

**VON DUPRIN®**

22 Series

Exit devices



# Nomenclature – how to order

Prefix	Device series/type	Trim/rating	Suffix/finish	Door width	Handing	Less bottom rod/cable	Trim options/finish	Lever style	Strike options/finish	Accessories	Other information							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
RX	- 22	- 27	- L - F	- -	689	- 3'	- RHR	-	LBR	-	XX	- 06	-	XX	-	ALK	-	HMD

## Detail

### 1 Prefixes

<b>None</b>	Standard
<b>AX</b>	Accessible device
<b>HW</b>	Hurricane device - Wind-Only
<b>LD</b>	Less dogging
<b>LX</b>	Latch bolt monitoring
<b>LX-LC</b>	Latch bolt monitoring, low current
<b>LX-RX</b>	Latch bolt monitoring, request to exit
<b>LX-RX-LC</b>	Latch bolt monitoring, request to exit low current
<b>PL</b>	Pullman latch
<b>QEL</b>	Quiet electric latch retraction
<b>RX</b>	Request to exit
<b>RX2</b>	Double request to exit
<b>RX-LC</b>	Request to exit, low current
<b>WP-RX</b>	Waterproof request to exit

### 2 Device series

<b>22</b>	Series 22
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### 3 Device type

<b>None</b>	Rim device
<b>27</b>	Surface mounted vertical rod device

### 4 Trim functions

<b>EO</b>	Exit only
<b>DT</b>	Dummy trim
<b>K</b>	Knob (classroom)
<b>K-BE</b>	Knob - blank escutcheon <sup>2</sup>
<b>L</b>	Lever (classroom) <sup>1</sup>
<b>L-BE</b>	Lever - blank escutcheon <sup>2</sup>
<b>NL</b>	Night latch (key retracts latchbolt)
<b>NL-OP</b>	Night latch cylinder assembly, optional pull
<b>TP</b>	Thumbpiece
<b>TP-BE</b>	Thumbpiece - blank escutcheon <sup>2</sup>

### 5 Rating

<b>F</b>	Fire exit hardware
<b>Blank</b>	Panic exit hardware

### 6 Suffix

<b>CON</b>	Connectors
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### 7 Finish

<b>526</b>	Powder Coated Chrome
<b>622</b>	Powder Coated Matte Black
<b>689</b>	Powder Coated Aluminum
<b>695</b>	Powder Coated Dark Bronze

### 8 Door width

<b>3'</b>	Standard default	<b>Door thickness</b>	1 3/4" Standard; up to 2 1/4"
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**4'**

1 3/4" Standard; up to 2 1/4"

### 9 Handing

<b>LHR</b>	Left hand reverse
<b>RHR</b>	Right hand reverse

### 10 Less bottom rod/cable

<b>LBR</b>	Less bottom rod
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### 11 Trim options/finish

See trim options/finish for each device type

### 12 Lever style

<b>06</b>	Standard default (optional levers available)
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**03**  
**17**

### 13 Strike options/finish

See strike options/finish for each device type

### 14 Accessories

<b>ALK</b>	Alarm kit
<b>CYL</b>	Cylinder
<b>GBK</b>	Glass bead kit
<b>SEC</b>	Security screws
<b>SNB</b>	Through bolts

### 15 Other information

#### Door height

<b>7'</b>	Standard; advise if different
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#### Door material

<b>ALD</b>	Aluminum door
<b>HMD</b>	Hollow metal
<b>WD</b>	Wood door

#### Device center line

See specifications; advise if different than standard

#### Door application

<b>DE</b>	Double egress (surface vertical)
<b>PR</b>	Pair of doors (standard for surface vertical)
<b>SGL</b>	Single door (standard for rim)

#### Door listing

<b>3 hour</b>
<b>1 1/2 hour</b>
<b>1 hour</b>
<b>45 minute</b>
<b>20 minute</b>

1. L-NL not available.  
2. Passage

Note: Not all options are listed. See the specific device type pages for complete options available.

# 22 Rim exit device



22 Rim exit device for all types of single and double doors with mullion, UL listed for panic exit hardware. Devices are Grade 1 rated to ANSI A156.3, 2014. Devices cover stock hollow metal doors with 161 door prep cutouts. Fits door stiles as narrow as 3 13/16" (97 mm). The device is non-handed.

\*Not applicable with all strike and mullion combinations, consult factory.

### Specifications

Device functions	Ships ready for all functions, EO, DT, NL, TP, K, L		
Device lengths	3' (914 mm)		
	4' (1219 mm)		
	Note: See minimum door opening chart at bottom of page.		
Device centerline from finished floor	39 13/16" (1011 mm)		
	39 11/16" (1008 mm) with mullion		
Center case	4 5/32" (105 mm) x 3 3/16" (81 mm) x 2 3/8" (60 mm)		
Mechanism case	2" (51 mm) x 2 3/8" (60 mm)		
Projection	Push bar neutral - 3 1/16" (94 mm) push bar depressed - 2 7/8" (73 mm)		
Latch bolt	Deadlocking, 3/4" (19 mm) throw		
Finishes	526, 622, 689, 695		
Fasteners and through bolts (SNB)	Includes screw pack for 1 3/4" (44 mm) and 2 1/4" (57 mm) wood and metal doors; optional SNB available for device (see page 25 for quantities)		

Notes:

- Black end caps are standard for all finishes, with the exception of 526.
- Optional black metal end caps are available, order #900397 as a separate line item. Additional charges apply.
- All devices configured in 526 finish will be supplied with a metal endcap in 526 finish as standard.
- Order 900397-622 for the 622, 689, and 695 devices, and 900397-526 for the 526 device (service).

