

VON DUPRIN®

WS9827/9927

WS9857/9957

Multi-point exit device



(WS9827 shown)

Overview

The Von Duprin 98/99 Series exit device is designed with durability to withstand the toughest of environments. The WS9827/9927 and WS9857/9957 multi-point two and three point exit device incorporate reinforced components to help ensure the building and its occupants are kept safe from wind and projectile debris. These devices are the leading choice for severe weather protection both the WS 27 and WS 57 device styles are certified to comply with building codes such as FEMA 361 and Florida Building Code. Making these devices ideal for Tornado Storm Shelter applications.

Since pioneering the first exit device in 1908, Von Duprin life safety products have provided unparalleled quality, performance and flexibility for schools, hospitals, stadiums and public buildings. These products come with the support and customer care only offered by Von Duprin. Providing the confidence and peace of mind that at critical moments of life safety.

Features and benefits

- Uniquely designed center case
- Vertical rods designed to reinforce the strength of the door
- Reinforced top and bottom latch housing with strengthening strap
- Stamped end cap mounting bracket
- Top soffit latch with reinforced ratchet release bracket
- Cast latch covers
- Stronger latch mounting screws
- Thru-bolted attachment points

WS9827/9927

Windstorm ratings

- Door applications
8'0" x 8'0" (2438mm x 2438mm) pairs (swinging same direction); 4'0" x 8'0" (1219mm x 2438mm) single (non-fire rated only) flush hollow metal
- Florida Building Code Compliance
Compliance to TAS 201, TAS 202, TAS 203; design load rating +150/-150 PSF (245 mph wind zone); Enhanced Hurricane Protection (EHPA) ASTM E1996; ANSI/ICC 500 (245 mph wind zone)
- UL-FEMA 361
Compliance to TAS 201, TAS 202, TAS 203; design load rating +150/-150 PSF (245 mph wind zone); Enhanced Hurricane Protection (EHPA) ASTM E1996; ANSI/ICC 500 (245 mph wind zone)

WS9857/9957

Windstorm ratings

- Door applications
4'0" x 8'0" (1219mm x 2438mm) single (panic and fire rated) flush hollow metal
- UL-FEMA 361
Certified 4'0" x 8'0" (1219mm x 2438mm) single (panic and fire rated) flush hollow metal
- These devices are listed with Steelcraft Paladin™ Doors for tornado listing and Steelcraft H and HE-Series Doors for hurricane listings

Specifications

Device functions	Device ships EO (Exit only). For TP (Thumbturn), K (Knob), or L (Lever). Remove NL drive screw from device
Device lengths	3': 2'4" to 3' (71mm to 914mm) Door size 4': 2'10" to 4' (864mm to 1219mm) Door size
Strikes	Bottom – 304L Unfinished
Dogging feature	Hex key dogging standard (Panic)
Dogging options	CD Cylinder Dogging LD Less Dogging
Electrical options	LX Latchbolt monitor switch RX Pushpad monitor switch RX-2 Double pushpad monitor switch ALK Alarm exit kit SS Signal switch QEL Quiet Electric Latch
Fasteners & sex bolts (SNB)	Includes 1 ¾" (44mm) Metal Doors SNB furnished for top & bottom latches and device (required)
Device centerline from finished floor	39 ½" (1003mm)
Door undercut	¼" (7mm)
Center case dimensions	8" x 2 ¾" x 2 ⅜"
Mechanism case dimensions	2 ¼" x 2 ¼" (57mm x 57mm)
Top & bottom latch case	4 ½" x 2 ½" x 1 ⅞" (114mm x 64mm x 48mm)
Vertical rods	½" (13mm) round tubing, standard rods accommodate 7' (2134mm) door Top rod length is 36 ¼" (921mm) Bottom rod length is 31 ¾" (806mm)
Projection	Pushbar Neutral – 3 ⅜" (97mm) Pushbar Depressed – 3 ⅛" (78mm)
Finishes	US3, US4, US10, US26, US26D, US28, 313, 315 and US32D* *US32D available on WS9827 and WS9857 devices only

