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DORMA USA quality and environmental management systems in Reamstown, PA and Steeleville, IL are certified to ISO 9001:2008 and ISO 14001:2004.



Intertek



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DORMA 9000 SERIES PREMIUM EXIT DEVICES



Premium exit devices available in wide or narrow stile for high impact applications such as schools, universities, and other institutional or commercial buildings.

DORMA 9000 Series exit devices reliably secure egress doors in compliance with all applicable fire/life safety code requirements. Wide and narrow stile exit devices for high-impact applications are available in rim, mortise, and surface or concealed rod configurations in both fire and panic-rated versions. The DE9000 Series delayed egress exit device is available when security and safety are a concern.

9000 Series exit devices offer the specifier a selection of true architectural finishes and a full complement of electrified options, including alarmed exit, delayed egress exit, electric latch retraction, and device monitoring.

Wide Stile

The DORMA 9000 Series wide stile exit device features a heavy-duty cast chassis for superior durability, while the smooth reduced projection touchbar assembly minimizes catch hazards. The partial length touchpad permits field installation of options such as cylinder dogging and exit alarm. A full complement of free wheeling lever trim is available in a wide range of architectural finishes.

Narrow Stile

DORMA 9000 Series narrow stile exit device with a shortened touchbar is the ultimate solution when narrow stile doors require an exit device.

The heavy-duty cast chassis design permits installation on narrow stile doors where a standard device may not fit. The smooth projection touchbar assembly minimizes catch hazards. The partial length touchpad permits field installation of options such as cylinder dogging and exit alarm.

The DORMA 9000 Series narrow stile exit devices are available in a wide range of models and offer a full complement of free wheeling lever trim to meet most narrow stile door applications.

Delayed Egress

The DE9000 Series delayed egress exit device maximizes security and safety and offers ease of installation, job site function flexibility, and years of trouble free service.

The DE9000 is 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.

- Wide stile touchbar and rail, chassis, latch bolt covers, and end cap are fabricated and finished in true base metal. Narrow stile is the same except chassis cover is always brass and finished to match device.
- End cap for touchbar assembly furnished in complementary finish.
- Some models handed depending on outside operating trim and function.
- Most devices easily field-reversible.
- Fasteners provided for metal and wood door applications.
- Free wheeling, vandal-resistant trim standard.

DORMA 9000 SERIES WIDE & NARROW STILE EXIT DEVICES

Certification

- 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 standard U.L. 10C positive pressure testing. 
- Complies with NFPA 101 life safety code. Fire rated devices comply with NFPA 80 fire doors and windows.
- Devices, trim, pulls, and levers comply with the Americans for 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.
- Listed with the California Department of Forestry and Fire Protection, Office of the State Fire Marshal (wide stile devices only).
- Hurricane-code approved to Miami-Dade County Florida and Florida State Building Code acceptance (9300, 9400, 9500, 9700).

Specifications

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.

The partial-length touchpad assembly accommodates field installation of options such as cylinder dogging and exit alarm. Non-labeled units to have hex-key dogging standard. Fire rated versions available for labeled applications.

Surface 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.

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.

Optional Specifications

Non-labeled devices to have cylinder dogging. Mortise cylinder included. Specify **CD**.

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

All surface/concealed vertical rod devices to have extended top rod up to 10'. Specify **ETR** for 8', 9', or 10'.

All surface/concealed vertical rod devices to be furnished less bottom rod. Specify **LB**.

Devices to have motorized latch bolt retraction to provide remote access from the secure side of door. Can also be used to electrically dog/hold the exit push bar in a retracted position during non-secure hours (latch bolt is retracted). Specify **MLR**. (**MLR** is powered by the DORMA PS610 or PS532 power supply.)

Devices to have electric latch bolt retraction to provide remote access from the secure side of

door. Can also be used in conjunction with low energy/automatic door operator. Specify

ES. (**ES** must be powered by **PS-501** power supply and use **ES-105** power transfer)

Devices to have electric latch retraction option for battery back-up power supply (requires PS406BB or PS426BB power supply and ES105 power transfer). Specify **ESB**.

Devices to have a controlled delayed egress while simultaneously sounding a local and remote audible alarm. After the delay time has elapsed, unrestricted emergency egress is available. Specify **DE**. (Not available with 9400 or 9800.)

