



Delayed
Exit Device

DORMA DE9000

DORMA's DE9000 delayed egress exit devices maximize features for uncompromising security and safety.

DE9000 devices are designed for ease of installation, job site function flexibility, and years of trouble free service. Delayed egress exit devices are intended for low level egress security applications such as healthcare facilities, assisted living centers, hospitals, or retail. For applications requiring higher levels of egress security such as juvenile detention centers, developmentally challenged adult incarceration facilities, or other types of more challenging environments, it is recommended that a standard exit device be used in conjunction with DORMA's EMDE Series delayed egress magnetic door locks.

Certifications:

- Certified/listed to ANSI/BHMA 156.3, Grade 1 for exit devices.
- U.L. and C.U.L. listed under their continuing reinspection programs and conforms to standards U.L. 10C and U.B.C. 7-2 positive pressure testing.
- Complies with NFPA 101 life safety code. Fire rated devices comply with NFPA 80 fire doors and windows.
- Listed with the California Department of Forestry and Fire Protection, Office of the State Fire Marshal.
- Devices, trim, pulls, and levers comply with the Americans with Disabilities Act, 1994, and ANSI 117.1-2003 for accessible and usable buildings and facilities
- Contributes to U.S. Green Building Council, LEED MR Credits 2.1, 4.1, 4.2 and 5.1.

Specifications:

All devices shall be DORMA DE9000 Series delayed exit devices with ES105 power transfer and ES100 power supply. Devices shall be rim, mortise, or concealed vertical rod. Devices to have a nuisance alarm with a steady tone to limit inadvertent activation. Depressing and holding the touchbar beyond the nuisance alarm period must initiate a 15 second delay with an intermittent tone. Following the irreversible 15 second delay alarm period, the device must release and continue an indefinite steady tone alarm until reset. All devices must be capable of rearming by turning the key switch on the device to **rearm** or by using the alternate remote rearm capability. The same key switch must disarm the device for authorized egress. All devices must provide two sets of relay contacts that activate when the device is in an irreversible alarm to control remote audible/visual alarms included in DORMA control consoles. All devices must have an LED indicator light for conveying the status of the device. Internal locking feature is required to further enhance security when subjected to forced opening. Devices must provide an input for use with an external door position switch to prohibit doors from being held open while the device is armed. The device must alarm simultaneously with the activation of the door position switch.

When power is cut to the devices, they must release and function as typical exit devices in the event of a fire or emergency situation.

All devices to have heavy-duty cast chassis. All device touchbar, rail, and cover assemblies shall be constructed of

heavy gauge solid wrought materials for true architectural finishes or color coated finishes where applicable. Fire rated versions shall be available for labeled applications. All concealed vertical rod devices shall have pullman type top latch bolts and round slidebolt bottom latches. All devices to have deadlocking latch bolts with 3/4" throw where applicable. All units shall offer a full range of free wheeling operational trim, except mortise devices. All units shall offer optional rigid and clutch style trim, where applicable. All devices to be furnished with appropriate mounting hardware including both wood and machine screws, as well as sex nuts where required. An adhesive sign with an operation directive must be supplied.

Optional Specifications:

All devices to be furnished with a 30 second irreversible delay alarm. Written approval from the authority having jurisdiction required. Specify **30**.

All devices for CBC compliant applications to include special CBC door label. Specify **CBC**.

All concealed vertical rod devices to have pullman type bottom latch bolt. Specify **PB**.

All concealed vertical rod devices to have extended top rod up to 10'. Specify **ETR**.

All devices to use a glass lite shim kit to raise the device from the door surface to accommodate glass light molding. Specify **GK9000**.

All devices for labeled wood or composite doors to be furnished with sex bolts. Specify **SNB**.

All devices to be furnished with rigid trim. Specify **R** after trim number.

All devices to be furnished with clutch style lever trim. Specify **C** after lever trim number.

All concealed vertical rod devices installed in aluminum doors to be furnished with appropriate brackets for aluminum door applications. Specify **ALD** (DE9100 only).

All devices to use tamper-resistant security screws for attaching the end cap, chassis cover, and strikes. Specify **TX**.

Finishes:

Architectural Finishes:

Brass: 605 (Bright) or 606 (Satin).
Bronze: 611 (Bright), 612 (Satin), or
613 (Oxidized Satin Oil Rubbed).
Nickel: 619 (Satin).
Chrome: 625 (Bright) or 626 (Satin).
Stainless Steel: 630 (Satin).

Powder Coated Finishes:

Aluminum: 689.
Bronze: 691 (Dull) or
695 (Dark Duranodic).
Black: 693.
Gold: 696.
Clear Powder Coating:
Specify **P**.

Antimicrobial Protected Coating: Specify **AM**.

Warranty:

10 Years - Mechanical.

2 Years - Electronic integral components and accessories.



The quality management system at the Steeleville, IL facility is certified to ISO-9001:2000.*



*DORMA Door Controls Inc., dba: DORMA Architectural Hardware

Delayed Egress - The DE9000 is armed, and the touchbar will not activate the latch bolt for 15 seconds (30 second factory option available). This provides a controlled delayed egress while simultaneously sounding a local and remote audible alarm. After the delay time, unrestricted emergency egress is available.

Nuisance Alarm - The nuisance alarm, with a steady warning tone, deters inadvertent activation of the device when the touchbar is depressed. Releasing the touchbar before the predefined nuisance alarm time of 1 or 3 seconds terminates the alarm, and the device returns to the armed mode. Depressing the touchbar longer than the predefined time will initiate the 15 second irreversible delay cycle. The 1 or 3 second nuisance alarm time is included in the 15 second irreversible delay time. The nuisance alarm time is field-selectable for three seconds or one second by a dip switch. **A 30 second delay option is available set at the factory. Written approval is required from the authority having jurisdiction.**

Local or Remote Alarm - Device has an internal 85 dB alarm which will sound indefinitely in the alarm state until the device is reset. Additionally, a form C relay is

provided for activating remote audible/visual signaling of DORMA control console or third party console, security panel, or other audible/visual signaling device.

Indicator LED - Status for the DE9000 can be determined by the indicator LED which is visible in varied lighting conditions. When the device is disarmed for an extended time in the **bypass** mode, the LED will maintain a slow green flash. When activated for **authorized egress**, the LED displays a rapid green flash until the device automatically rearms. In the armed state, the LED maintains a solid green. When the touchbar is depressed for exit, the nuisance alarm will sound while the LED remains solid green. In the 15 second irreversible delay cycle, the LED turns solid yellow. In the alarm state, the LED is solid red.

Key Switch Control - This integral key switch provides the means to locally rearm the device from the alarm state, disarm for authorized egress, and set the device for the **bypass** feature. A mortise cylinder is supplied with the device.

Remote Authorized Egress - This function allows override of the device in the armed state. The device will unlock

for egress and automatically rearm to the delayed egress mode in 10 seconds. This is field-selectable to allow a 20 second reset. Typical activation devices include remote consoles, key switches, or card readers. This input is controlled with a momentary action normally open switch.

Remote Rearm - Remote rearming of the device is allowed from the alarm state. Typical activation devices include remote consoles or key switches. This input is controlled with a momentary action normally open switch. Consult local authority having jurisdiction when using this feature.

Door Position Input - An input for use with an external door position switch is provided. This input switch is a maintained action normally closed contact. The device

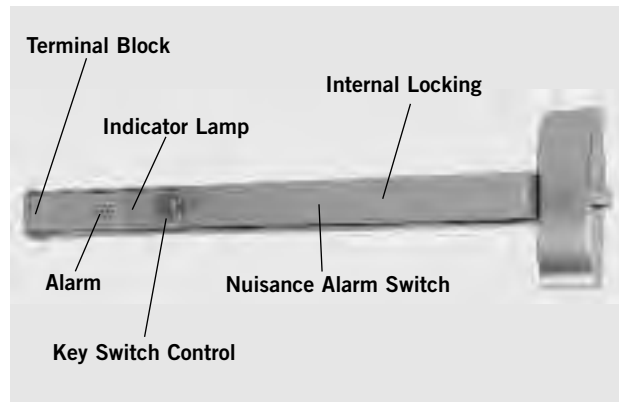
alarms simultaneously with the contact opening. The door is prohibited from being forced or held open unauthorized while the device is armed. The field-selectable authorized egress and bypass functions ignore the door position input for authorized exit or entrance.

Electrical Specifications

Input Power:
24 VDC @ .5 A continuous (5 A inrush for 350 ms).
Power must be provided by a DORMA ES100 power supply.

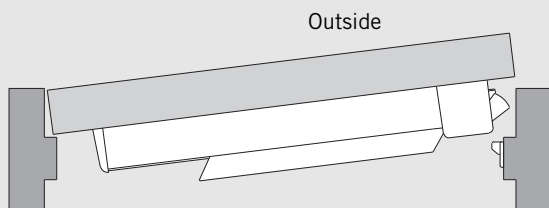
Door Position Input:
Requires a normally closed contact.

Pigtail Provided for the Following: Input power, remote authorized egress, remote bypass/rearm, relay contacts for audible/visual console, and door position switch input.