Certifications

General certifications	Panic Hardware UL 305 Fire Exit hardware UL 10 C UL ANSI/ICC 500 F5 Tornado Applications
WS 9827/9927	Rating 3 hours pair of doors (double egress), 90 minute pairs (swinging same direction) Door size 8'0" x 8'0" (2438mm x 2438mm) hollow metal
WS 9857/9957	Rating 3 hours single door, Door size 4'0" x 8'0" (1219mm x 2438mm) hollow metal

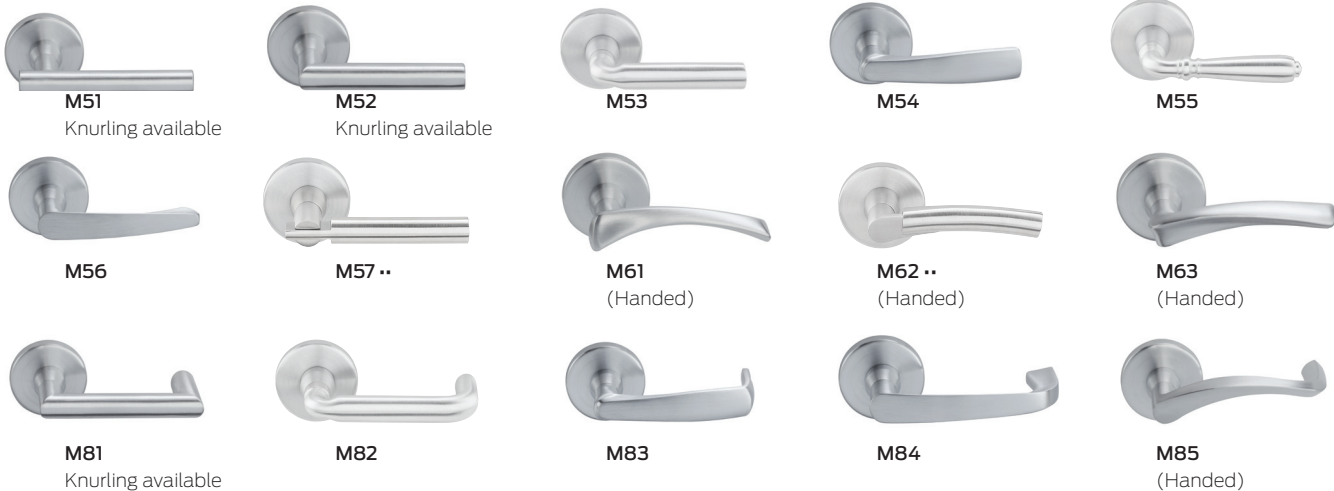


Trim guide

	Exit only (EO)	Thumbturn keylocks and unlocks	Thumbturn blank escutcheon	Lever key locks and unlocks	Lever blank escutcheon
Product description	WS9927EO WS9827EO WS9857EO WS9957EO	WS9827TL WS9927TL WS9857TL WS9957TL	WS9827TL-BE WS9927TL-BE WS9857TL-BE WS9957TL-BE	WS9827L WS9927L WS9857L WS9957L	WS9827L-BE WS9927L-BE WS9857L-BE WS9957L-BE
Trim	None	377Tx990DT	377T-BEx990DT	996L-R/V	996L-BE-R/V
Escutcheon plate size		2 9/16" x 5 1/2" x 2 5/8" (65mm x 140mm x 67mm)	2 3/4" x 10 3/4" x 27/32" (70mm x 273mm x 21mm)	2 3/4" x 10 3/4" x 27/32" (70mm x 273mm x 21mm)	2 3/4" x 10 3/4" x 27/32" (70mm x 273mm x 21mm)
Projection		3 1/4" (83mm)	3 1/4" (83mm)	2 7/8" (73mm)	2 7/8" (73mm)
ANSI function	1	11		8	
Cylinder type		1 1/4" (32mm) Mortise		Rim	
Required 425 sex bolt quantity	6	2	2	2	2