Devices to have a latch monitor to report the latch bolt status. Specify **LM**.

Devices to be furnished with two switches in the touchbar to provide notification when touchbar is depressed. Specify **MS**.

Devices to have latch monitor with monitor switches in touchbar. Specify **LM/MS**.

Devices to have latch monitor with monitor switches and a bypass to permit authorized exit. Specify **LM/MS BP**.

Devices to have one of the following exit alarm options: battery-powered exit alarm (**BPA**), battery-powered exit alarm with a 4-minute reset (**BPAR**), or direct hard-wired exit alarm (**DWA**).

Devices to use a vision lite shim kit to raise the device from the door surface to accommodate glass light molding. Specify **GK9000** (wide stile) or **GK9200** (narrow stile).

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

All concealed vertical rod devices installed in aluminum doors to be furnished with appropriate brackets for aluminum door applications. See page 12.

All devices to use tamper-resistant security screws. Specify **TX**.

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

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

Finishes

Architectural Finishes

- Brass: 605 (Bright) or 606 (Satin)
- Bronze: 611 (Bright), 612 (Satin), or 613 (Oxidized Satin)
- Nickel: 619 (Satin)
- Black: 693
- 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**
- Anti-Microbial: Specify **AM**

Warranty

For details, refer to **DORMA Limited Warranty** on our website at go.dorma.com/terms.

NOTES:

* No dogging available.

** The 9000 Series narrow stile bar lengths are designed for use on narrow stile aluminum entrance doors with a 1/2" blade stop frame. Other applications may require field cutting the bar.

9000 Series Data & Features	Model 9100	Model 9300	Model 9400	Model 9500	Model 9600	Model 9700	Model 9800
Wide Stile Exit Device	•	•	•	•	NA	NA	NA
Narrow Stile Exit Device	NA	NA	NA	NA	•	•	•
U.L. Listed for Hazard	•	•	•	•	•	•	•
U.L. Listed for Labeled Fire Doors (prefix F) *	○	○	○	○	○	○	○
Extended Life Cycle Testing	•	•	•	•	•	•	•
Latch Bolt Load Rated	NA	•	NA	NA	NA	•	NA
Size A Doors (34"-48") (touchpad 24-5/8")	○	○	○	○	NA	NA	NA
Size B Doors (28"-36") (touchpad 18-5/8") Default Wide	•	•	•	•	NA	NA	NA
Size C Doors (25"-30") (touchpad 15-5/8")	○	○	○	○	NA	NA	NA
Size D* Doors (25"-30", can be field cut 24") (touchpad 15-7/8")	○	○	○	○	NA	NA	NA
Size AA Doors (32-1/2"-48")** (touchpad 24-5/8")	NA	NA	NA	NA	○	○	○
Size BB Doors (27"-36")** (touchpad 18-5/8") Default Narrow	NA	NA	NA	NA	•	•	•
Size CC Doors (23-1/2"-36")** (touchpad 15-5/8")	NA	NA	NA	NA	○	○	○
Door Height up to 7' Default Vertical Rod	•	NA	•	NA	•	NA	•
Door Height up to 8' (Specify 8')	○	NA	○	NA	○	NA	○
Door Height up to 10' (over 8', specify actual door height and ETR)	○	NA	○	NA	○	NA	○
Door Thickness 1-3/4" to 2-1/4"	•	•	•	•	•	•	•
Door Thickness 2-1/4" to 3-1/2"	NA	NA	NA	NA	○	○	○
Device Non-Handed	NA	•	NA	NA	NA	NA	NA
Device Handed but Field Reversible	•	NA	•	NA	•	NA	•
Device Handed, Not Reversible	NA	NA	NA	•	NA	•	NA
Hex Key Dogging (non-listed units only)	•	•	•	•	•	•	•
Cylinder Dogging (non-listed units only)	○	○	○	○	○	○	○
Round Bottom Slide Bolt (specify SB)	•	NA	•	NA	•	NA	•
Deadlocking Pullman Type Bottom Latch Bolt (specify PB)	○	NA	○	NA	○	NA	○
Less Bottom Rod (specify LB)	○	NA	○	NA	○	NA	○
Full Length Touch Bar (Not Available DE)	○	○	○	○	○	○	○
Motorized Latch Bolt Retraction (specify MLR)	○	○	○	○	○	○	○
Electric Latch Bolt Retraction (specify ES)	○	○	○	NA	○	○	○
Monitor Switch in Touchbar (specify MS)	○	○	○	○	○	○	○
Latch Bolt Monitor (specify LM)	○	○	○	○	○	○	○
Latch Monitor/Monitor Switch (specify LM/MS)	○	○	○	○	○	○	○
Latch Monitor/Monitor Switch with Bypass (specify LM/MS BP)	○	○	○	○	○	○	○
Exit Alarm (specify BPA, BPAR or DWA)	○	○	○	○	○	○	○
Delayed Egress 15 sec (specify DE)	○	○	NA	○	○	○	NA
Clutch Style Lever Trim (specify C)	○	○	○	○	○	○	○
Rigid Lever Trim (specify R)	○	○	○	○	○	○	○
Magnetic Dogging (specify MD)	○	○	○	○	○	○	○
Motorized Dogging (specify MLR)	○	○	○	○	○	○	○
Glass Lite Shim Kit (wide stile, specify GK9000)	○	○	○	○	NA	NA	NA
Glass Lite Shim Kit (narrow stile, specify GK9200)	NA	NA	NA	NA	○	○	○
Security Screws (specify TX)	○	○	○	○	○	○	○
Sex Nuts (Specify SNB/Quantity)	○	○	○	○	○	○	○
Aluminum Door Latch Brackets. Specify ALD (9100/9600) or NS (9600)	•	NA	NA	NA	•	NA	NA
Hurricane Code Rated (specify HC)	NA	○	○	○	NA	○	○