### Minimum door opening chart

Stop height	Strike	Single door	Double door w/mullion	Minimum door opening for 3' device*
1/2"	299	Yes	—	26.500" (673 mm)
1/2"	1439	Yes	—	25.687" (652 mm)
1/2"	299	—	4754 4854 4954	27.000" (686 mm)
1/2"	299	—	5654	25.812" (656 mm)
1/2"	1408	—	5754	25.750" (679 mm)
1/2"	1606	—	1654	26.562" (675 mm)
1/2"	299	Yes	—	26.750" (679 mm)
5/8"	1439	Yes	—	25.937" (659 mm)
5/8"	299	—	4754 4854 4954	27.125" (689 mm)
5/8"	299	—	5654	26.687" (678 mm)
5/8"	1408	—	5754	25.875" (657 mm)
5/8"	1606	—	1654	26.687" (678 mm)

\* For 4' device, add 6" (152 mm).

### Features and options

#### Electrified options

- ALK** Alarm exit kit
- CON** Allegion Connect
- LX** Latch bolt monitor switch
- LX-LC** Latch bolt monitoring, low current
- LX-RX** Latch bolt monitoring, request to exit
- LX-RX-LC** Latch bolt monitoring, request to exit low current
- QEL** Quiet electric latch retraction
- RX** Request to exit
- RX2** Double request to exit
- WP-RX** Waterproof request to exit

#### Mechanical options

- AX** Accessible device
- GBK** Glass bead kit
- HW** Hurricane device - Wind-Only

#### Dogging feature

Hex key dogging standard

#### Dogging options

- LD** Less dogging
- QEL option available

#### Strikes

299 – Dull black

#### Accessories



**299 Strike**  
Ships standard, optional strikes available.



**Hex key dogging**  
Comes standard on 22 rim exit devices.

## Device types

### 22-F Rim exit device



22-F Rim fire exit devices for all types of single doors up to 4' x 8' (1219 mm x 2438 mm) or 8' x 8' (2438 mm x 2438 mm) double doors with 9954 or 9854 mullion, UL listed for fire exit hardware. Devices are ANSI A156.3 – 2014 Grade 1. Fits door stiles as narrow as 4 3/8" (111 mm). The device is non-handed.

#### Specifications

Device functions	Ships ready for all functions, EO, DT, NL, TP, K, L
Device lengths	3' (914 mm) 4' (1219 mm) Note: See minimum door opening chart at bottom of page.
Device centerline from finished floor	39 13/16" (1011 mm) 39 11/16" (1008 mm) with mullion
Center case	4 5/32" (105 mm) x 3 3/16" (81 mm) x 2 3/8" (60 mm)
Mechanism case	2" (51 mm) x 2 3/8" (60 mm)
Projection	Push bar neutral - 3 11/16" (94 mm) push bar depressed - 2 7/8" (73 mm)
Latch bolt	Deadlocking, 3/4" (19 mm) throw
Finishes	526, 622, 689, 695
Fasteners and through bolts (SNB)	Includes screw pack for 1 3/4" (44 mm) and 2 1/4" (57 mm) wood and metal doors; optional SNB available for device (see page 25 for quantities)

#### Notes:

- Black end caps are standard for all finishes, with the exception of 526.
- Optional black metal end caps are available; order #900397 as a separate line item. Additional charges apply.
- All devices configured in 526 finish will be supplied with a metal endcap in 526 finish as standard.
- Order 900397-622 for the 622, 689, and 695 devices, and 900397-526 for the 526 device (service).

#### Minimum door opening chart

Stop height	Strike	Single door	Double door w/mullion	Minimum door opening for 3' device*
1/2"	299F/499F	Yes	—	26.500" (673 mm)
1/2"	299F/499F	—	KR/9854/9954	27.000" (686 mm)
5/8"	299F/499F	Yes	—	26.750" (679 mm)
5/8"	299F/499F	—	KR/9854/9954	27.125" (689 mm)

\* For 4' device, add 6" (152 mm).

#### Accessories



##### 299F Strike

Ships standard, optional strikes available.



##### 499F Strike

With 9854/9954 mullion.