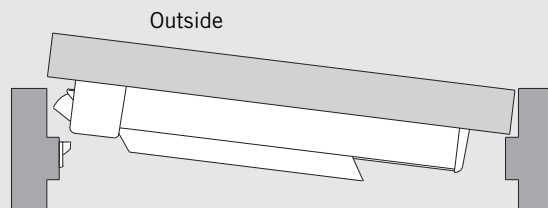


Handing

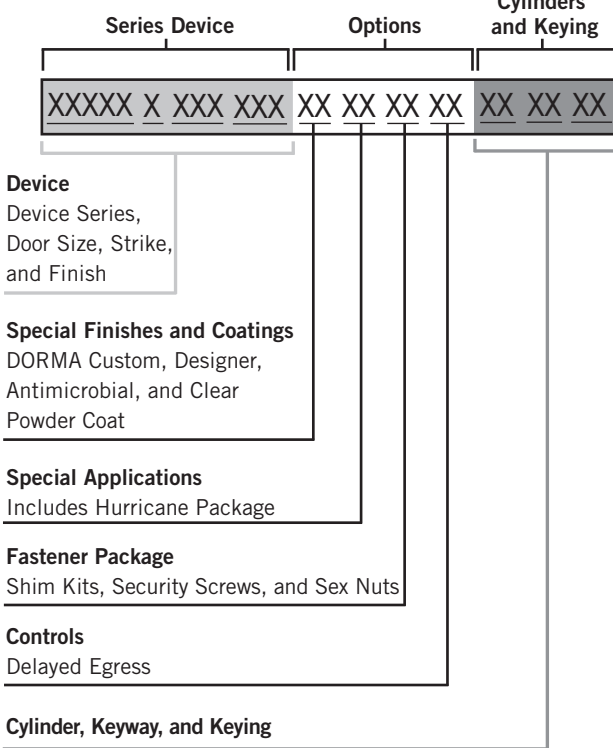
Right-Hand Reverse Bevel (RHRB)



Left-Hand Reverse Bevel (LHRB)



How to Order



Patent-Pending Key Control
D100 is the keyway for DORMA's patent-pending **SKC** serialized key control system. **SKC** is internet based and provides added layers of security. For more information, contact your local DORMA sales representative or DORMA Technical Service at 800-523-8483.

Features	Model DE9100	Model DE9300	Model DE9500
U.L. Listed for Hazard	•	•	•
U.L. Listed for Labeled Fire Doors (prefix DEF)	◦	◦	◦
Size A Doors 40-1/2" to 48" Wide	◦	◦	◦
Size B Doors 34-1/2" to 36" Wide	•	•	•
Door Thickness 1-3/4" to 2-1/4"	•	•	•
Nuisance Alarm (1 or 3 sec)*	•	•	•
Local or Remote Activated 85 dB Alarm	•	•	•
Status Indicator Lamp	•	•	•
Key Switch Control	•	•	•
Local or Remote Authorized Egress*	•	•	•
Local or Remote Rearm/Bypass*	•	•	•
Door Position Input	•	•	•
Door Heights up to 8'	•	NA	NA
Door Height up to 10' (specify ETR)	◦	NA	NA
Device Non-Handed	NA	•	NA
Device Handed but Field-Reversible	•	NA	NA
Device Handed, Not Reversible	NA	NA	•
Round Bottom Slide Bolt	•	NA	NA
Deadlocking Pullman Type Bottom Latch Bolt (specify PB)	◦	NA	NA
Authorized Egress or Auto Alarm, Power Up State*	•	•	•
Latch Bolt Guard DE9300/DEF9300 w/463 only	NA	•	NA

* Field Selectable
 • Standard Feature ◦ Optional Feature NA Not Applicable

- Options**
- (R) Rigid Trim
 - (C) Clutch Style Lever Trim
 - (ETR) Top Rod Extension (9100)
 - (GK9000) Glass Lite Shim Kit
 - (SB) Slide Bolt (9100)
 - (PB) Pullman Bottom Latch (9100)
 - (SNB) Sex Nuts – specify quantity
 - (ALD) Aluminum Door Brackets (9100)
 - (TX) Security Screws
 - (DE30) 30 Second Delay (requires special approval from authority having jurisdiction)
 - (DECBC) Delayed Egress – CBC compliant

ANSI Function	Type 1 Rim Exit Device	Type 3 Mortise Exit Device	Type 7/8 — Wood/Metal Door Concealed Vertical Rod Exit Device
01	DE9300 or DEF9300	DE9500 or DEF9500	DE9100 or DEF9100
03	DE9300 or DEF9300 × (trim) V003/V103/V303 NPT03/PTT03/PRT03 YR03R/YT03R/YC03R/YO03/YK03R R03/R03J/C03/C03J/K03/K03J/G03/G03J POF03HDA	DE9500 or DEF9500 × (trim) V003M/V103M/V303M NPT03M/PTT03M/PRT03M YR03MR/YT03MR/YC03MR/ Y003M/YK03MR/YG03M/YG03MR	DE9100 or DEF9100 × (trim) V003CV/V103CV/V303CV NPT03CV/PTT03CV/PRT03CV YR03R/YT03R/YC03R/YO03/YK03R/YG03R R03/R03J/C03/C03J/K03/K03J/G03/G03J
05	DE9300 or DEF9300 × (trim) HTT05/HRT05	DE9500 or DEF9500 × (trim) HTT05M/HRT05M	DE9100 or DEF9100 × (trim) HTT05CV/HRT05CV
06	DE9300 or DEF9300 × (trim) HTT06/HRT06	_____	DE9100 or DEF9100 × (trim) HTT06CV/HRT06CV
08	DE9300 or DEF9300 × (trim) YR08/YT08/YC08/YK08/YG08 YR08C/YT08C/YC08C R08/R08J/C08/C08J/K08/K08J/G08/G08J	DE9500 or DEF9500 × (trim) YR08M/YT08M/YC08M/YK08M/YG08M YR08MC/YT08MC/YC08MC/YG08MC	DE9100 or DEF9100 × (trim) YR08/YT08/YC08/YK08/YG08 YR08C/YT08C/YC08C/YG08C R08/R08J/C08/C08J/K08/K08J/G08/G08J
09	DE9300 or DEF9300 × (trim) YR09/YT09/YC09/YK09 YR09C/YT09C/YC09C	_____	DE9100 or DEF9100 × (trim) YR09/YT09/YC09/YK09/YG09 YR09C/YT09C/YC09C/YG09C

Model	Door Material	Max. Door Opening	Door Ratings	Applications
-------	---------------	-------------------	--------------	--------------

Single Doors

Concealed Vertical Rod DE9100	Wood/Steel	4' x 10'	Devices are panic listed only	Concealed (2) point latching	
Concealed Vertical Rod DEF9100	Steel	4' x 10'	3 Hour		
	Wood	4' x 10'	1-1/2 Hour		
Rim DE9300	Wood/Steel	4' x 8'	Devices are panic listed only	Surface applied (1) point latching	
Rim DEF9300	Steel	4' x 8'	3 Hour		
	Wood	4' x 8'	1-1/2 Hour		
Mortise DE9500	Wood/Steel	4' x 10'	Devices are panic listed only	Mortised (1) point latching	
Mortise DEF9500	Steel	4' x 10'	3 Hour		
	Wood	4' x 8'	1-1/2 Hour		
	Wood	4' x 10'	*1/3 Hour		






















































Pair of Doors with Removable Mullion

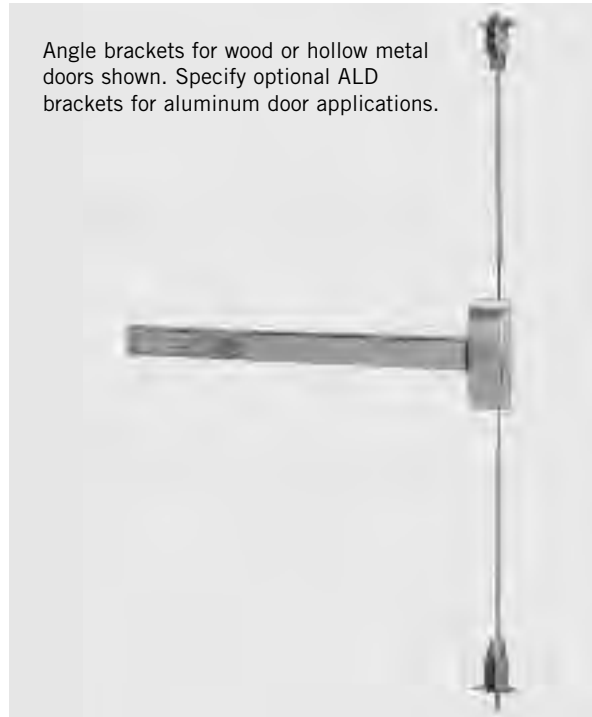
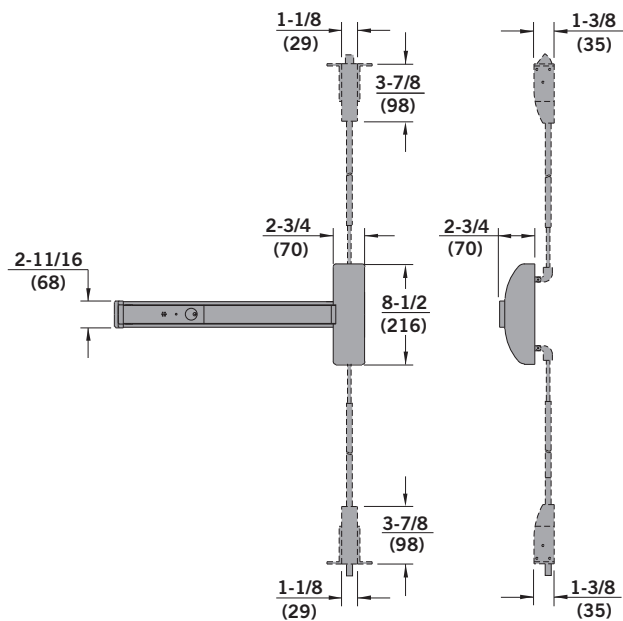
Rim x Rim DE9300 x DE9300	Wood/Steel	8' x 8'	Devices are panic listed only	(2) independent active doors with removable mullion (1) point latching	
Rim x Rim DEF9300 x DEF9300	Steel	8' x 8'	1-1/2 Hour		
	Wood	8' x 8'	1-1/2 Hour		