• – Standard Feature ○ – Optional Feature NA – Not Applicable * ** See **NOTES** on previous page.

ANSI FUNCTIONS

ANSI Function	Function Description	Type 1 Rim Exit Device	Type 2 Surface Vertical Rod Exit Device
01	Exit Only – No Trim	9300 or F9300	9400 or F9400
02	Entrance by trim when actuating bar is locked down.	9300 x (trim) V102 / V302 PTT02 / PRT02 Yx02R / YK02R	9400 x (trim) V102 / V302 PTT02 / PRT02 Yx02R / YK02R
03	Entrance by trim when latch bolt is retracted by key. Key removable only when locked.	9300 or F9300 x (trim) V003 / V103 / V303, Y003 NPT03 / PTT03 / PRT03 Yx02R / YK02R 9x03J / 9x03 / 9K03 / 9K03J POF03HDA	9400 or F9400 x (trim) V003 / V103 / V303, Y003 NPT03 / PTT03 / PRT03 Yx03R / YK03R 9x03 / 9x03J / 9K03 / 9K03J
04	Entrance by trim when latch bolt is retracted by key or set in retracted position by key.	CD9300 x (trim) V003 / V103 / V303, Y003 NPT03 / PTT03 / PRT03 Yx03R / YK03R 9x03 / 9x03J / 9K03 / 9K03J POF03HDA	CD9400 x (trim) V003 / V103 / V303, Y003 NPT03 / PTT03 / RT03 Yx03R / YK03R 9x03 / 9x03J / 9K03 / 9K03J
05	Entrance by thumbpiece. Key locks or unlocks thumbpiece.	9300 or F9300 x (trim) HTT05/HRT05	9400 or F9400 x (trim) HTT05/HRT05
06	Entrance by thumbpiece only when released by key. Key removable only when locked.	9300 or F9300 x (trim) HTT06/HRT06	9400 or F9400 x (trim) HTT06/HRT06
08	Entrance by knob or lever. Key locks or unlocks knob or lever.	9300 or F9300 x (trim) Yx08 / YK08 Yx08C 9x08 / 9x08J / 9K08 / 9K08J	9400 or F9400 x (trim) Yx08 / YK08 Yx08C 9x08 / 9x08J / 9K08 / 9K08J
08x08	Entrance by lever. OS or IS key locks or unlocks lever.	F9300 x (trim) Yx08x08 / YK08x08	
09	Entrance by knob or lever only when released by key. Key removable only when locked.	9300 or F9300 x (trim) Yx09 / YK09 Yx09C	9400 or F9400 x (trim) Yx09 / YK09 Yx0C
22	Entrance by thumbpiece (no cylinder). Trim always active.	9300 or F9300 x (trim) HRT22/HTT22	9400 or F9400 x (trim) HRT22/HTT22
23	Entrance by knob or lever (no cylinder). Trim always active.	9300 or F9300 x (trim) Yx23 / YK23 9x23 / 9K23	9400 or F9400 x (trim) Yx23 / YK23 9x23 / 9K23

