MAAX™

Commercial Hardware

E4000 Series

STANDARD DUTY EXIT DEVICES

MAAX™
Commercial Hardware

- QUALITY
- SECURITY
- AESTHETICS

E4000 Series
Panic & Fire Exit Devices

TABLE OF CONTENTS

OVERVIEW

QUALITY:
- Complies with ANSI/BHMA A156.3, Grade-1
- Superior quality chassis and mechanical components
- Heavy duty touch pad mechanism
- Limited 5 years warranty

SECURITY:
- UL305 listed for panic hardware
- Offers high security features to discourage abuse and intrusion
- Exit trim lever is protected from damages by a clutch free wheeling design which provides vandal resistance

AESTHETICS:
- A wide range of trim designs and finishes to complement different architectural design applications

E4000
Exit Devices

MAAX E4000 Series Standard duty grade-1 Panic and Fire Exit Devices are designed to provide superior performance and security on emergency exits of light commercial applications including office buildings, retail stores, apartments, multi family buildings, hospitality and restaurants. With its high quality components, functions, trims and finishes, the E4000 Series combines durability with aesthetic design and flexibility at an economy price.

FEATURES

- Standard duty for commercial applications
- Easy-to-use pushpad for immediate egress
- Available in rim and surface vertical rod designs
- Non-Handed, field reversible and field sizeable
- Chassis mounted unit construction assures easy installation and maintenance
- High shock resistant latching mechanism protects from forced entry or vandalism
- Stainless steel latch automatically deadlocks when door is closed
- Thru-bolt design trim installation for high security and durability
- Accommodate various trim functions for flexibility
- Trims are available in escutcheon and rose designs
- Different lever designs and finishes
- Single point dogging feature on panic-listed devices

STANDARDS

- Complies with ANSI/BHMA A156.3, Grade-1
- UL305 listed for panic hardware
- UL10C positive pressure rated
- UL10B natural pressure rated
- Complies with ADA ANSI A117.1 for Accessible Buildings and Facilities

CROSS REFERENCE

| MAAX	PRECISION	CORBIN RUSSWIN	DORMA	FALCON	HAGER	SARGENT	VON-DUPRIN	YALE
E4000	RELIANT 5000	ED8000	8000	20	4700	20	22	2100

Note: Chart prepared by comparing functions of mortise locks based on data obtained from trade sources. It is not guaranteed nor represented that any specific product exactly equals any other product.

E4200 / E4200F- RIM
# E4300 / E4300F- SURFACE VERTICAL ROD (SVR)

APPLICATIONS & LISTING

| SINGLE DOOR	LISTING	MAXIMUM DOOR OPENING	APPLICATION	
E4200 RIM	Panic Only	4' W X 10' H (1219mm W X 3048mmH)	Surface Applied, Single Point Latching	
E4200F RIM	3 Hours	4' W X 8' H (1219mm W X 2438mmH)		

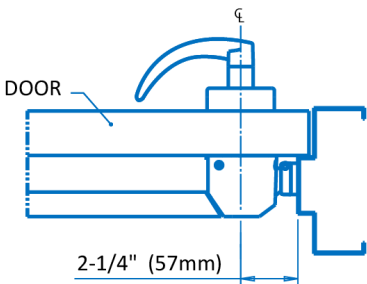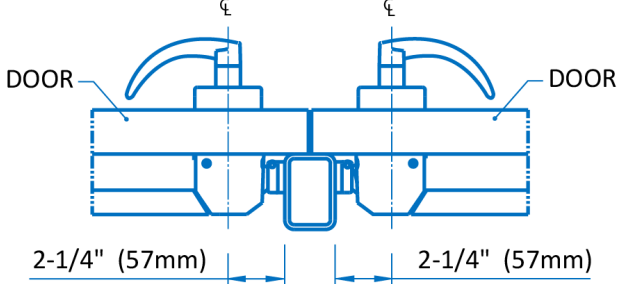| PAIR OF DOORS WITH REMOVABLE MULLION	LISTING	MAXIMUM DOOR OPENING	APPLICATION	
E4200 RIM X RIM	Panic Only	8' W X 10' H (2438mm W X 3048mmH)	2 Independent Active Doors with Removable Mullion	
E4200F RIM X RIM	3 Hours	8' W X 8' H (2438mm W X 2438mmH)		
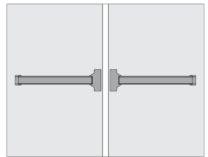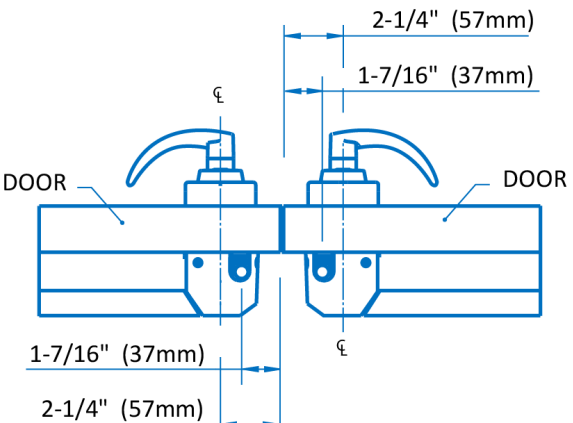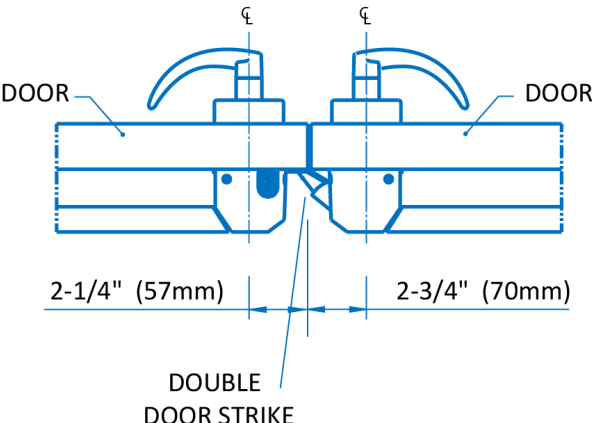
PAIR OF DOORS	LISTING	MAXIMUM DOOR OPENING	APPLICATION	
E4300 SVR X E4300 SVR	Panic Only	8' W X 10' H (2438mm W X 3048mmH)	2 Independent Doors with 2 Points Latching Swinging in One Direction	
E4300F SVR X E4300F SVR	1 1/2 Hours	8' W X 8' H (2438mm W X 2438mmH)		
E4200 RIM X E4300 SVR	Panic Only	8' W X 10' H (2438mm W X 3048mmH)	Pair of Door Strike Required on Inactive Door. Coordinator Recommended	
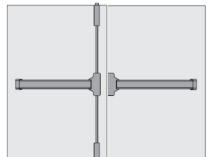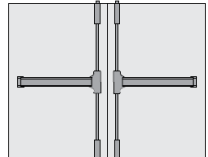
PAIR OF DOORS DOUBLE EGRESS	LISTING	MAXIMUM DOOR OPENING	APPLICATION	
E4300 SVR X E4300 SVR	Panic Only	8' W X 10' H (2438mm W X 3048mmH)	2 Independent Doors with 2 Points Latching Swinging in Opposite Directions	
E4300F SVR X E4300F SVR	1 1/2 Hours	8' W X 8' H (2438mm W X 2438mmH)		