Pair of Doors

Concealed Vertical Rod DE9100 x DE9100	Wood/Steel	8' x 10'	Devices are panic listed only	(2) independent doors with (2) point latching (swing same direction)		
Concealed Vertical Rod DEF9100 x DEF9100	Steel	8' x 10'	3 Hour			
	Wood	8' x 8'	1-1/2 Hour			
Concealed Vertical Rod DE9100 x DE9100	Wood/Steel	8' x 10'	Devices are panic listed only	(2) independent doors with (2) point latching (swing opposite direction)		
	Concealed Vertical Rod DEF9100 x DEF9100	Steel	8' x 10'			3 Hour
		Wood	8' x 8'			1-1/2 Hour
Wood	8' x 10'	1-1/2 Hour				
Rim x Concealed Vertical Rod DE9300 x DE9100	Wood/Steel	8' x 8'	Devices are panic listed only	(2) independent doors with (1) and (2) point latching (swing same direction)		
Mortise x Concealed Vertical Rod DE9500 x DE9100	Wood/Steel	8' x 10'	Devices are panic listed only	(2) independent doors with (1) and (2) point latching		
Mortise x Concealed Vertical Rod DEF9500 x DEF9100	Steel	8' x 10'	3 Hour	(2) independent doors with (1) and (2) point latching (swing same direction)		
	Wood	8' x 8'	1-1/2 Hour			
	Wood	8' x 10'	1-1/2 Hour			

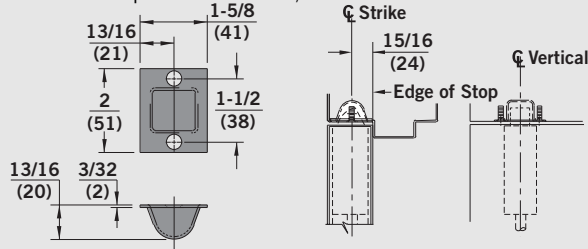
*Designates minimum U.L. listing for wood doors over 8' in height. Listings for 90 minutes or greater may be applicable through other listing agencies dependent upon the wood door manufacturer's current listing. Contact wood door manufacturer for details.

Model Number	Function	Operation	Trim Model Numbers				
DE9100 DEF9100	01	Exit Only (no trim)					
DE9100 DEF9100	DT	Dummy Trim	VODTCV 	NPTDTCV  YODT 			
DE9100 DEF9100	03	Entrance by trim when latch bolts are retracted by key. Key removable only when locked.	VO03CV  YK03R 	V103CV  V303CV  YR03R  YT03R  YC03R  YG03R 	NPT03CV  K03  K03J 	PTT03CV  PRT03CV  R03  R03J  C03  C03J 	YO03  G03  G03J 
DE9100 DEF9100	05	Entrance by thumbpiece. Key locks or unlocks thumbpiece.	HTT05CV  HRT05CV 				
DE9100 DEF9100	06	Entrance by thumbpiece only when released by key. Key removable only when locked.	HTT06CV  HRT05CV 				
DE9100 DEF9100	08	Entrance by knob or lever. Key locks or unlocks knob or lever.	YK08 	YR08  YT08  YC08  YG08 	YR08C  YT08C  YC08C  YG08C 	K08  K08J 	R08  R08J  C08  C08J  G08  G08J 
DE9100 DEF9100	09	Entrance by knob or lever only when released by key. Key removable only when locked.	YK09 	YR09  YT09  YC09  YG09 	YR09C  YT09C  YC09C  YG09C 		

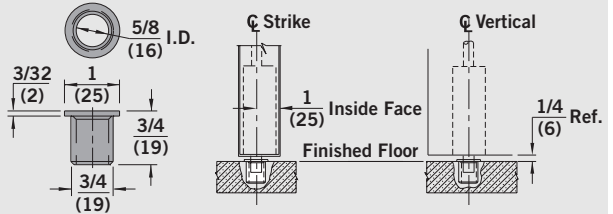


Standard Strikes

No. 418 - Top strike DE9100, DEF9100

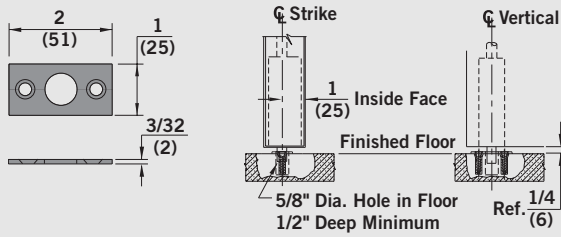


No. 439 - Bottom strike DE9100 and DEF9100

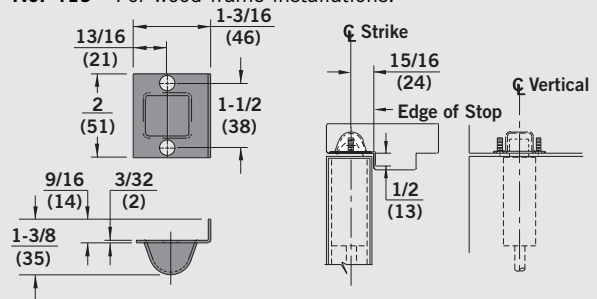


Optional Strikes

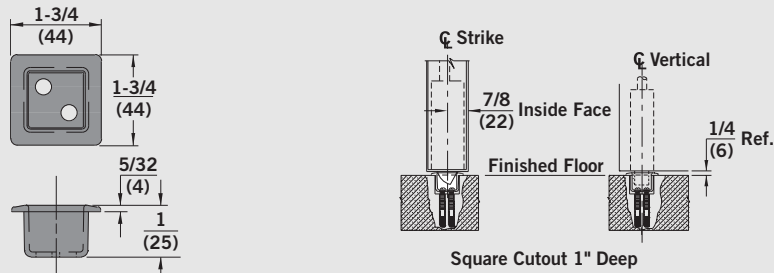
No. 340 - For bottom slide bolt.



No. 419 - For wood frame installations.

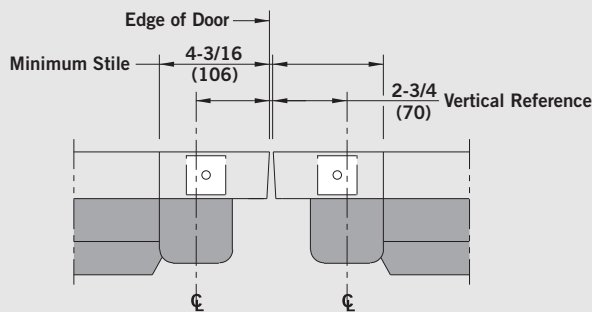


No. 431 - Can be used with optional pullman type bottom latch bolt.

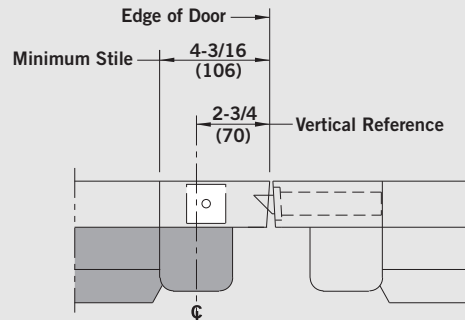
























































Minimum Stile and Vertical Reference

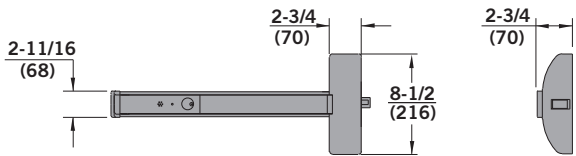
Pair Concealed Vertical Rod



Concealed Vertical Rod x Mortise

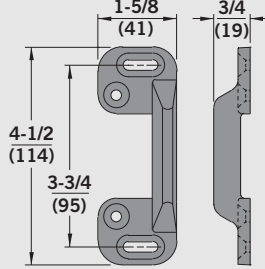


Model Number	Function	Operation	Trim Model Numbers				
DE9300 DEF9300	01	Exit Only (no trim)					
DE9300 DEF9300	DT	Dummy Trim	VODT 	NPTDT  YODT 			
DE9300 DEF9300	03	Entrance by trim when latch bolts are retracted by key. Key removable only when locked.	V003  YK03R 	V103  V303  YR03R  YT03R  YC03R  YG03R 	NPT03  K03  K03J 	PTT03  PRT03  R03  R03J  C03  G03  C03J  G03J 	Y003  POF3HDA 
DE9300 DEF9300	05	Entrance by thumbpiece. Key locks or unlocks thumbpiece.		HTT05  HRT05 			
DE9300 DEF9300	06	Entrance by thumbpiece only when released by key. Key removable only when locked.		HTT06  HRT06 			
DE9300 DEF9300	08	Entrance by knob or lever. Key locks or unlocks knob or lever.	YK08 	YR08  YT08  YC08  YG08 	YR08C  YT08C  YC08C  YG08C 	K08  K08J 	R08  R08J  C08  G08  C08J  G08J 
DE9300 DEF9300	09	Entrance by knob or lever only when released by key. Key removable only when locked.	YK09 	YR09  YT09  YC09  YG09 	YR09C  YT09C  YC09C  YG09C 		



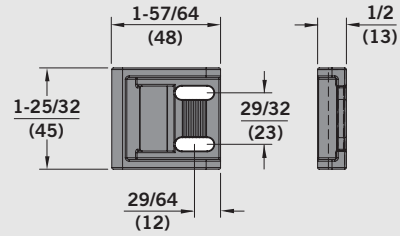
Standard Strike

No. 463 - Standard strike with DE9300 and DEF9300
(includes latch guard)