#### Features and options

##### Electrified options

<b>ALK</b>	Alarm exit kit
<b>CON</b>	Allegion Connect
<b>LX</b>	Latch bolt monitor switch
<b>LX-LC</b>	Latch bolt monitoring, low current
<b>LX-RX</b>	Latch bolt monitoring, request to exit
<b>LX-RX-LC</b>	Latch bolt monitoring, request to exit low current
<b>QEL</b>	Quiet electric latch retraction
<b>RX</b>	Request to exit
<b>RX2</b>	Double request to exit
<b>WP-RX</b>	Waterproof request to exit

##### Mechanical options

<b>AX</b>	Accessible device
<b>GBK</b>	Glass bead kit
<b>HW</b>	Hurricane device - Wind-Only

##### Dogging option

No mechanical dogging  
QEL option available

##### Strikes

**299F** – Dull black, 499F with mullions

## Trim functions

Von Duprin protects your investment by empowering you to adapt with flexible solutions and modular options. The 22 Series features numerous trim options to serve your different needs. Designed with flexibility in mind, our solutions offer ease of adding new options as they are developed.

With Von Duprin, you can be confident that as the needs of your facility change, our products can be upgraded easily to meet your needs, especially as the mechanical and electronic technology converge. Von Duprin’s versatile design enables you to add functionality to existing devices in a cost-effective way, protecting your investment well into the future.

A variety of device trim lock type functions such as key lock and unlock, latch bolt retraction with key and no cylinder designs for an “always operable” function are available in levers, knobs, thumbpiece and thumbturn designs.

	<p><b>EO No outside trim</b></p> <ul style="list-style-type: none"> <li>Exit only</li> </ul>		<p><b>DT Dummy trim</b></p> <ul style="list-style-type: none"> <li>Pull when dogged (not recommended for fire device)</li> </ul>		<p><b>NL Night latch</b></p> <ul style="list-style-type: none"> <li>Key retracts latchbolt</li> <li>Rim and 1 ¼" mortise cylinder</li> </ul>
	<p><b>NLOP Night latch</b></p> <ul style="list-style-type: none"> <li>Key retracts latchbolt, pull required</li> </ul>		<p><b>TP Thumbpiece</b></p> <ul style="list-style-type: none"> <li>Key locks and unlocks</li> <li>Rim and 1 ¼" mortise cylinder</li> </ul>		<p><b>TPBE Thumbpiece, blank escutcheon</b></p> <ul style="list-style-type: none"> <li>Blank escutcheon always operable (no cylinder, use with DT trim)</li> </ul>
	<p><b>L Lever</b></p> <p><b>K Knob</b></p> <ul style="list-style-type: none"> <li>Key locks and unlocks</li> <li>Rim and 1 ¼" mortise cylinder</li> <li>Handed, reversible lever</li> <li>Electrified lever operation available</li> </ul>		<p><b>LDT Lever, dummy trim</b></p> <p><b>KDT Knob, dummy trim</b></p> <ul style="list-style-type: none"> <li>Pull when dogged</li> </ul>		<p><b>LNL Lever, night latch</b></p> <p><b>KNL Knob, night latch</b></p> <ul style="list-style-type: none"> <li>Key retracts latchbolt</li> <li>Rim and 1 ¼" mortise cylinder</li> <li>Handed, reversible lever</li> </ul>
	<p><b>LBE<sup>1</sup> Lever, blank escutcheon</b></p> <p><b>KBE Knob, blank escutcheon</b></p> <ul style="list-style-type: none"> <li>Always operable (no cylinder)</li> </ul>				

## Mechanical options

### Dogging options

#### Less dogging (LD)

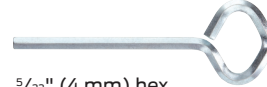
Less dogging is available on all 22 Series panic exit devices to remove the dogging option.

**To order, specify:** Use prefix LD, example LD22EO.

#### Dog keys

##### 227 Dog key (standard)

← 2 3/4" (70 mm) →



5/32" (4 mm) hex

##### 222 Dog key (old style)

← 2 3/16" (56 mm) →



7/32" (6 mm) hex

### Accessibility options

#### Accessible device (AX)

The AX device is a UL certified exit device designed to meet the progressive requirements of the California Building Code for accessible openings. This device meets the 5 lbs of operating force requirement called for in chapter 11B-309.4. The AX device also exceeds ANSI/BHMA requirements. Available devices include: AX22, AX22-F, AX2227LBR, AX2227-F LBR. Additionally, all AX devices will be shipped with a UL label clearly stating "Meets California building Code (2013) Sec. 11B-309.4" and an "AX" identifier label on device center case. See image for reference.



### Latches

#### Less bottom rod (LBR)

LBR option is available for panic and fire rated devices. For each pair of LBR fire rated devices, a spring loaded auxiliary fire bolt is furnished and must be installed in the lower door edge. When exposed to heat the auxiliary fire bolt releases, keeping the doors in alignment and closed during a fire.

LBR fire rated devices must be ordered in pairs or must be used in conjunction with an approved automatic or constant latching flush bolt. See UL fire chart for listing details on page 26.

#### Pullman latch (PL)

When PL is specified the standard latches are replaced at additional cost with pullman style latches. Pullman latches are most commonly used in conjunction with electric strikes and LBR applications. Not available with fire rated devices.

Not recommended where security is of the utmost importance since latches do not deadlock.