MAAX
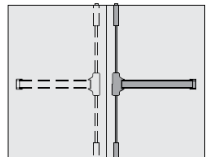
APPLICATION DETAILS

SINGLE DOOR - RIM	PAIR OF DOORS w/ MULLION - RIM X RIM
DOOR 2-1/4" (57mm)	DOOR DOOR 2-1/4" (57mm) 2-1/4" (57mm)

PAIR OF DOORS - SVR X SVR	PAIR OF DOORS - SVR X RIM
2-1/4" (57mm) 1-7/16" (37mm) DOOR DOOR 1-7/16" (37mm) 2-1/4" (57mm)	DOOR DOOR 2-1/4" (57mm) 2-3/4" (70mm) DOUBLE DOOR STRIKE

DEVICE DIMENTIONS

2-23/32" (69mm)
1-13/16" (46mm)
1-31/32" (50mm)
6-7/32"   (158mm)
B

Top View - RIM
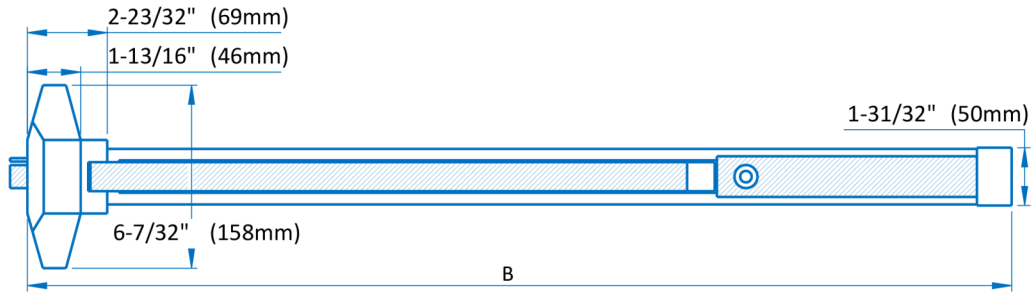
A
1-11/16" (43mm)
1-1/2" (38mm)
Neutral: 2-7/16"   (62mm)
Depressed: 1-11/16"   (43mm)
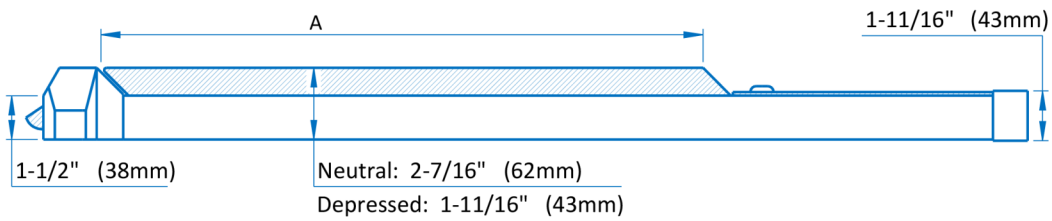
Side View - RIM

E4000 Series	A	B
E4200 / E4300 Panic - 36"	20-15/32" (520mm)	33-15/32" (850mm)
E4200F / E4300F Fire - 36"		
E4200 / E4300 Panic - 48"	25-3/16" (640mm)	44-3/4" (1137mm)
E4200F / E4300F Fire - 48"		