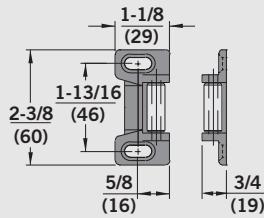
Optional Strike

No. 430 - Box strike with DE9300



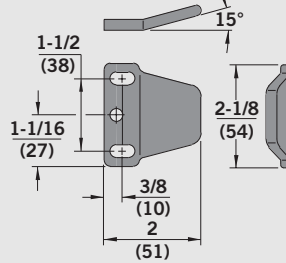
Optional Strikes

No. 486 - Roller strike

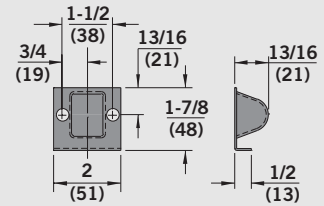


No. 320 - Overlap strike

Not Fire Rated

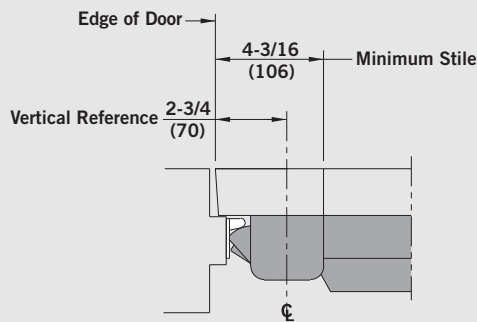


No. 425 - Recessed strike

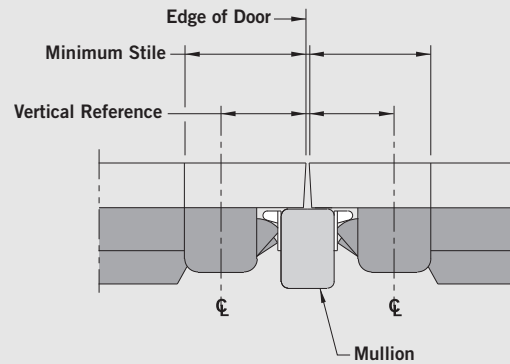


Minimum Stile and Vertical Reference



























Single Door



Pair of Doors with Mullion

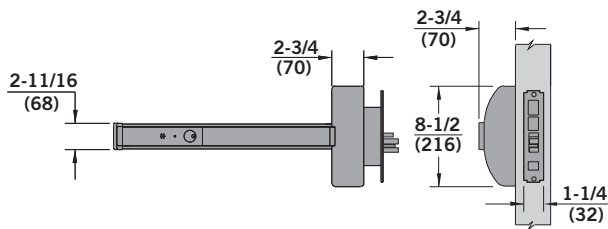


Mullion	Strike	Vert. Ref.	Min. Stile
1310	All	2-3/4" (70 mm)	4-3/16" (106 mm)
1330	All	3" (76 mm)	4-7/16" (113 mm)
F1300	All	3-1/4 (82 mm)	4-11/16" (119 mm)
F1340KR	All	3-1/4 (82 mm)	4-11/16" (119 mm)

Model Number	Function	Operation	Trim Model Numbers			
DE9500 DEF9500	01 ¹	Exit Only (no trim)				
DE9500 DEF9500	DT ²	Dummy Trim	VODT 	NPTDT 	YODT 	
DE9500 DEF9500	03 ²	Entrance by trim when latch bolts are retracted by key. Key removable only when locked.	VO03M 	V103M  V303M 	NPT03M 	PTT03M  PRT03M 
			YO03M 	YK03MR 	YR03MR  YT03MR  YC03MR  YG03MR 	
DE9500 DEF9500	05 ³	Entrance by thumbpiece. Key locks or unlocks thumbpiece.		HTT05M  HRT05M 		
DE9500 DEF9500	08 ¹	Entrance by knob or lever. Key locks or unlocks knob or lever.	YK08M 	YR08M  YT08M  YC08M  YG08M 	YR08MC  YT08MC  YC08MC  YG08MC 	

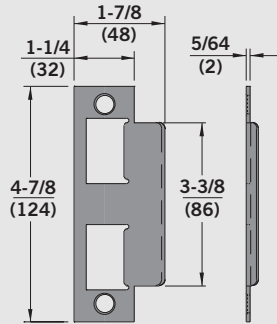
NOTE: When ordering a DE9500 device without trim, specify the device function so the correct mortise lock can be supplied.

1. Uses 08 function lock case
2. Uses 03 function lock case
3. Uses 05 function lock case



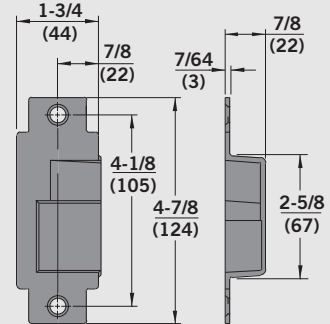
Standard Strike

No. 465 - Standard strike with DE9500/DEF9500



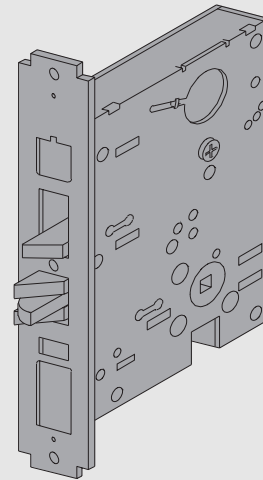
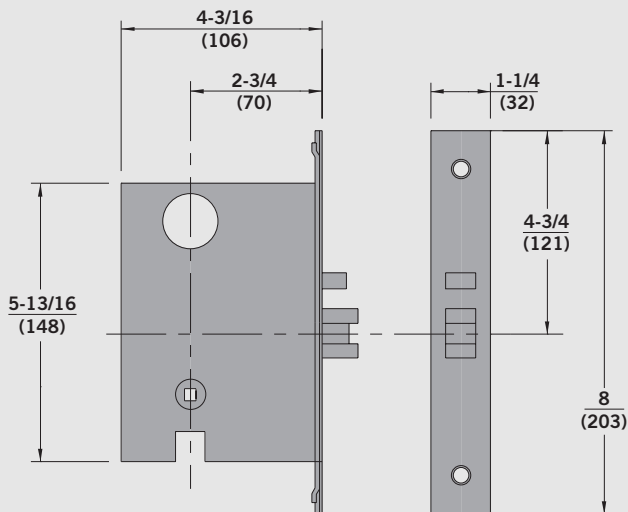
Optional Strike

No. 565 - Open back strike (Handed)



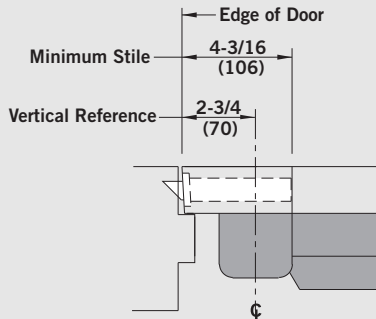
Mortise Lock

(Handed)


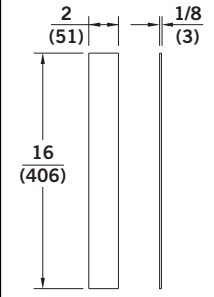

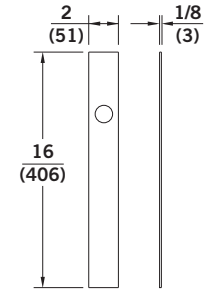

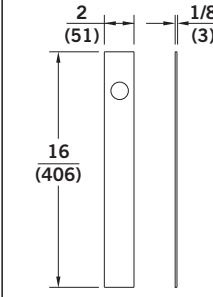


Minimum Stiles


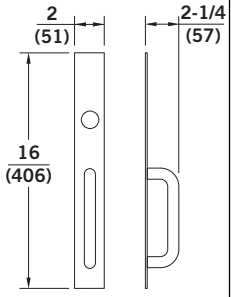

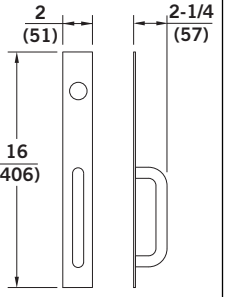

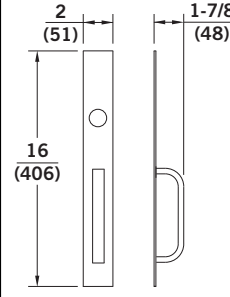
Single Doors



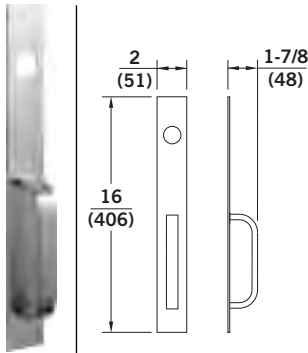
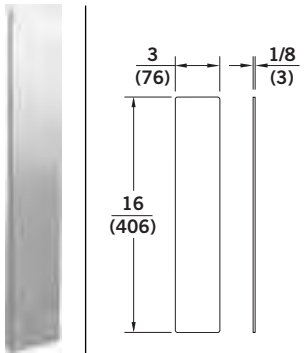
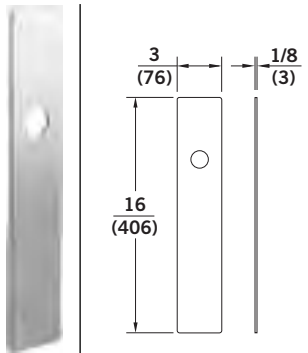
Trim

