



9875-F/9975-F fire exit mortise lock devices for all types of single doors up to 4' x 10' (1219mm x 3048mm) or 8' x 10' (2438mm x 3048mm) double doors installations, UL listed for Fire Exit Hardware; See page 61 for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2001 Grade 1. Fits door stiles as narrow as 4¾" (121mm). The 9875-F device has a smooth mechanism case and the 9975-F device has a grooved case. The mortise lock device is non-handed except when the following device options are used: -2 (Double Cylinder) or SS (Signal Switch) devices. See Opposite page for available outside trim and functions.

The 7500 Mortise lock is equipped with a ¾" (19mm) anti-friction latch bolt which is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel.

Finishes – US3, US3A, US4, US4A, US10, US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 & 643E. US15 and US32D available with 98 Series only.

Specifications	
Device Functions	Device ships EO/DT/NL. Field selectable. TP, K or L available with NL screw.
Device Lengths	3' 2'4" to 3' (711 mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Device Centerline from Finished Floor	39 ⁵ / ₈ " (1006 mm)
Center Case Dimensions	8" x 2 ³ / ₄ " x 2 ³ / ₈ " (203mm x 70mm x 60mm)
Mechanism Case Dimensions	2 ¹ / ₄ " x 2 ¹ / ₄ " (57mm x 57mm)
Projection	Pushbar Neutral – 3 ¹³ / ₁₆ " (97 mm) Pushbar Depressed – 3 ¹ / ₁₆ " (78 mm)
Fasteners & Sex Bolts (SNB)	Includes screw pack for 1 ³ / ₄ " (44mm) and 2 ¹ / ₄ " (57mm) thick metal or wood doors. Optional 425 SNB available for metal doors. 425 SNB <i>required</i> on wood doors without SLM blocking. See page 15 for quantities.
Electric Options	RX Pushpad Monitor Switch RX2 Double Pushpad Monitor Switch E Electric Locking & Unlocking EL Electric Latch Retraction QEL Quiet Electric Latch Retraction SS Signal Switch CX Chexit Delayed Exit ALK Alarm Exit Kit WP-RX Waterproof Request to Exit
Mechanical Options	-2 Double Cylinder GBK Glass Bead Kit PN Pneumatic Latch Retraction SNB Sex Bolts SEC Security Screws SLM Special Laminate Material Blocking
Dogging Option	No mechanical dogging. EL and QEL option available.
Strikes	575 – Dull Black

QEL
Quiet Electric Latch Retraction
 • Bolt retraction via switch
 • Converts exit door to push-pull operation

RX
Pushpad Monitor Switch
 • Signals use of an opening
 • SPDT switch to monitor pushpad

CX
Chexit Delayed Exit
 • Meets NFPA 101 requirements
 • Self-contained controls, locking, alarm

ALK
Alarm Exit Kit
 • Unauthorized opening triggers 85-decibel horn
 • Set in armed or disarmed mode by key

EL
Electric Latch Retraction
 • Enables remote unlatching
 • Alternative to manual dogging

SG
Safety Glow
 • Shows exit door location in darkness or smoke
 • Developed to meet MEA standards

E (E7500)
Electric Mortise Lock Device
 • Remains latched while unlocked
 • Remote electrical control




SS 7500
Signal Switch
 • Signals unauthorized use of an opening
 • Switch makes latch bolt tamper-resistant





PN
Pneumatic Latch Retraction
 • For areas where electrical devices banned
 • Special linkage for mechanical or pneumatic dogging

BRA, EMB, KN, SG
Braille, Embossed and Knurled Touchpads
 • Braille touchpad embossed with "Caution Stairwell"
 • Other messages available by special order

9875-F/9975-F Mortise Lock Fire Exit Device

Standard Trim

	EO	DT	NL	HL
	Exit only	 Dummy Trim Pull When Dogged	 Night Latch Key Retracts Latchbolt	 Hospital Latch Key Locks & Unlocks
Product Description	9875EO-F 9975EO-F	— —	9875NL-F 9975NL-F	9875HL-F 9975HL-F
Trim Description	—	990DT	990NL-M	HL6M
Escutcheon Plate Size	—	3" x 14 ⁹ / ₁₆ " x ³ / ₃₂ " (76x360x2mm)	3" x 14 ⁹ / ₁₆ " x ³ / ₃₂ " (76x360x2mm)	2 ⁹ / ₁₆ " x 5 ¹ / ₂ " x 2 ⁵ / ₈ " (65x140x67mm)
Pull Center to Center	—	5 ¹ / ₂ " (140mm)	5 ¹ / ₂ " (140mm)	—
Projection	—	2" (51mm)	2" (51mm)	2 ⁵ / ₈ " (67mm)
ANSI Function	01	02	03	—
Cylinder Type	—	—	1 ¹ / ₄ " Mortise	1 ¹ / ₄ " Mortise
Handing	—	—	—	—
Optional Trim	x990EO x996EO	x996K-DT x996L-DT x696DT x697DT	x996K-NL x996L-NL x696NL x697NL	
Optional #425 SNB Quantity for Device	6	2	2	2

	L	L-NL	L-BE	L-DT
	 Lever Key Locks & Unlocks	 Lever - Night Latch Key Retracts Latchbolt	 Lever - Blank Escutcheon Always operable (No Cylinder)	 Lever Dummy Trim Pull When Dogged (Not recommended for fire device)
Product Description	9875L-F 9975L-F	9875L-NL-F 9975L-NL-F	9875L-BE-F 9975L-BE-F	— —
Trim Description	996L-M*	996L-NL-M	996L-BE-M*	996L-DT
Escutcheon Plate Size	2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm)	2 ³ / ₄ " X 10 ³ / ₄ " X ²⁷ / ₃₂ " (70x273x21mm)
Pull Center to Center	—	—	—	—
Projection	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)	2 ⁷ / ₈ " (73mm)
ANSI Function	08	03	14	02
Cylinder Type	1 ¹ / ₄ " Mortise	1 ¹ / ₄ " Mortise	—	—
Handing	Handed/Reversible	Handed/Reversible	Handed/Reversible	Handed/Reversible
Optional #425 SNB Quantity for Device	2	2	2	2

* Electrified lever operation available

Notes