ANSI Function	Function Description	Type 3 Mortise Exit Device	Type 7/8 Wood/Metal Door Concealed Vertical Rod Exit Device
01	Exit Only – No Trim	9500 or F9500	9100 or F9100
02	Entrance by trim when actuating bar is locked down.	9500 x (trim) V102M / V302M PTT02M / PRT02M Yx02R / YK02R	9100 x (trim) V102CV / V302CV PTT02CV / PRT02CV Yx02R / YK02R
03	Entrance by trim when latch bolt is retracted by key. Key removable only when locked.	9500 or F9500 x (trim) V003M / V103M / V303M, Y003M NPT03M / PTT03M / PRT03M Yx03MR / YK03MR	9100 or F9100 x (trim) V003CV / V103CV / V303CV, Y003 NPT03CV / PTT03CV / PRT03CV Yx03R / YK03R 9x03 / 9x03J / 9K03 / 9K03J

NOTE: When a trim designation includes an x (such as Yx23), replace x with the letter or number assigned to the chosen lever style. For example, YR23 specifies lever style R. See page 34 for details.

ANSI Function	Function Description	Type 3 Mortise Exit Device	Type 7/8 Wood/Metal Door Concealed Vertical Rod Exit Device
04	Entrance by trim when latch bolt is retracted by key or set in retracted position by key.	CD9500 x (trim) VO03M / V103M / V303M, YO03M NPT03M / PTT03M / PRT03M Yx03MR / YK03MR	CD9100 x (trim) VO03CV / V103CV / V303CV, YO03 NPT03CV / PTT03CV / PRT03CV Yx03R / YK03R 9x03 / 9x03J / 9K03 / 9K03J
05	Entrance by thumbpiece. Key locks or unlocks thumbpiece.	9500 or F9500 x (trim) HTT05M / HRT05M	9100 or F9100 x (trim) HTT05CV / HRT05CV
06	Entrance by thumbpiece only when released by key. Key removable only when locked.	_____	9100 or F9100 x (trim) HTT06CV / HRT06CV
08	Entrance by knob or lever. Key locks or unlocks knob or lever.	9500 or F9500 x (trim) Yx08M / YK08M Yx08MC	9100 or F9100 x (trim) Yx08 / YK08 Yx08C 9x08 / 9R08J / 9K08 / 9K08J
09	Entrance by knob or lever only when released by key. Key removable only when locked.	_____	9100 or F9100 x (trim) Yx09 / YK09 Yx09C
22	Entrance by thumbpiece (no cylinder). Trim always active.	9500 or F9500 x (trim) HRT22M / HTT22M	9100 or F9100 x (trim) HRT22CV / HTT22CV
23	Entrance by knob or lever (no cylinder). Trim always active.	9500 or F9500 x (trim) Yx23M / YK23M	9100 or F9100 x (trim) Yx23 / YK23

ANSI Function	Function Description	Type 4 Rim Exit Device	Type 5 Surface Vertical Rod Exit Device	Type 6 Wood/Metal Door Concealed Vertical Rod Device
01	Exit Only – No Trim	9700 or F9700	9800 or F9800	9600 or F9600
02	Entrance by trim when actuating bar is locked down.	9700 x (trim) OP02 ZP02 Z x 02R / ZK02R	9800 x (trim) OP02 ZP02 Z x R02R / ZK02R	9600 x (trim) OP02 ZP02 Z x 02R / ZK02R
03	Entrance by trim when latch bolt is retracted by key. Key removable only when locked.	9700 or F9700 x (trim) Z003 ZP03 Zx 03R / ZK03R	9800 or F9800 x (trim) Z003 ZP03 Z x 03R / ZK03R	9600 or F9600 x (trim) Z003 ZP03 Z x 03R / ZK03R
04	Entrance by trim when latch bolt is retracted by key or set in retracted position by key.	CD9700 x (trim) Z003 ZP03 Z x 03R / ZK03R	CD9800 x (trim) Z003 ZP03 Z x 03R / ZK03R	CD9600 x (trim) Z003 ZP03 Z x 03R / ZK03R
08	Entrance by knob or lever. Key locks or unlocks knob or lever.	9700 or F9700 x (trim) Z x 08 / Z x 08C / ZK08	9800 or F9800 x (trim) Z x 08 / Z x 08C / ZK08	9600 or F9600 x (trim) Z x 08 / Z x 08C / ZK08
09	Entrance by knob or lever only when released by key. Key removable only when locked.	9700 or F9700 x (trim) Z x 09 / Z x 09C / ZK09	9800 or F9800 x (trim) Z x 09 / Z x 09C / ZK09	9600 or F9600 x (trim) Z x 09 / Z x 09C / ZK09
11	Entrance by thumbturn. Key locks or unlocks thumbturn.	9700 or F9700 x (trim) ZP11	9800 or F9800 x (trim) ZP11	9600 or F9600 x (trim) ZP11
12	Entrance by thumbturn when unlocked by key. Key removable only when trim is locked.	9700 or F9700 x (trim) ZP12	9800 or F9800 x (trim) ZP12	9600 or F9600 x (trim) ZP12