DEVICE PROFILE
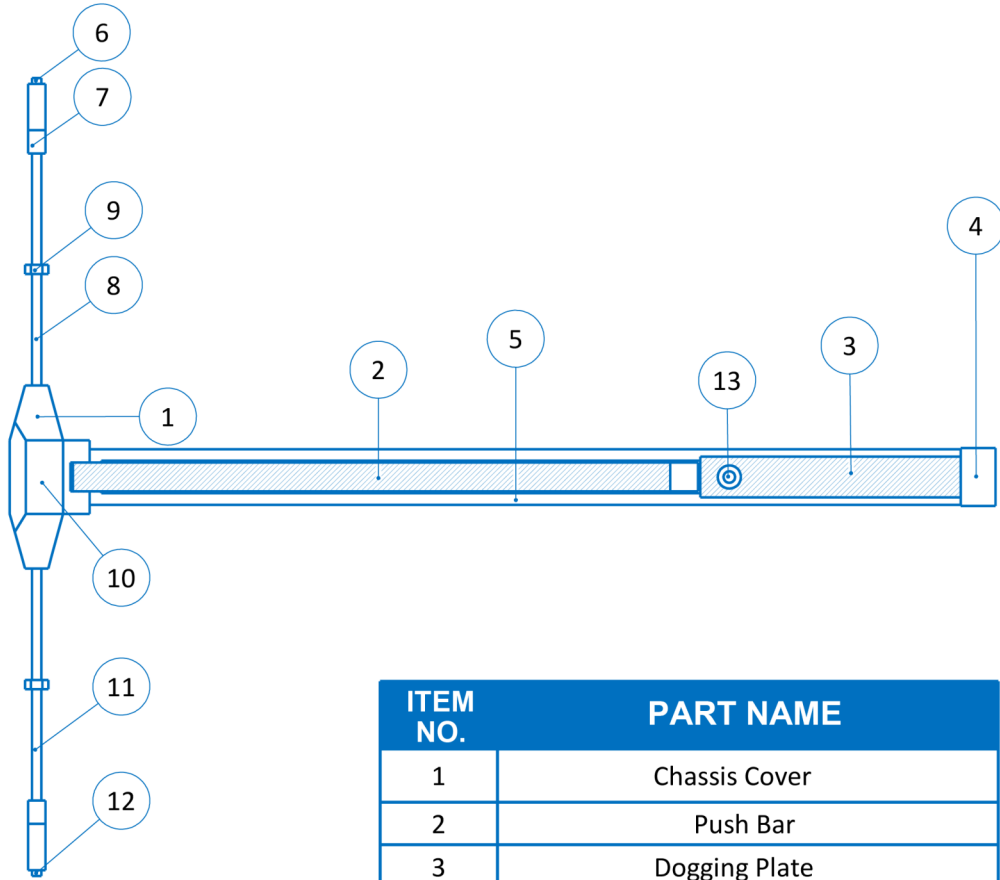
Top View - SVR

ITEM NO.	PART NAME
1	Chassis Cover
2	Push Bar
3	Dogging Plate
4	End Cap
5	Mechanism Housing
6	Top Latch
7	Latch Assembly Cover
8	Top Vertical Rod
9	Rod Guide
10	Chassis
11	Bottom Vertical Rod
12	Bottom Latch
13	Hex Key Dogging *For E4200/E4300 Panic Device Only*

SPECIFICATIONS

HANDING:
- Non-handed, field reversible

DOOR THICKNESS:
- 1-3/4" (44.5 mm) - standard
- Specify door thickness if more than standard

DOOR WIDTH:
- 36" (914mm) field sizeable to 30" (762mm) door. (*device is 32" long, can be cut to 26"*)
- 48" (1219mm) field sizeable to 36" (914mm) door. (*device is 44" long, can be cut to 32"*)

PUSHPAD LENGTH:
- On 36" Door: 20" (508mm)
- On 48" Door: 24" (607mm)

PROJECTION:
- 2-7/16" (62mm) - neutral position
- 1-11/16" (43mm) - depressed pushpad position

STILE WIDTH:
- 4-1/2" (114mm) for single doors with 5/8" (16mm) stop
- 5" (127mm) for pair of doors with 2" (51mm) removable mullion

LATCHBOLT:
- 11/16" (17.5mm) throw, with auto deadlocking latch, stainless steel
- 9/16" (14.5mm) throw deadlocking latch, stainless steel