						
Trim Descriptions	Narrow Flat Plate Dummy Trim		Narrow Flat Plate with Cylinder Hole		Narrow Flat Plate with Cylinder Hole (mortise)	
Trim Designations	VODT, VODTCV		VO03, VO03CV		VO03M	
Handing	—		—		—	
Function	DT		O3		O3	
DORMA Cylinder (default)	—		80R20SC – Rim		90A10SC118 – Mortise	
DORMA Cylinder (optional SFIC)	—		87R20BA – 7-pin IC		97B10BA138 – 7-pin IC	

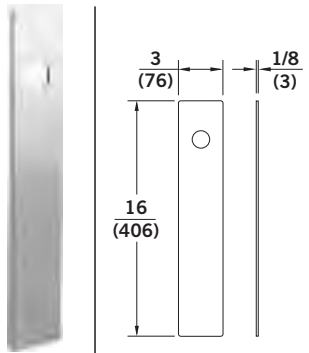
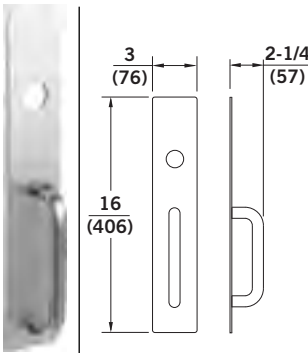
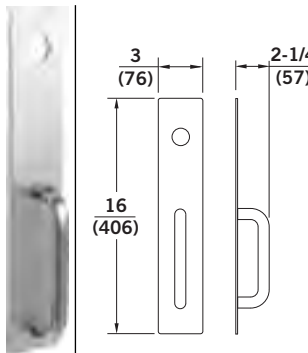
Trim

						
Trim Descriptions	Narrow Flat Plate Tubular Pull with Cylinder Hole		Narrow Flat Plate Tubular Pull with Cylinder Hole (mortise)		Narrow Flat Plate Rectangular Pull with Cylinder Hole	
Trim Designations	V103, V103CV		V103M		V303, V303CV	
Handing	—		—		—	
Function	O3		O3		O3	
DORMA Cylinder (default)	80R20SC – Rim		90A10SC118 – Mortise		80R20SC – Rim	
DORMA Cylinder (optional SFIC)	87R20BA – 7-pin IC		97B10BA138 – 7-pin IC		87R20BA – 7-pin IC	

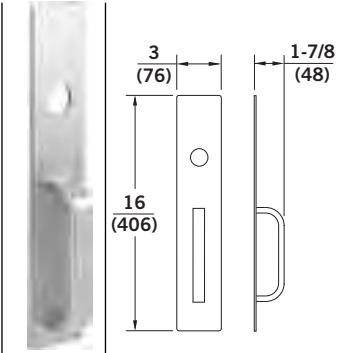
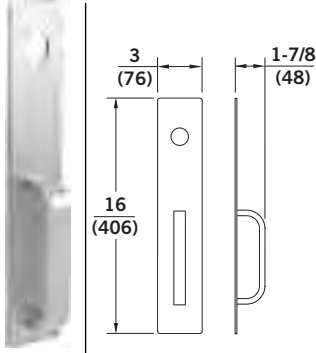
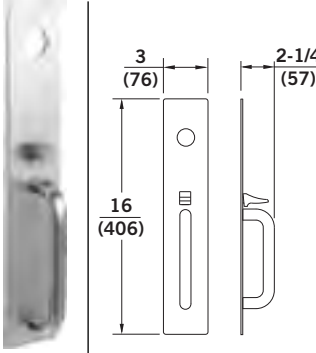
Trim

			
Trim Descriptions	Narrow Flat Plate Rectangular Pull with Cylinder Hole (mortise)	Wide Flat Plate Dummy Trim	Wide Flat Plate with Cylinder Hole
Trim Designations	V303M	NPTDT, NPTDTCV	NPT03, NPT03CV
Handing	—	—	—
Function	03	DT	03
DORMA Cylinder (default)	90A10SC118 – Mortise	—	80R20SC – Rim
DORMA Cylinder (optional SFIC)	97B10BA138 – 7-pin IC	—	87R20BA – 7-pin IC

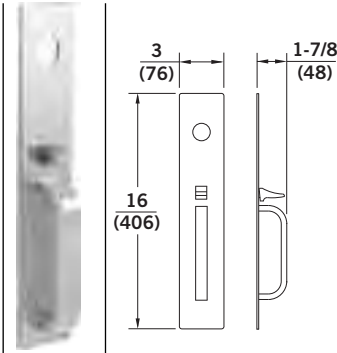
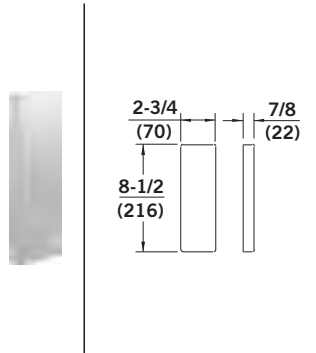
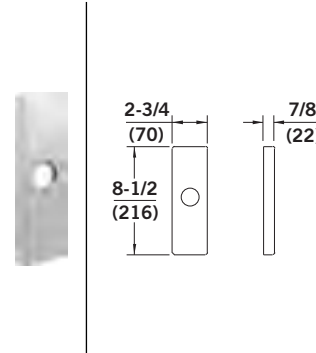
Trim

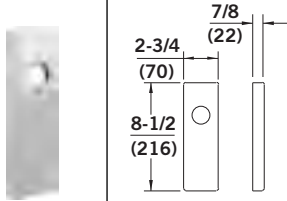
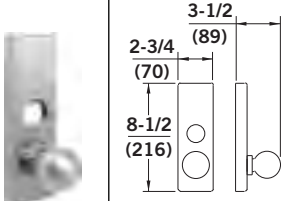
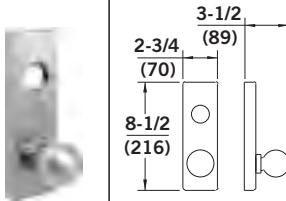
			
Trim Descriptions	Wide Flat Plate with Cylinder Hole (mortise)	Wide Flat Plate Tubular Pull with Cylinder Hole	Wide Flat Plate Tubular Pull with Cylinder Hole (mortise)
Trim Designations	NPT03M	PTT03, PTT03CV	PTT03M
Handing	—	—	—
Function	03	03	03
DORMA Cylinder (default)	90A10SC118 – Mortise	80R20SC – Rim	90A10SC118 – Mortise
DORMA Cylinder (optional SFIC)	97B10BA138 – 7-pin IC	87R20BA – 7-pin IC	97B10BA138 – 7-pin IC

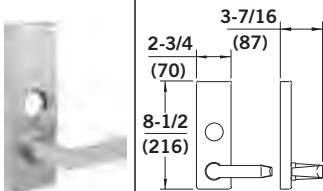
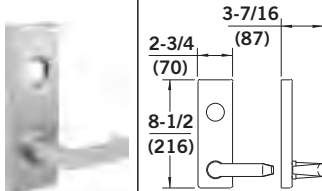
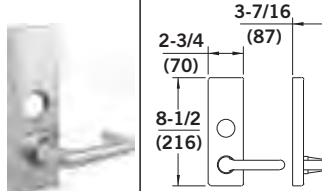
Trim

			
Trim Descriptions	Wide Flat Plate Rectangular Pull with Cylinder Hole	Wide Flat Plate Rectangular Pull with Cylinder Hole (mortise)	Wide Flat Plate Tubular Pull with Thumbpiece and Cylinder Hole
Trim Designations	PRT03, PRT03CV	PRT03M	HTT05, HTT05CV, HTT05M, HTT06, HTT06CV
Handing	—	—	—
Function	03	03	05 or 06 (HTT06/HTT06CV)
DORMA Cylinder (default)	80R20SC – Rim	90A10SC118 – Mortise	90A10SC118 – Mortise
DORMA Cylinder (optional SFIC)	87R20BA – 7-pin IC	97B10BA138 – 7-pin IC	97A10BA138 – 7-pin IC

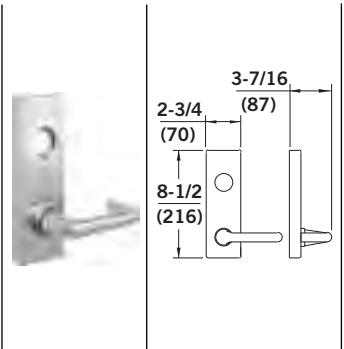
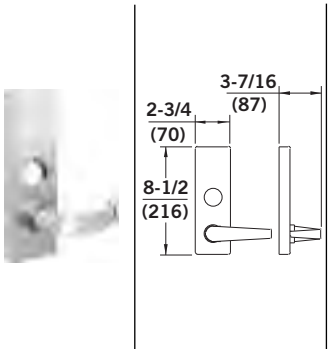
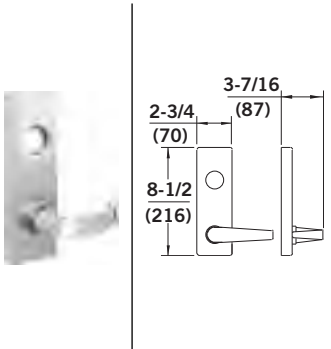
Trim

			
Trim Descriptions	Wide Flat Plate Rectangular Pull with Thumbpiece and Cylinder Hole	Raised Escutcheon Plate Dummy Trim	Raised Escutcheon Plate with Cylinder Hole
Trim Designations	HRT05, HRT05CV, HRT05M, HRT06, HRT06CV	YODT	Y003
Handing	—	—	—
Function	05 or 06 (HRT06/HRT06CV)	DT	03
DORMA Cylinder (default)	90A10SC118 – Mortise		80R20SC – Rim
DORMA Cylinder (optional SFIC)	9AB10BA138 – 7-pin IC		87R20BA – 7-pin IC

