

50HBM Deadlatch



Folger Adam

Electric Locks

50HBM Deadlatch



Standard Features

- Motor operation – A choice of two operations is available, as shown on following page.
- High security – Choice of five or six lever tumbler models. Six tumbler model offers greater pick resistance.
- Mechanical unlocking by key – Once unlocked by key, the hookbolt remains in that position until relocked by key (Models without latchback feature). Key is removable in the unlocked position.
- Indication switch – The indication switch monitors the deadlock lever to indicate a deadlocked hookbolt.
- Finish – Zinc plated.

Optional Features

- Motor voltage – 24VDC
- Lock bolt keepers – Select 50H-4DB with dust box.

51 Keyed case side
52 Keyed cover side
56 Keyed both sides

Applications

Jamb-mounted 50HBM locks should be specified for maximum security cell, corridor, sallyport, or entrance/egress sliding doors. May be installed within a lock pocket or full height column. They are designed to be part of an electrical locking/unlocking system to provide institutional staff with maximum safety and flexibility of operation.

Operations

All 50HBM locks are operated by electric motor. The choice of two motor operations provides a variety of functions:

Full-Rotation Motor (50HBM) with latchback (1):
Unlocks when the motor is energized by a momentary contact switch. Once unlocked, the hookbolt is held mechanically in the raised position until the door is opened. It then returns to normal, lowered position.

Two-Position Motor (50HBMC) without latchback (2):
Same as above, except that the hookbolt is raised and lowered as the motor runs. A door starter should be installed in the track housing to push the door open when the motor reaches the unlocking point.

Standard Features

- Motor voltage – 120VAC
- External mounting – Locks install without cover plate removal. External slotted mounting holes simplify installation and allow for variations in door gap by permitting lateral movement.
- Two-piece plug connector – Simplifies wiring at time of installation and allows pre-wiring at the lock pocket.
- Superior durability – Working parts are stainless steel and designed for maximum strength and corrosion resistance.
- Hardened hookbolt and deadlock actuator – Zinc plated for corrosion resistance.



For More information please call 210-533-1231

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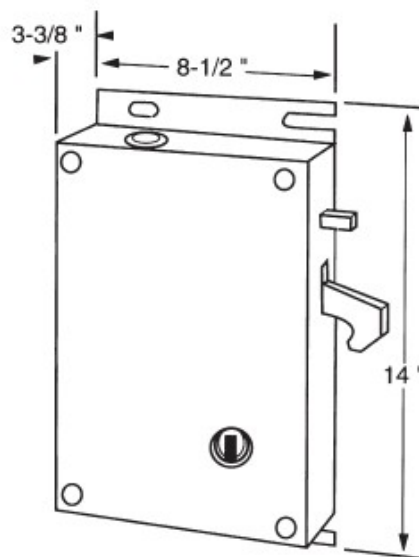
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Feature/Option Chart

Model	Operation	Latchback		Operational Switch Holdback	Inication Switch
		With	W/O		
50HBM-1-01	1	X			X
50HBMC-1-04	2		X		X

Electrical Chacteristics

- Motor (AC) – Synchronous-type gearmotor with brake.
- Motor (DC) – Permanent magnet gearmotor.
- Indication switch – SPDT,
UL Listed. Deadlock Ratings: 15 amps at 125 or 250 VAC.
Auxiliary Ratings: 10 amps 125 or 250 VAC.



Specifications

Case	7 and 10 gauge steel.
Cover	10 gauge HRS
Hookbolt	.5 inch steel, case hardened and zinc plated.
Deadlock actuator	.5 inch square CRS, hardened and zinc plated.
Deadlock and operator levers	Stainless Steel
Springs	Stainless Steel
Motor	Synchronous-type gearmotor with brake.

Note: Dimensions are for information and planning purposes only and should not be used as templates.