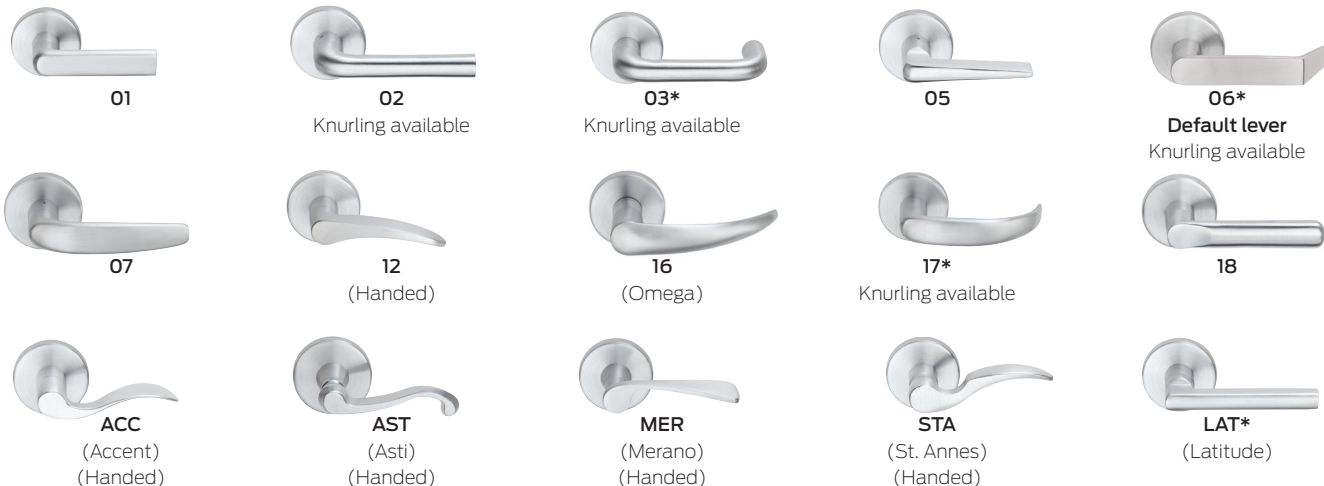
Lever styles

M Collection dec



.. Available in Stainless Steel substrate ONLY.

Standard levers



*Available in Stainless Steel - specify SS when ordering

Ordering information

WS - 98 - 27 - EO - 06 - F - ALK - 3' - US26 - LHR

Prefix	Series	Device style	Function	Lever style	Fire exit	Alarm kit	Device length	Finishes	Handing
1	2	3	4	5	6	7	8	9	10

Selections correspond with the numbers above.

See price book for specific configuration options.

1	Prefix
QEL	Quiet Electric Latch Retraction
LX	Latch Bolt monitoring
RX	Request to Exit
RX2	Double Request to Exit
SS	Signal Switch
WS*	Windstorm
*Must designate WS; may select more than one prefix.	
2	Series
98	Series 98 - smooth
99	Series 99 - grooved
3	Device Style
27	Two point latch mounted vertical rod device
57	Three point latch mounted vertical rod device
4	Function
EO	Exit Only
K	Knob
L	Lever (Classroom)
TL	Thumbturn

5	Lever style
	Standard
	Decorative
*See price book or product catalog for lever style options.	
6	Fire exit devices
F	Fire exit device
7	Alarm kit
ALK	Alarm kit
8	Device length
3'	Device (2'4" - 3' Door size)
4'	Device (2'10" - 4' Door size)
9	Finishes
US3	Brass, Polished
US4	Brass, Satin
US10	Bronze, Satin
US26	Chrome, Polished
US26D	Chrome, Satin
US28	Anodized, Aluminum
US32D*	Stainless Steel, Satin
313	Dark Bronze
315	Black
*For the WS9827 and WS9857 Devices only	

10	Handing
RHR	Right Hand Reverse
LHR	Left Hand Reverse

About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries. For more, visit www.allegion.com.

KRYPTONITE ■ LCN ■  ■ STEELCRAFT ■ VON DUPRIN



© 2019 Allegion
005162, Rev. 05/19
www.allegion.com/us