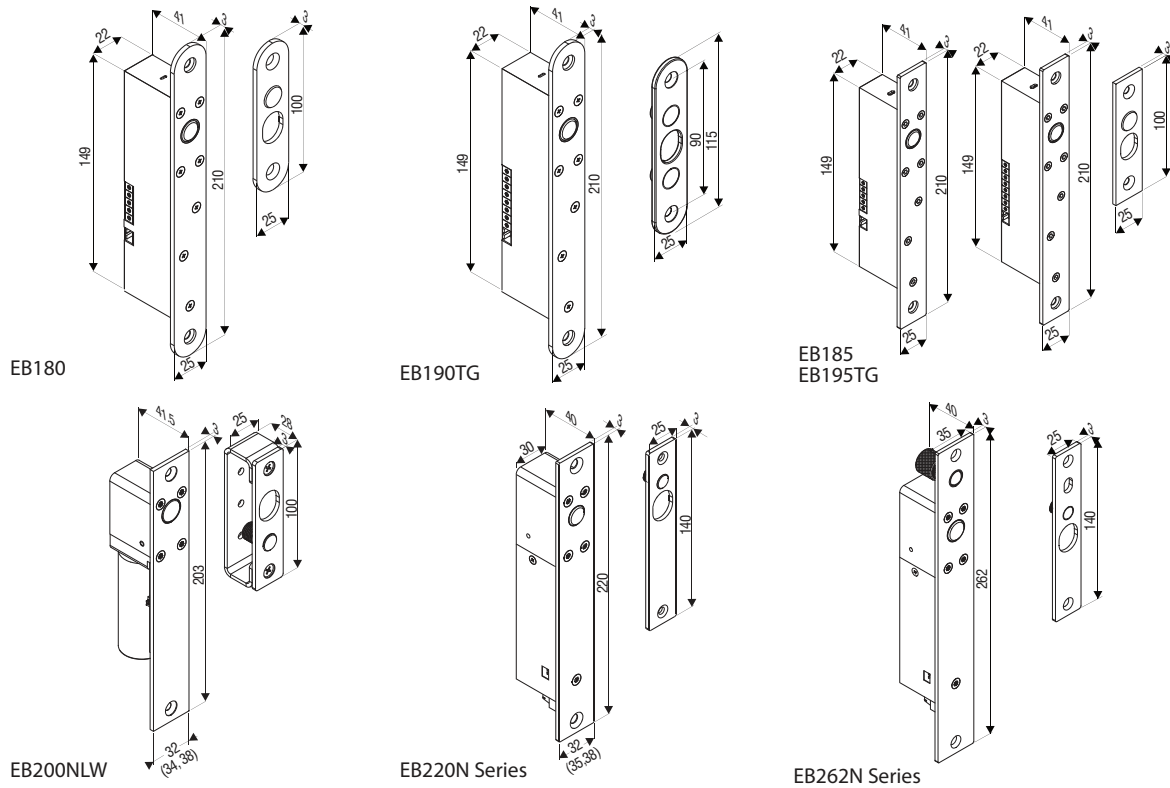
Electric Dropbolts Fail-secure Series

Models	Voltage	Current Draw	Function	Option	Reversible Latch Bolt	Backset (mm)
EB260-N	12 to 28 VDC	1.2A/12VDC	Relock Timer	BSS, Cylinder Key	—	35
EB261 EB261M	12 to 24 VAC/VDC	1.2A/12VDC	—	BSS, Cylinder Key	●	35
EB265 EB265M	12 to 24 VAC/VDC	1.2A/12VDC	—	BSS, Cylinder Key	●	55