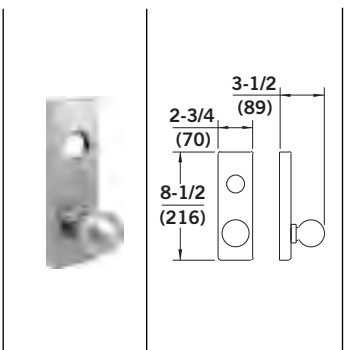
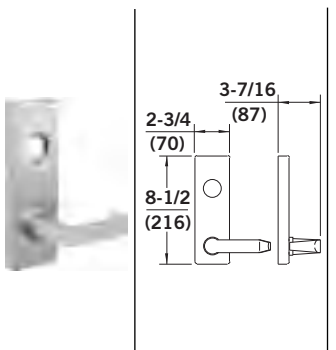
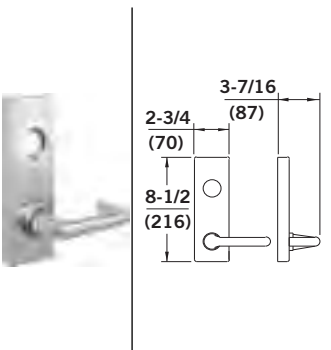
Trim			
Trim Descriptions	Raised Escutcheon Plate with Cylinder Hole (mortise)	Raised Escutcheon Plate Knob with Cylinder Hole (rigid trim)	Raised Escutcheon Plate Knob with Cylinder Hole (mortise x rigid trim)
Trim Designations	Y003M	YK03R	YK03MR
Handing	—	—	—
Function	03	03	03
DORMA Cylinder (default)	90X10SC158 – Mortise	80R20SC – Rim	90X10SC158 – Mortise
DORMA Cylinder (optional SFIC)	97D10BA134 – 7-pin IC	87R20BA – 7-pin IC	97D10BA134 – 7-pin IC

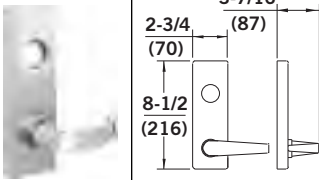
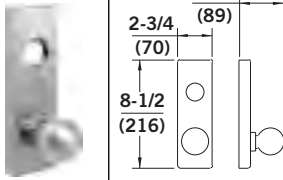
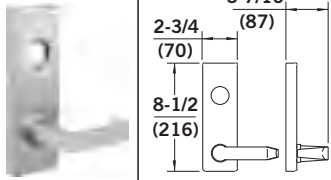
Trim			
Trim Descriptions	Raised Escutcheon Plate Rectangular Lever with Cylinder Hole (rigid trim)	Raised Escutcheon Plate Rectangular Lever with Cylinder Hole (mortise x rigid trim)	Raised Escutcheon Plate Tubular Lever with Cylinder Hole (rigid trim)
Trim Designations	YR03R	YR03MR	YT03R
Handing	—	—	—
Function	03	03	03
DORMA Cylinder (default)	80R20SC – Rim	90X10SC158 – Mortise	80R20SC – Rim
DORMA Cylinder (optional SFIC)	87R20BA – 7-pin IC	97D10BA134 – 7-pin IC	87R20BA – 7-pin IC

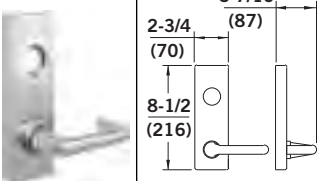
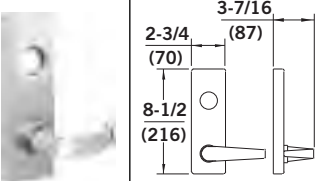
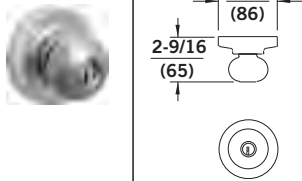
Trim

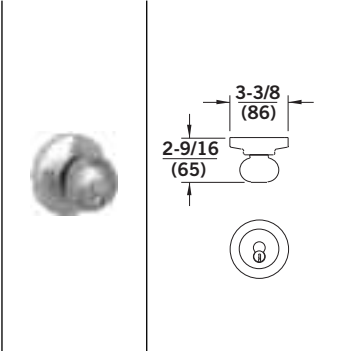
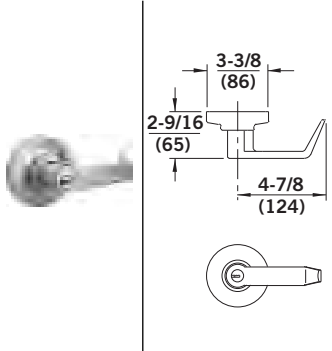
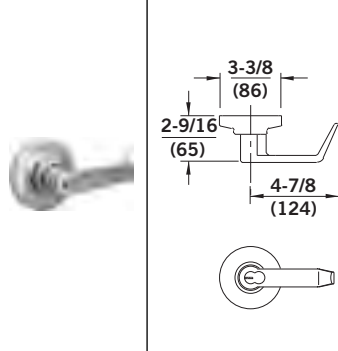
			
Trim Descriptions	Raised Escutcheon Plate Tubular Lever with Cylinder Hole (mortise x rigid trim)	Raised Escutcheon Plate Curved Lever with Cylinder Hole (rigid trim)	Raised Escutcheon Plate Curved Lever with Cylinder Hole (mortise x rigid trim)
Trim Designations	YT03MR	YC03R	YC03MR
Handing	—	—	—
Function	03	03	03
DORMA Cylinder (default)	90X10SC158 – Mortise	80R20SC – Rim	90X10SC158 – Mortise
DORMA Cylinder (optional SFIC)	97D10BA134 – 7-pin IC	87R20BA – 7-pin IC	97D10BA134 – 7-pin IC

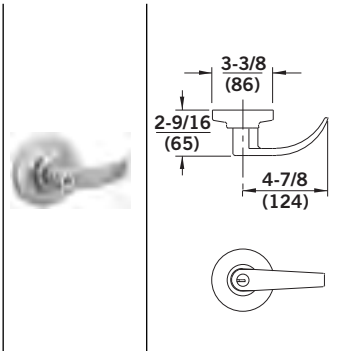
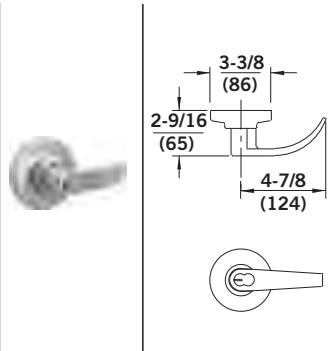
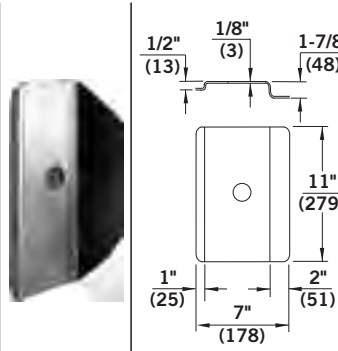
Trim

			
Trim Descriptions	Raised Escutcheon Plate Knob with Cylinder Hole	Raised Escutcheon Plate Rectangular Lever with Cylinder Hole	Raised Escutcheon Plate Tubular Lever with Cylinder Hole
Trim Designations	YK08M	YR08M, YR08MC	YT08M, YT08MC
Handing	—	Specify Hand YR08MC	Specify Hand YT08MC
Function	08	08	08
DORMA Cylinder (default)	90X10SC158 – Mortise	90X10SC158 – Mortise	90X10SC158 – Mortise
DORMA Cylinder (optional SFIC)	97D10BA134 – 7-pin IC	97D10BA134 – 7-pin IC	97D10BA134 – 7-pin IC

Trim			
Trim Descriptions	Raised Escutcheon Plate Curved Lever with Cylinder Hole	Raised Escutcheon Plate Knob with Cylinder Hole	Raised Escutcheon Plate Rectangular Lever with Cylinder Hole
Trim Designations	YC08M, YC08MC	YK08, YK09	YR08, YR08C, YR09, YR09C
Handing	Specify Hand YC08MC	—	Specify Hand YR08C, YR09C
Function	08	08, 09	08, 09
DORMA Cylinder (default)	90X10SC158 – Mortise	90X10SC118 – Mortise	90X10SC118 – Mortise
DORMA Cylinder (optional SFIC)	97D10BA134 – 7-pin IC	97X10BA138 – 7-pin IC	97X10BA138 – 7-pin IC

Trim			
Trim Descriptions	Raised Escutcheon Plate Tubular Lever with Cylinder Hole	Raised Escutcheon Plate Curved Lever with Cylinder Hole	Key-in-Knob
Trim Designations	YT08, YT08C, YT09, YT09C	YC08, YC08C, YC09, YC09C	K03, K08
Handing	Specify Hand YT08C, YT09C	Specify Hand YC08C, YC09C	Specify Hand
Function	08, 09	08, 09	03, 08
DORMA Cylinder (default)	90X10SC118 – Mortise	90X10SC118 – Mortise	Includes DORMA key-in-knob cylinder 7013SC KD
DORMA Cylinder (optional SFIC)	97X10BA138 – 7-pin IC	97X10BA138 – 7-pin IC	—

Trim			
Trim Descriptions	Key-in-Knob Interchangeable Core	Key-in-Rectangular Lever	Key-in-Rectangular Lever Interchangeable Core
Trim Designations	K03IC, K08IC	R03, R08	R03IC, R08IC
Handing	Specify Hand	Specify Hand	Specify Hand
Function	03, 08	03, 08	03, 08
DORMA Cylinder (default)	Accepts SFIC	Includes DORMA key-in-lever cylinder 7013SC KD	Accepts SFIC
DORMA Cylinder (optional SFIC)	77BAxxx – 7-pin IC	—	77BAxxx – 7-pin IC

Trim			
Trim Descriptions	Key-in-Curved Lever	Key-in-Curved Lever Interchangeable Core	Heavy-Duty Offset Pull with Cylinder Hole
Trim Designations	C03, C08	C03IC, C08IC	POF03HDA
Handing	Specify Hand	Specify Hand	Specify Hand
Function	03, 08	03, 08	03
DORMA Cylinder (default)	Includes DORMA key-in-lever cylinder 7013SC KD	Accepts SFIC	80R20SC – Rim
DORMA Cylinder (optional SFIC)	—	77BAxxx – 7-pin IC	87R20BA – 7-pin IC

NOTE: All operating trim furnished free wheeling as standard, except mortise devices.