CHASSIS:
- Plated steel

MECHANICAL COMPONENTS:
- Steel or stainless steel

PUSHPAD:
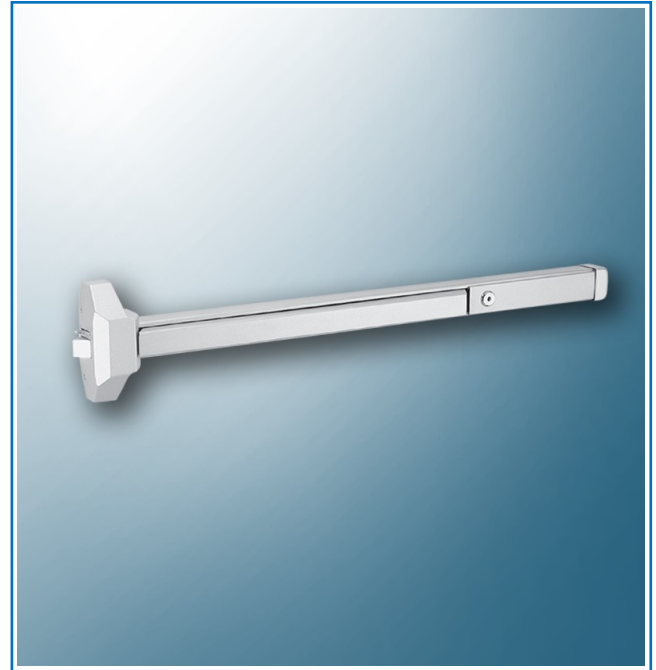- Steel or stainless steel

COVER TUBE:
- Steel or stainless steel

END CAP:
- Steel or stainless steel

DOGGING:
(*on E4200 panic listed device only*)
- Hex key dogging - standard
- Cylinder dogging - optional
- Less dogging - optional
- *Note: Dogging feature is NOT available with E4200F Fire exit device*

STRIKE:
- Stainless steel with plated pin and roller on E4200 panic listed devices
- Stainless steel on E4200F fire exit devices
- Strike is surface applied to frame stop with slotted holes for easy adjustment
- Optional RIM X SVR strike. Required for Rim panic device when used on pair of doors with surface vertical rod device

TRIMS AND FUNCTIONS:
- Thru-bolted trims available with a wide range of functions and designs:
  - 40E: Escutcheon trims
  - 40K: Sectional "Key-in-Lever" trims
  - 40P: Pull plate trims
  - 40R: Raised lip plate trims
- See "Trims" and "Functions" for details

FASTENERS:
- Wood and machine screws
- Thru-bolts
- Shim kit
- Sex nut bolts (SNB) for wood doors - optional

FINISHES:
- US3 (605) Bright brass clear coated, US32D (630) Satin stainless steel, US28 (689) Aluminum painted, US20 (690) Dark bronze painted

WARRANTY:
- Limited 5 years on hardware components

SPECIFICATIONS

HANDING:
- Non-handed, field reversible

DOOR THICKNESS:
- 1-3/4" (44.5 mm) - standard
- Specify door thickness if more than standard

DOOR WIDTH:
- 36" (914mm) field sizeable to 30" (762mm) door. (*device is 32" long, can be cut to 26"*)
- 48" (1219mm) field sizeable to 36" (914mm) door. (*device is 44" long, can be cut to 32"*)

PUSHPAD LENGTH:
- On 36" Door: 20" (508mm)
- On 48" Door: 24" (607mm)

PROJECTION:
- 2-7/16" (62mm) - neutral position
- 1-11/16" (43mm) - depressed pushpad position

STILE WIDTH:
- 4-1/2" (114mm) for single doors with 5/8" (16mm) stop
- 4" (102mm) for pair of doors
- 4-1/2" (114mm) for pair doors with SVR X RIM device and strike

LATCHBOLT:
- Top: 1/2" (13mm) throw, with auto deadlocking latch, stainless steel
- Bottom: 1/2" (13mm) throw held retracted during door swing, stainless steel

VERTICAL RODS:
- Tubular aluminum with rod guides
- 7' (2134mm) H door: standard on E4300 panic
- 8' (2438mm) H door: standard on E4300F fire
- 2' and 3' Extension rod kit: Optional on E4300 panic for doors over 7' H

CHASSIS:
- Plated steel

MECHANICAL COMPONENTS:
- Steel or stainless steel

PUSHPAD:
- Steel or stainless steel

COVER TUBE:
- Steel or stainless steel

END CAP:
- Steel or stainless steel

DOGGING:
(*on E4300 panic listed device only*)
- Hex key dogging - standard
- Cylinder dogging - optional
- Less dogging - optional
- *Note: Dogging feature is NOT available with E4300F Fire exit device*
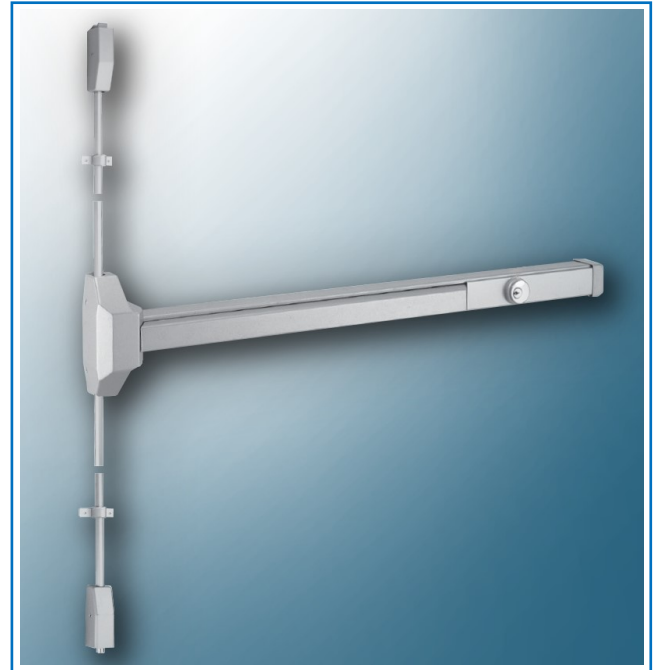
STRIKE:
- Stainless steel top strike on E4300 and E4300F devices, applied to surface of frame stop
- Stainless steel bottom strike on E4300 and E4300F devices, applied to surface of floor