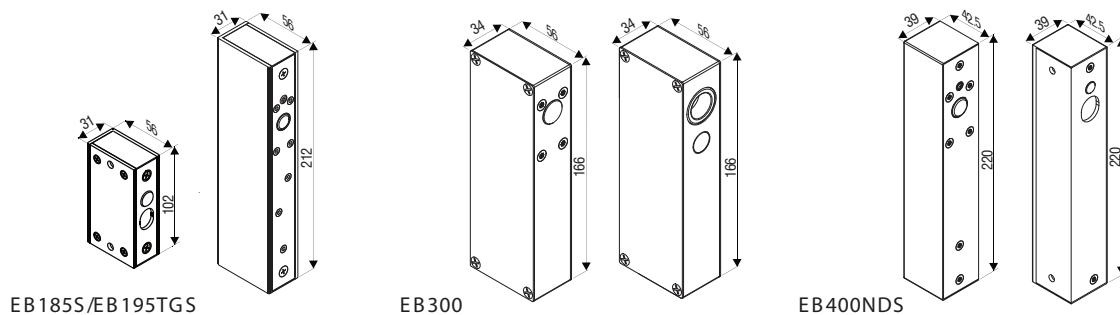
Notes: M: Monitored, BSS: Bolt sensor status output, DPS: Door position status output



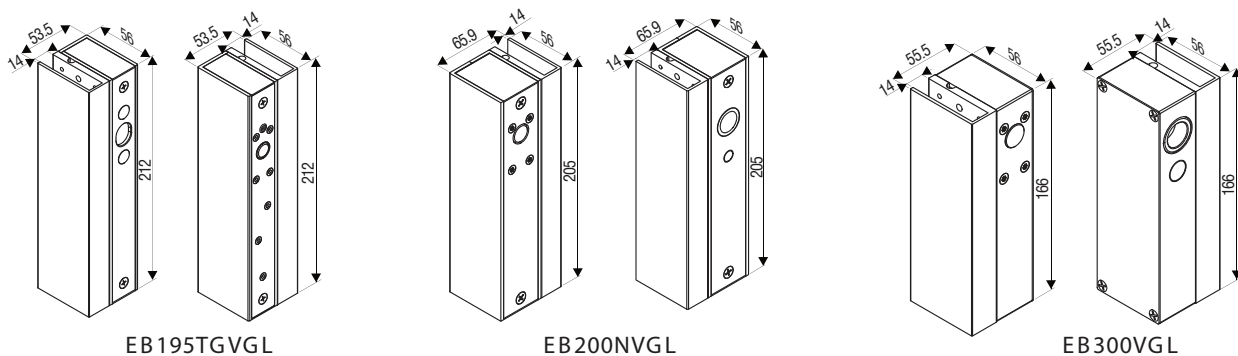
Fail-Safe Series Dimensions Mortise Mount



Surface Mount for Hollow Metal Doors



Surface Mount for Frameless Glass Doors



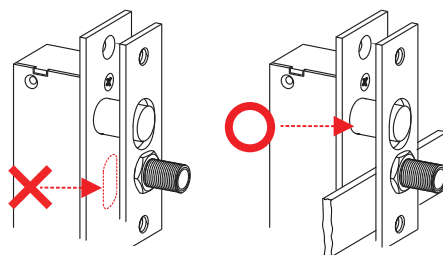
All dimensions in mm



Electric Dropbolts Features

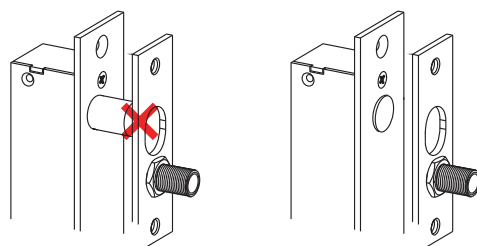
Vandal Resistant

The lock cannot be defeated by slipping a metal object between the lock and strike plate. After the bolt is projected to lock the door, the sensor detection immediately stops to prevent unauthorized access attempts.



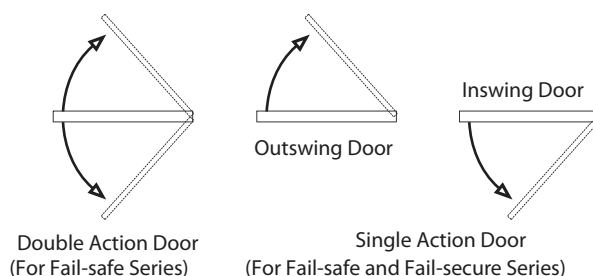
Intelligent Electronics

Built-in intelligent logic circuit allows the bolt to project several times until the swing through door is settled in the closed position.



Double / Single Action Doors

GEM electric dropbolts can be used on double or single action doors.



Energy Saving Design

When the bolt is projected to lock the door, the current draw drops from 0.9A to 0.3A.