NOTE: When a trim designation includes an x (such as Zx23), replace x with the letter or number assigned to the chosen lever style. For example, ZR23 specifies lever style R. See page 63 for details.

ANSI Function	Function Description	Type 4 Rim Exit Device	Type 5 Surface Vertical Rod Exit Device	Type 6 Wood/Metal Door Concealed Vertical Rod Device
23	Entrance by knob or lever (no cylinder). Trim always active.	9700 or F9700 x (trim) Z x 23 / ZK23	9800 or F9800 x (trim) Z x 23 / ZK23	9600 or F9600 x (trim) Z x 23 / ZK23
25	Entrance by thumbturn and pull (no cylinder). Thumbturn always active.	9700 or F9700 x (trim) ZP25	9800 or F9800 x (trim) ZP25	9600 or F9600 x (trim) ZP25

NOTE: When a trim designation includes an x (such as Zx23), replace x with the letter or number assigned to the chosen lever style. For example, ZR23 specifies lever style R. See pages 63 for details.

APPLICATIONS & LISTINGS

Model	Door Material	Max. Door Opening	Door Ratings	Applications	
Single Doors					
Concealed Vertical Rod 9100	Wood/Steel	4' x 10'	Devices are panic listed only	Concealed (2) point latching	
Concealed Vertical Rod F9100	Steel	4' x 10'	3 Hour		
	Wood	4' x 10'	1-1/2 Hour		
Concealed Vertical Rod (Less Bottom Rod) 9100 LB	Wood/Steel	4' x 10'	Devices are panic listed only	Concealed (1) point latching	
Concealed Vertical Rod (Less Bottom Rod) F9100 LB	Steel	4' x 10'	3 Hour		
	Wood	4' x 10'	1-1/2 Hour		
Rim 9300	Wood/Steel	4' x 8'	Devices are panic listed only	Surface applied (1) point latching	
Rim F9300	Steel	4' x 8'	3 Hour		
	Wood	4' x 8'	1-1/2 Hour		
Surface Vertical Rod 9400	Wood/Steel	4' x 10'	Devices are panic listed only	Surface applied (2) point latching	
Surface Vertical Rod F9400	Steel	4' x 10'	3 Hour		
	Wood	4' x 10'	1-1/2 Hour		
Surface Vertical Rod (Less Bottom Rod) 9400 LB	Wood/Steel	4' x 10'	Devices are panic listed only	Surface applied (1) point latching	
Surface Vertical Rod (Less Bottom Rod) F9400 LB	Steel	4' x 10'	3 Hour		
	Wood	4' x 10'	1-1/2 Hour		
Mortise 9500	Wood/Steel	4' x 10'	Devices are panic listed only	Mortised (1) point latching	
Mortise F9500	Steel	4' x 10'	3 Hour		
	Wood	4' x 8'	1-1/2 Hour		
	Wood	4' x 10'	*1/3 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.

9300/F9300 WIDE STILE RIM EXIT DEVICES

The 9300 and F9300 present a simple, heavy-duty, easily installed solution where high quality panic and fire-listed

hardware is needed. The patented exit devices in the 9300 and F9300 Series are available in a full range of finishes and trim

options. The F9300 Series devices carry an "A" label for three-hour steel fire door applications.