TRIMS AND FUNCTIONS:
- Thru-bolted trims available with a wide range of functions and designs:
    - 40E: Escutcheon trims
    - 40K: Sectional "Key-in-Lever" trims
    - 40P: Pull plate trims
    - 40R: Raised lip plate trims
- See "Trims and Functions" for details

FASTENERS:
- Wood and machine screws
- Thru-bolts
- Shim kit
- Sex nut bolts (SNB) for wood doors - optional

FINISHES:
- US3 (605) Bright brass clear coated, US32D (630) Satin stainless steel, US28 (689) Aluminum painted, US20 (690) Dark bronze painted

WARRANTY:
- Limited 5 years on hardware components

40E - ESCUTCHEON TRIM

HANDING:
- Non-handed, field reversible

DOOR THICKNESS:
- 1-3/4" (44.5 mm) - standard
- Specify door thickness if more than standard

ESCUTCHEON SIZE:
- 2-5/8" (67mm) Width X 8-1/16" (205mm) Height X 29/32" (23mm) Thick

ESCUTCHEON MATERIAL:
- Steel or stainless steel

STRUCTURE:
- Anti-vandalism design protects lever from damages when locked
- Connected to the device chassis by 2 thru-bolts for high security and durability

LEVER MATERIAL:
- Zinc alloy

LEVER OPTIONS:
- ENTRADA (ED), SIENA (SN), CURVA (CV), and ANUBE (AB)

FUNCTIONS:
- 40EP - Passage
- 40ET - Entrance
- 40EN - Night latch (storeroom)
- 40EM - Dummy (for panic listed device only)

CYLINDERS:
- Mortise cylinder 1-1/4" on 40ET - Entrance
- Rim cylinder on 40EN - Night Latch
- Cylinder can be regular "conventional" core (RC) or interchangeable core (IC)
- Cylinders are not provided as standard. Specify cylinder type if required

FINISHES:
- US3 (605) Bright brass clear coated, US32D (630) Satin stainless steel, US28 (689) Aluminum painted, US20 (690) Dark bronze painted

WARRANTY:
- Limited 5 years on hardware components

40E - FUNCTIONS

40EP
Escutcheon Passage

-Lever always operable
-Cylinder: No cylinder
-ANSI Function: 14

40ET
Escutcheon Entrance

-Key locks and unlocks lever
-Cylinder: 1/4" mortise cylinder
-ANSI Function: 08

40EN
Escutcheon Night Latch
(Storeroom)

-Key retracts latchbolt (rigid lever)
-Cylinder: Rim cylinder
-ANSI Function: 09

40EM
Escutcheon Dummy

-Rigid lever (Panic device only)
-Cylinder: No cylinder
-ANSI Function: 02

40E - LEVER OPTIONS

ENTRADA (ED)	CURVA (CV)	SIENA (SN)	ANUBE (AB)

MAAX

40K - KEY-IN-LEVER & ROSE TRIM

HANDING:
- Non-handed, field reversible

DOOR THICKNESS:
- 1-3/4" (44.5 mm) - standard
- Specify door thickness if more than standard

ROSE DIAMETER:
- 3-1/16" (78mm)

ROSE MATERIAL:
- Steel or stainless steel

STRUCTURE:
- Anti-vandalism design protects lever from damages when locked
- Connected to the device chassis by 2 thru-bolts for high security and durability

LEVER MATERIAL:
- Zinc alloy

LEVER OPTIONS:
- ENTRADA (ED), CURVA (CV), and RECTO (RT)

FUNCTIONS:
- 40KP - Passage
- 40KE - Entrance
- 40KN - Night latch (storeroom)
- 40KM - Dummy (for panic listed device only)

CYLINDERS:
- Key-in-Lever cylinder
- Cylinder can be regular "conventional" core (RC) or interchangeable core (IC)
- Cylinders are not provided as standard. Specify cylinder type if required

FINISHES:
- US3 (605) Bright brass clear coated, US32D (630) Satin stainless steel, US28 (689) Aluminum painted, US20 (690) Dark bronze painted

WARRANTY:
- Limited 5 years on hardware components

40K - FUNCTIONS

40KP
Key-in Lever - Passage

-Lever always operable
-Cylinder: No cylinder
-ANSI Function: 14

40KE
Key-in-Lever - Entrance

-Key locks and unlocks lever
-Cylinder: 1/4" mortise cylinder
-ANSI Function: 08

40KN
Key-in-Lever - Night Latch (Storeroom)

-Key retracts latchbolt (rigid lever)
-Cylinder: Rim cylinder
-ANSI Function: 09

40KM
Key-in-Lever - Dummy

-Rigid lever (Panic device only)
-Cylinder: No cylinder
-ANSI Function: 02

40K - LEVER OPTIONS

ENTRADA (ED)	CURVA (CV)	RECTO (RT)

40P - PULL PLATE TRIM

HANDING:
- 40PS and 40PE: Handed. Specify when ordering
- 40PN and 40PM: Non-handed

DOOR THICKNESS:
- 1-3/4" (44.5 mm) - standard
- Specify door thickness if more than standard