Trim Options

Clutch Lever Trim –

Although mandated to meet ADA requirements, lever handles are especially subject to vandalism and damage. The **clutch** option for lever trim includes an internal slip clutch mechanism which allows the lever handle to break away without damage or violating security when excessive force is applied. The lever can be lifted back to horizontal to reset it.

An internal dead stop limits the break away to 55° of lever handle rotation. Specify suffix **C** to trim designation. Available only on YC, YG, YR, or YT trim.

Rigid Trim –

Rigid lever and knob option is available on YC, YG, YK, YR, and YT trim. Specify suffix **R** to trim designation.

Electrified Trim –

Electrified **Y** style trim with integral locking/unlocking option. Trim can be used with models DE9100/DEF9100 and DE9300/DEF9300. Available as fail-secure or fail-safe. Specify suffix **LFSC** (fail-secure) or **LFSF** (fail-safe) following trim designation. Available for the O9 function only. Electrified option also available with the 9500/F9500 mortise device which utilizes an electrified mortise lock design. Specify suffix following exit device designation, i.e. 9500LFSF. Available for all styles of trim with an O8 function. This option is not field-interchangeable between fail-secure and fail-safe.

All electrified trim options must use an ES100 power supply to prevent permanent damage to the electronics. Two devices can be powered by an ES100.

ES100 Power Supply

The ES100 Power Supply is capable of powering and controlling (1) DE9000 Series Exit Device.

- Input: 120 V.
- Input Circuit Protection: 1.3 A fuse.
- Output: 24 VDC, 6 A surge for 0.5 seconds, .65 A continuous, per zone.
- Output Circuit Protection: 3 A push to reset circuit breaker.
- Enclosure: 8" H × 8" W × 4" D NEMA 1 Type enclosure for indoor use with hinged cover and knock-outs.



ES105 Power Transfer

ES105 - Power transfer with stainless steel housing and flexible tube. Secure and inconspicuous channel to bring power from the frame to the door. Narrow, shallow channel easily mortises into door edges. Accepts up to 5/16" diameter wire bundle. Accommodates doors that swing open 120°. Unit is concealed when the door is closed. Suitable for wood, aluminum, or steel applications.

Finish:

Stainless: 630 (Satin).

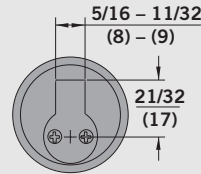


Mortise and Rim Cylinder Specifications

NOTES:

1. Reference specific trim on pages 12–18 for DORMA rim and mortise cylinder requirements.
2. Cylinder illustrations are for mortise cylinder requirements.

Mortise Cylinder



DORMA CAM #10

Key-in-Lever/Knob Cylinder Specifications

Trim K03, K08, R03, R08, C03, and C08 use a key-in-lever/knob cylinder.

DORMA 7013SC KD key-in-lever/knob cylinder included standard with trim.



Interchangeable Core Cylinder Specifications

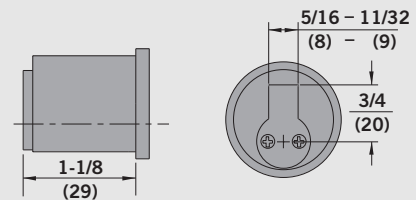
Trim K03IC, K08IC, R03IC, R08IC, C03IC, and C08IC use a small format interchangeable core cylinder.

Order DORMA cylinder:
77BA – 7-pin IC



Delayed Egress

DORMA cylinder 90X10SC118 included standard with delayed egress touchbar.



DORMA CAM #10

Sex Nuts

The information below serves as a simple reference when specifying DORMA DE9000 Series exit devices and trim (two per pack).

DE9100/DEF9100	3 packs
DE9100/DEF9100 w/trim	1 pack
DE9300	3 packs
DEF9300	4 packs
DE9300 w/trim	1 pack
DEF9300 w/trim	2 packs
DE9500/DEF9500	3 packs
DE9500/DEF9500 w/trim	1 pack

Security Screws

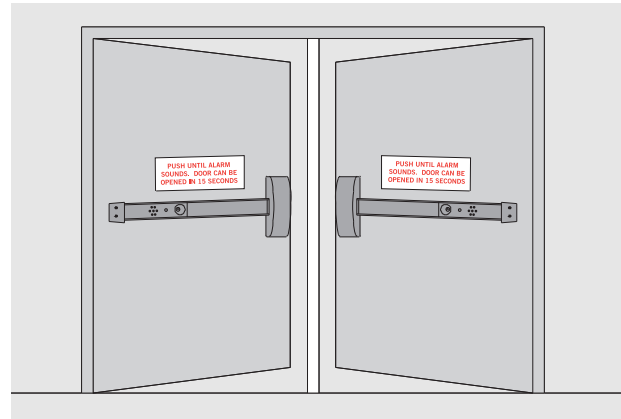
For applications where tamper-resistant security screws are required, specify **TX**. Note: special screw bits are required.

GK9000 Glass Lite Shim Kit

Contains two 1/8" thick shims. Permits shimming of the exit device maximum 1/4" off door face without affecting U.L. listing. Designed to accommodate glass lite installed in door. Furnished bright zinc plated. Optional finishes available, consult factory.

Removable mullions can be used with paired doors where a full-width opening is only occasionally required. Doors are fitted with rim-type exit devices and normally function as single doors. Available in 8' or 10' lengths.

NOTE: When using a mullion, refer to exit device template for minimum stile and vertical reference dimensions.



1310 Aluminum Mullion

- Meets demands of heaviest use areas.
- Durable extrusion.
- Supplied with wood/machine screws and anchors.

1310 - 8 – 8' mullion

1310 - 10 – 10' mullion

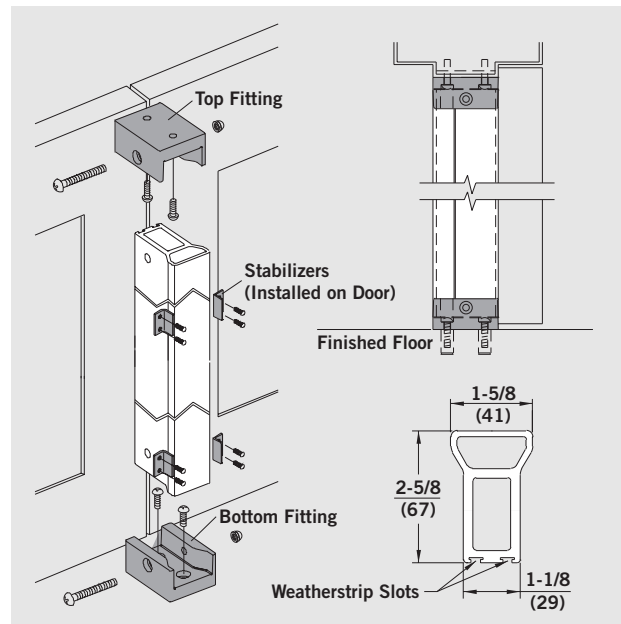
WS1310 - 8 – 8' mullion with weatherstrip

WS1310 - 10 – 10' mullion with weatherstrip

Finish:

Aluminum: 628 (Satin).

Bronze: 695 (Dark).



1330 Steel Mullion

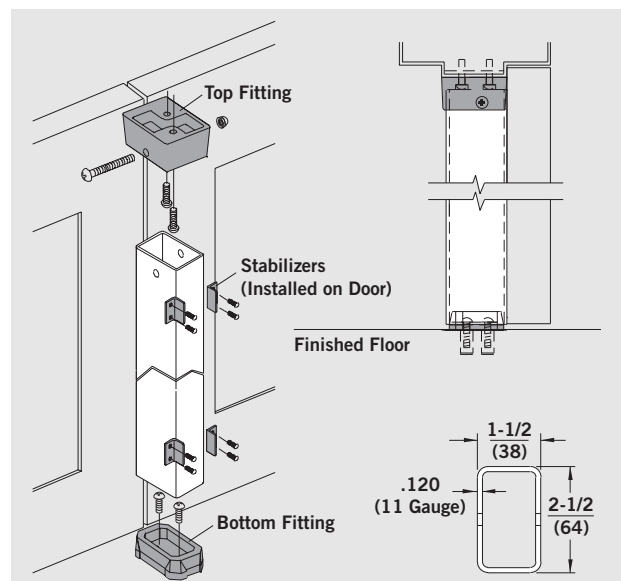
- Ideal for high-abuse areas such as schools.
- Meets demands of heaviest use areas.
- Heavy-gauge, smooth-surface steel construction.
- Attractive tube shape with rounded corners.
- Supplied with wood/machine screws and anchors.

1330 - 8 – 8' mullion

1330 - 10 – 10' mullion

Finish:

Prime: 600.