Model	Function	Operation	Trim Model
9300 F9300	01	Exit Only (no trim)	
9300 F9300	DT	Dummy Trim	VODT  NPTDT  YODT 
9300	02	Entrance by trim when actuating bar is locked down.	V102  V302  PTT02  PRT02  YP02 
9300 F9300	03	Entrance by trim when latch bolt is retracted by key. Key removable only when locked.	VO03  V103  V303  NPT03  PTT03  PRT03  Y003  YP03 
CD9300	04	Entrance by trim when latch bolt is retracted by key or set in a retracted position by key.	VO03  V103  V303  NPT03  PTT03  PRT03  Y003 
9300 F9300	05	Entrance by thumbpiece. Key locks or unlocks thumbpiece.	HTT05  HRT05 
9300 F9300	06	Entrance by thumbpiece only when released by key. Key removable only when locked.	HTT06  HRT06 
9300 F9300	08	Entrance by knob or lever. Key locks or unlocks knob or lever.	YK08  Yx08 
F9300	08x08	Entrance by lever. Outside or inside key locks or unlocks lever.	YK08x08  Yx08x08 
9300 F9300	09	Entrance by knob or lever only when released by key. Key removable only when locked.	YK09  Yx09 
9300 F9300	11	Entrance by thumbturn and pull. Key locks or unlocks thumbturn.	Y011  YP11 
9300 F9300	12	Entrance by thumbturn and pull only when released by key. Key removable only when locked.	Y012  YP12 
9300	22	Entrance by thumbpiece (no cylinder). Trim always active.	HTT22  HRT22 
9300 F9300	23	Entrance by knob or lever (no cylinder). Knob or lever always active.	YK23  Yx23 

AUXILIARY EQUIPMENT

Alarms

The 9000 Series exit devices are available with an integral battery powered alarm. The 102 decibel alarm contained in the panic device touchbar and rail assembly activates when the touchbar is depressed and sounds continuously until the device is reset or the battery is completely discharged. Alternatively, a factory-furnished option allows the alarm to sound for four (4) minutes, then automatically rearm.

Furnished with and controlled by a lock cylinder and key, the unit allows ten (10) seconds to exit through the door after arming the alarm, indicated by an intermittently flashing red LED light in the touchbar. A yellow LED in the touchbar will flash until manually reset by key to indicate an unauthorized exit even if the alarm has automatically reset.

The unit is furnished with a 9 volt, industrial-grade battery concealed in the end cap assembly for easy replacement. A tamper-proof switch will activate the alarm if unauthorized removal of the battery is attempted. Option is available for 12 or 24 volt direct power wiring.

- Size **A** device fits 48" wide door and can be cut to fit 39" wide doors.
- Size **B** device fits 36" wide door and can be cut to fit 33" wide doors.
- Size **C** device fits 30" wide door.

- Specify **BPA** for battery alarm device.
- Specify **BPAP** for 4 minute auto reset battery alarm device.
- Specify **DWA** for direct hard-wired option.



TRIM OPTIONS

Clutch Lever Trim

Free wheeling, vandal-resistant lever standard, except on 9500 mortise devices. 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 **C** to trim designation. Specify hand.

Rigid Trim – Rigid lever and knob option. Specify **R** to trim designation.

Retrofit – For Von Duprin 98/99 Series Rim Devices. Specify **R1** (narrow and wide plate trim only).

Electrified Trim – Electrified **Y** style trim with integral locking/unlocking option. Trim can be used with models 9100/F9100, 9300/F9300 and 9400/F9400. Available as fail-secure or fail-safe. Specify **LFSC** (fail-secure) or **LFSF** (fail-safe) following trim designation. Available for the 09 function only. **Electrified trim options must use an ES100 power supply to prevent permanent damage to the electronics. Two devices can be powered by an ES100 device.**

Electrified option also available with the 9500/F9500 mortise device which utilizes an electrified mortise lock design to unlock hub of chassis. Specify following exit device designation, i.e. 9500LFSF (FAIL-SAFE) or 9500LFSC (FAIL-SECURE). Available for all styles of trim with an 08 function. This option is not field-interchangeable between fail-secure and fail-safe. **Electrified mortise locks must use a PS610RF power supply to prevent permanent damage to the electronics. Two devices can be powered by a PS610RF device.**