PLATE SIZE:
- 40PS and 40PE: 3" (76mm) W X 14-11/16" (373mm) H X 3/32" (2mm) thick
- 40PN and 40PM: 3" (76mm) W X 11-13/16" (300mm) H X 3/32" (2mm) thick

PLATE MATERIAL:
- Steel or stainless steel

STRUCTURE:
- Connected to the device chassis by 2 thru-bolts for high security and durability

PULL HANDLE MATERIAL:
- Zinc alloy

FUNCTIONS:
- 40PS - Passage
- 40PE - Entrance
- 40PN - Night latch (storeroom)
- 40PM - Dummy (for panic listed device only)

CYLINDERS:
- Mortise cylinder 1-1/4" on 40PE - Entry
- Rim cylinder on 40PN - Night Latch
- Cylinder can be regular "conventional" core (RC) or interchangeable core (IC)
- Cylinders are not provided as standard. Specify cylinder type if required

FINISHES:
- US3 (605) bright brass clear coated, US32D (630) satin stainless steel, US28 (689) aluminum painted, US20 (690) Dark bronze painted

40R - RAISED LIP PLATE TRIM

PLATE SIZE:
- 3" (76mm) W X 7-11/16" (196mm) H X 1/8" (3mm) thick X 1" (25mm) projection

PLATE MATERIAL:
- Steel or stainless steel

FUNCTIONS:
- 40RN - Night latch (storeroom)
- 40RM - Dummy (for panic listed device only)

CYLINDERS:
- Rim cylinder on 40RN - Night Latch

FINISHES:
- US3 (605) bright brass clear coated, US32D (630) satin stainless steel, US28 (689) aluminum painted, US20 (690) Dark bronze painted

40P - FUNCTIONS

40PS
Thumbpiece Pull Plate - Passage

-Entrance by thumbpiece
-Thumbpiece always operable
-Cylinder: No cylinder
-ANSI Function: 15

40PE
Thumbpiece Pull Plate - Entrance

-Entrance by thumbpiece.
-Key locks and unlocks thumbpiece
-Cylinder: 1/4" mortise cylinder
-ANSI Function: 05

40PN
Pull Plate - Night Latch (Storeroom)

-Key retracts latchbolt
-Cylinder: Rim cylinder
-ANSI Function: 03

40PM
Pull Plate - Dummy

-Pull when device is dogged down
-Cylinder: No cylinder
-ANSI Function: 02

40R - FUNCTIONS
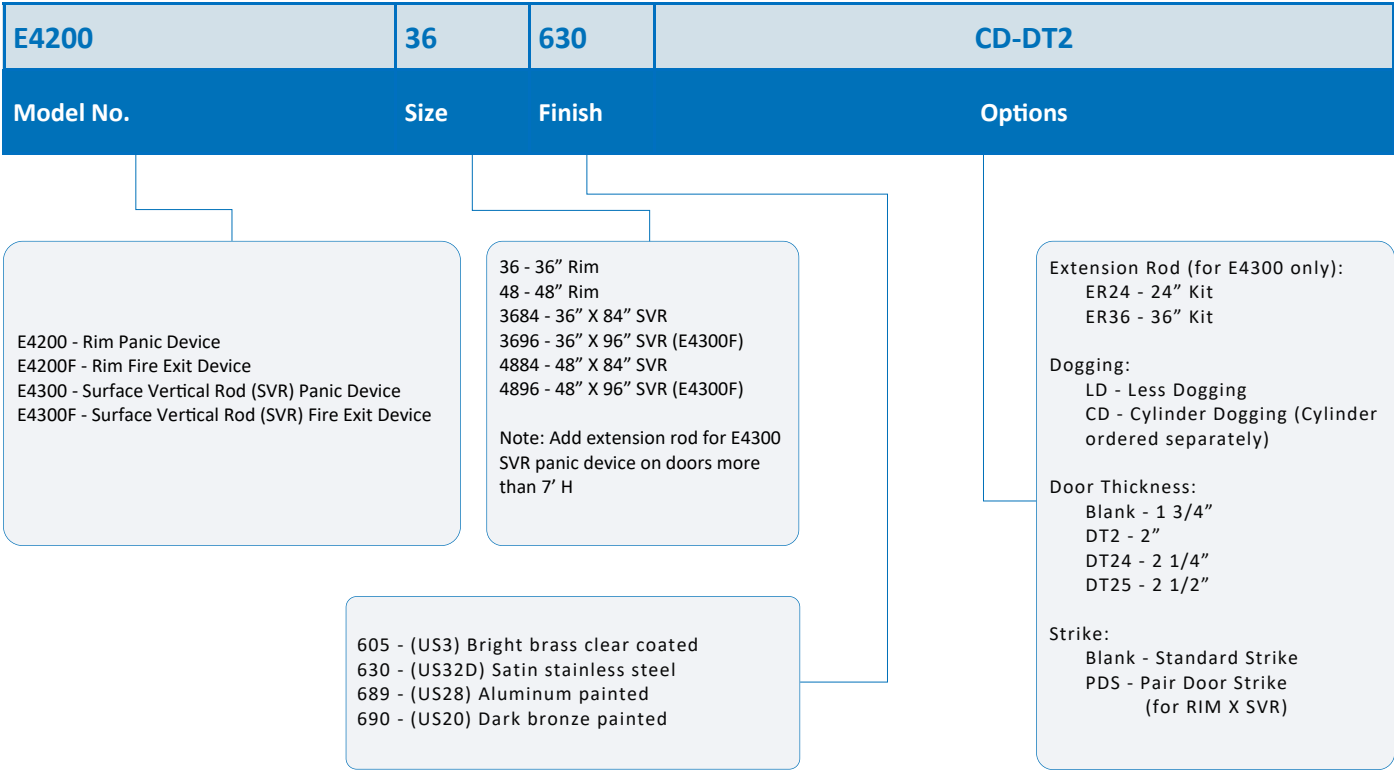
40RN
Raised Lip Plate - Night Latch (Storeroom)