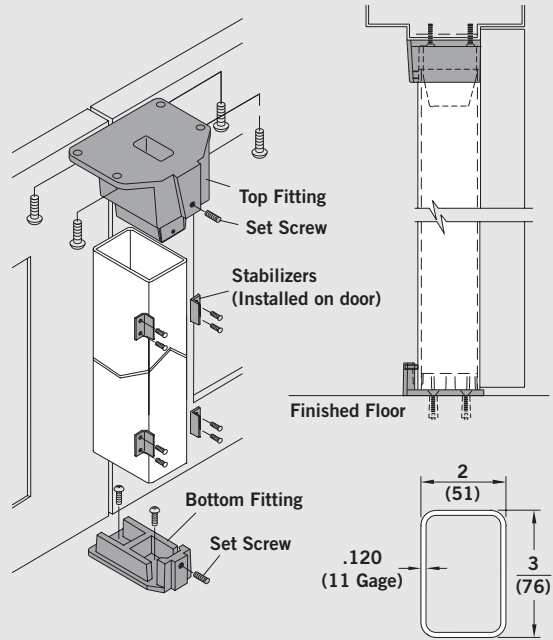


F1300 Steel Mullion

- For use with U.L. listed fire exit devices.
- Meets demands of heaviest use areas.
- Large top and bottom fittings for extra strength.
- Heavy-duty tube with rounded corners.
- Standard 8' length.
- Supplied with wood/machine screws and anchors.

F1300 - 8 - 8' fire-rated mullion
1300 - 8 - 8' non-fire-rated mullion
1300 - 10 - 10' non-fire-rated mullion

Finish:
 Prime: 600.



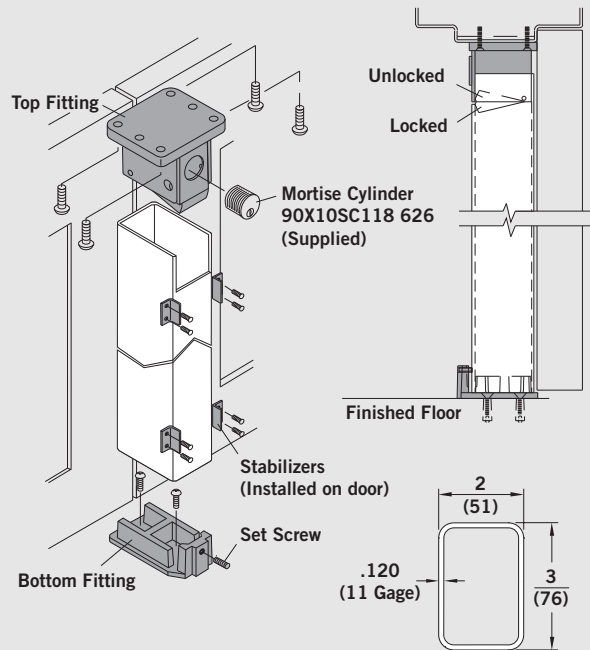
F1340KR Key Removable Steel Mullion

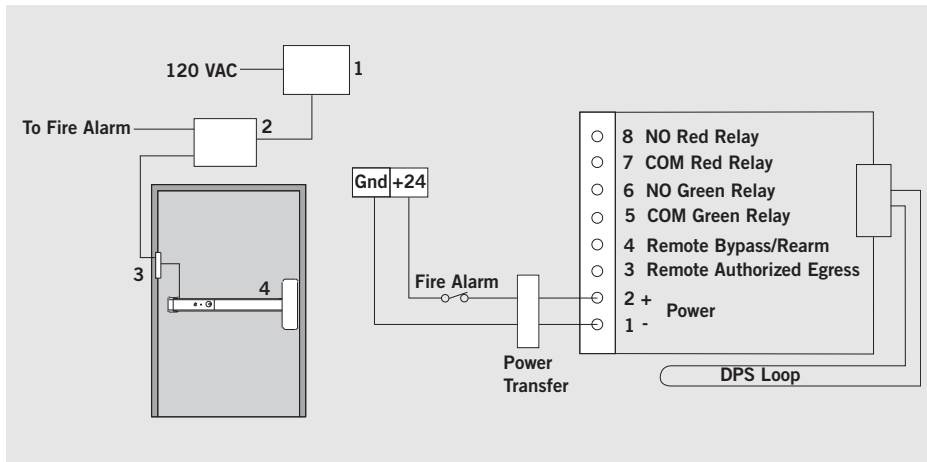
- Easily removable with key.
- Keying is standard 1-1/8" mortise cylinder with 01 (AR) cam.
- For use with U.L. listed fire exit devices.
- Meets demands of heaviest use areas.
- Large top and bottom fittings for extra strength.
- Heavy-duty tube with rounded corners.
- Standard 8' length.
- Supplied with wood/machine screws and anchors.

F1340KR - 8 - 8' fire-rated key removable mullion
1340KR - 8 - 8' non-fire-rated key removable mullion
1340KR - 10 - 10' non-fire-rated key removable mullion

Finish:
 Prime: 600.

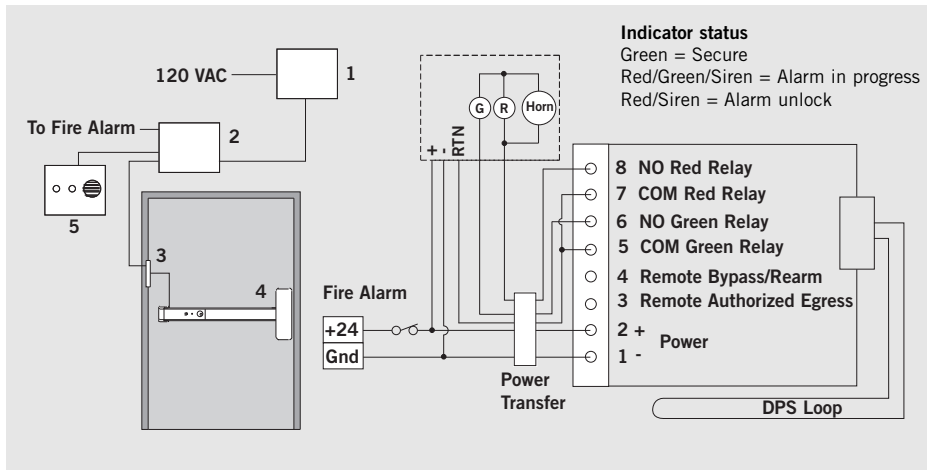
Optional DORMA SFIC:
 97D01BA138 - 7-pin IC





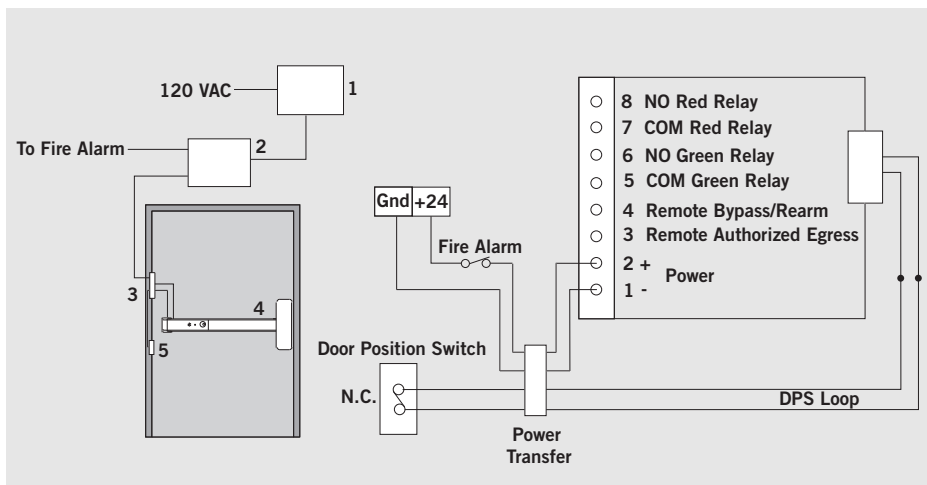
A single door with a DE9000 device, power transfer and ES100 power supply. With this configuration, the DE9000 will delay egress when armed and act as a normal exit device when turned off.

- 1 ES100 Power Supply
- 2 Junction Box
- 3 ES105 Power Transfer
- 4 DE9000 Device



A single door application with a DE9000 device, power transfer, ES100 power supply and remote console. With this configuration, the remote console monitors status of the device.

- 1 ES100 Power Supply
- 2 Junction Box
- 3 ES105 Power Transfer
- 4 DE9000 Device
- 5 Remote Console



A single door application with a DE9000 device, power transfer, ES100 power supply and door position switch. With this configuration the DPS loop is cut. Prohibits the door from being held or forced open while the device is armed.

- 1 ES100 Power Supply
- 2 Junction Box
- 3 ES105 Power Transfer
- 4 DE9000 Device
- 5 Door Position Switch

The examples above are just a few of the many possible configurations. When incorporating the DE9000 into a system with other electrical components, DORMA's Technical Services Department offers assistance with point to point wiring diagrams. Please contact them with specific requirements.



**DORMA Group
North America**
www.dorma-usa.com

DORMA Architectural Hardware
DORMA Drive, Drawer AC
Reamstown, PA 17567-0411
Telephone: (800) 523-8483
Facsimile: (800) 274-9724
E-mail: archdw@dorma-usa.com

DORMA Canada
1680 Courtney Park Drive, Unit 13
Mississauga, Ontario L5T 1R4
Telephone: (800) 387-4938
Facsimile: (905) 670-5850
E-mail: sales@dormacanada.com

DORMA Mexico, S. de R.L. de C.V.
Astrónomos 28, Col. Escandón
México, D.F. 11800
Del. Miguel Hidalgo
Telephone: (52+55) 5272-6937
Facsimile: (52+55) 5272-6948
E-mail: operacion@dorma.com.mx