-Key retracts latchbolt
-Cylinder: Rim
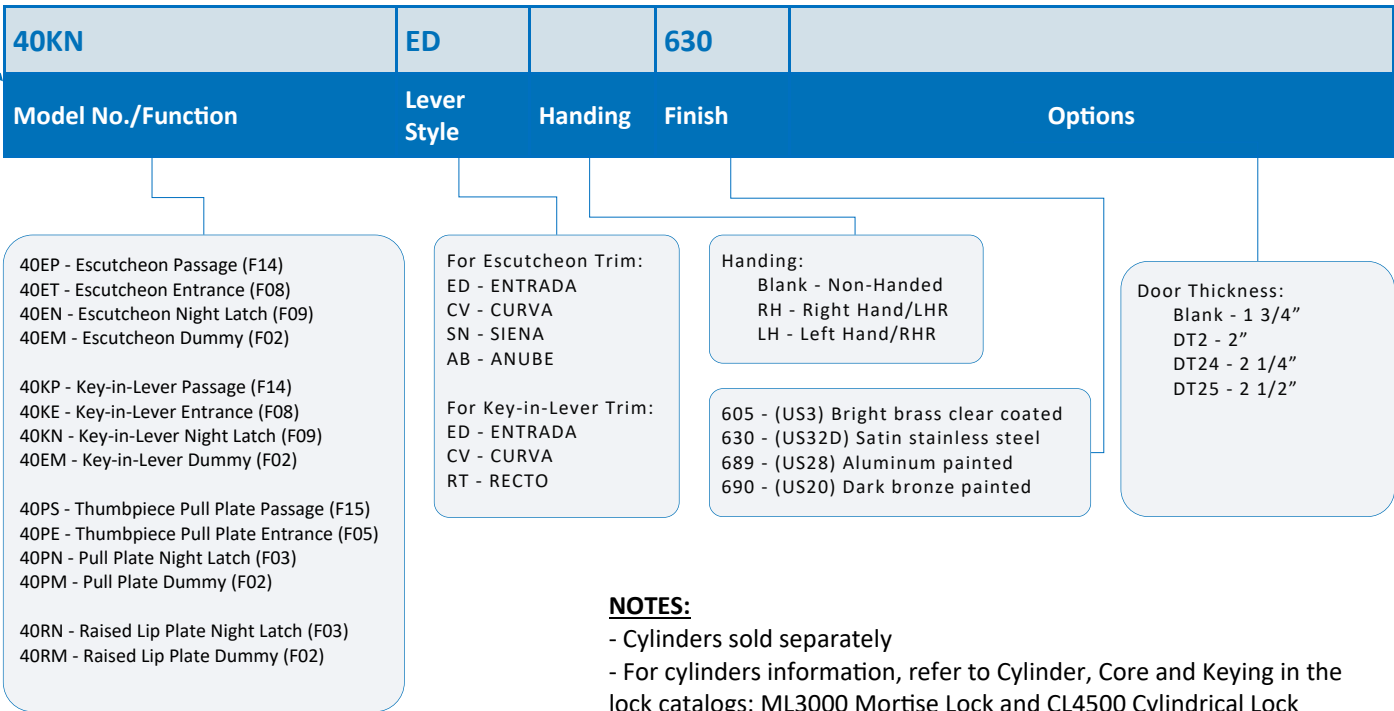-ANSI Function: 03

40RM
Raised Lip Plate - Dummy

-Pull when device is dogged down
-Cylinder: No cylinder
-ANSI Function: 02

HOW TO ORDER EXIT DEVICE

E4200	36	630	CD-DT2
Model No.	Size	Finish	Options

E4200 - Rim Panic Device
E4200F - Rim Fire Exit Device
E4300 - Surface Vertical Rod (SVR) Panic Device
E4300F - Surface Vertical Rod (SVR) Fire Exit Device

36 - 36" Rim
48 - 48" Rim
3684 - 36" X 84" SVR
3696 - 36" X 96" SVR (E4300F)
4884 - 48" X 84" SVR
4896 - 48" X 96" SVR (E4300F)

Note: Add extension rod for E4300 SVR panic device on doors more than 7' H

605 - (US3) Bright brass clear coated
630 - (US32D) Satin stainless steel
689 - (US28) Aluminum painted
690 - (US20) Dark bronze painted

Extension Rod (for E4300 only):
 ER24 - 24" Kit
 ER36 - 36" Kit

Dogging:
 LD - Less Dogging
 CD - Cylinder Dogging (Cylinder ordered separately)

Door Thickness:
 Blank - 1 3/4"
 DT2 - 2"
 DT24 - 2 1/4"
 DT25 - 2 1/2"

Strike:
 Blank - Standard Strike
 PDS - Pair Door Strike
   (for RIM X SVR)

HOW TO ORDER EXIT TRIM

40KN	ED		630	
Model No./Function	Lever Style	Handing	Finish	Options

40EP - Escutcheon Passage (F14)
40ET - Escutcheon Entrance (F08)
40EN - Escutcheon Night Latch (F09)
40EM - Escutcheon Dummy (F02)

40KP - Key-in-Lever Passage (F14)
40KE - Key-in-Lever Entrance (F08)
40KN - Key-in-Lever Night Latch (F09)
40EM - Key-in-Lever Dummy (F02)

40PS - Thumbpiece Pull Plate Passage (F15)
40PE - Thumbpiece Pull Plate Entrance (F05)
40PN - Pull Plate Night Latch (F03)
40PM - Pull Plate Dummy (F02)

40RN - Raised Lip Plate Night Latch (F03)
40RM - Raised Lip Plate Dummy (F02)

For Escutcheon Trim:
ED - ENTRADA
CV - CURVA
SN - SIENA
AB - ANUBE

For Key-in-Lever Trim:
ED - ENTRADA
CV - CURVA
RT - RECTO

Handing:
 Blank - Non-Handed
 RH - Right Hand/LHR
 LH - Left Hand/RHR

605 - (US3) Bright brass clear coated
630 - (US32D) Satin stainless steel
689 - (US28) Aluminum painted
690 - (US20) Dark bronze painted

Door Thickness:
 Blank - 1 3/4"
 DT2 - 2"
 DT24 - 2 1/4"
 DT25 - 2 1/2"

NOTES:
- Cylinders sold separately
- For cylinders information, refer to Cylinder, Core and Keying in the lock catalogs: ML3000 Mortise Lock and CL4500 Cylindrical Lock

STRIKES

RIM STRIKES	SVR STRIKES
Item No. 400401 **Strike - Rim Panic Device** -Included standard with E4200 -For use with rim panic device -Finish: US32D	**Item No. 400403** **Top Strike - SVR** -Included standard with E4300/E4300F -For use with SVR panic device, and SVR fire exit device -Finish: US32D
Item No. 400402 **Strike - Rim Fire Exit Device** -Included standard with E4200F -For use with rim fire exit device -Finish: US32D	**Item No. 400404** **Bottom Strike - SVR** -Included standard with E4300/E4300F -For use with SVR panic device, and SVR fire exit device -Finish: US32D

PAIR DOOR STRIKE OPTION

Item No. 400405
Strike - Pair door RIM X SVR

-Optional strike for E4200 RIM X E4300 SVR
-Required for Rim device when used
  on pair of doors with surface vertical
  rod device
-Finish: US32D

DOGGING OPTIONS

LESS DOGGING	CYLINDER DOGGING

Less Dogging (LD)
 	
-Optional for E4200/E4300
-Available for panic rated devices when
  user wants to remove the standard
  dogging feature
	Cylinder Dogging (CD)
	
	-Optional for E4200/E4300
	-Available for panic rated devices to replace
	  the standard hex key dogging with
	  1-1/4" mortise cylinder

SVR ASSEMBLY

TOP LATCH ASSEMBLY	BOTTOM LATCH ASSEMBLY
Item No. 400421 **Top Latch Assembly - Panic** -Included standard with E4300 -Top latch with cover and fasteners **Item No. 400422** **Top Latch Assembly - Fire Exit** -Included standard with E4300F -Top latch with cover and fasteners	**Item No. 400423** **Bottom Latch Assembly - Panic** -Included standard with E4300 -Bottom latch with cover and fasteners **Item No. 400424** **Bottom Latch Assembly - Fire Exit** -Included standard with E4300F -Bottom latch with cover and fasteners

2' EXTENSION ROD	3' EXTENSION ROD
Item No. 400431 **2' Extension Rod - Panic** -Optional on E4300 panic for doors over 7' H -24" long, threaded on both ends. Complete with connector, rod guide and fasteners -Material: Aluminum -Finish: matches the device finish	**Item No. 400432** **3' Extension Rod - Panic** -Optional on E4300 panic for doors over 7' H -36" long, threaded on both ends. Complete with connector, rod guide and fasteners -Material: Aluminum -Finish: matches the device finish

CYLINDER OPTIONS

MORTISE CYLINDERS	RIM CYLINDERS
Item No. 400411 **Mortise Cylinder - Conventional** -1-1/4" length, conventional core -Ordered separately -See cylinders and keying of ML3000 mortise lock for more information and options **Item No. 400412** **Mortise Cylinder - Interchangeable** -1-3/8" length, small format SFIC core -Ordered separately -See cylinders and keying of ML3000 mortise lock for more information and options	**Item No. 400413** **Rim Cylinder - Conventional** -1-3/8" length, conventional core -Ordered separately -See cylinders and keying of ML3000 mortise lock for more information and options **Item No. 400414** **Rim Cylinder - Interchangeable** -1-3/8" length, small format SFIC core -Ordered separately -See cylinders and keying of ML3000 mortise lock for more information and options

E4000 Series

Standard Duty Exit Devices

MX-E4000-21
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