XP98/99 Rim exit device

XP98/99 Rim exit devices are designed for single and double doors with mullion that require increased security. The XP latch provides twice the static load force resistance of standard exit devices. The "smart" latch changes shape when subjected to external forces. This design enables the exit door to withstand an external attack and remain secure. Additionally, the patented latch bolt design provides greater, longer-lasting latch bolt to strike contact which is not easily affected by the twisting motion of a weakened frame, resulting in an opening that will remain strong. Devices are ANSI A156.3 - 2014 Grade 1 and UL listed for panic exit hardware. The rim device is non-handed except when the following device options are used: SD (special dogging) or -2 (double cylinder). See Opposite page for available outside trim and device functions. Covers stock hollow metal doors with 86 or 161 cutouts on single doors (may cover cutouts on pairs - consult template).







Finishes – US3, US3A, US4, US4A, US10, US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 and 643E. US15 and US32D available with 98 Series only.

Specifications

12 · Von Duprin · 98/99 Series

| Device functions Device ships EU/DI/NL, Field selectable, For TP, K of L remove NL drive screew from device. 90° fatch-to- strike contact Device lengths 3' 2'4' to 3' (711mm to 914 mm) Door size 4' 2'10" to 4' (864 mm to 1219 mm) Door size 90° fatch-to- strike contact Device centerline from finished floor 39° /" (1008 mm) with mullion Force resistance of 2,000+ lbs. Center case 8" x 2'./." x 2'./." (57mm x 57mm) Pushbar neutral – 3'/" (97 mm) Projection Pushbar neutral – 3'/" (97 mm) Bot retraction 90bits (SNB) Latch bolt Deadlocking, 1/" (19mm) throw Bot retraction 90bits (SNB) Electric options LX-LC RX Latchbolt monitor switch, RX2 Double pushpad monitor switch RX2 Double pushpad monitor switch RX2 Ouble pushpad monitor switch RX Neets NFPA 10 requirements EL Electric latch retraction CX Chexit delayed exit Self-contained controls, lockin alarm Mechanical options -2 Double cylinder with Security Indicator CON Allegion Connect Mechanical options -2 Double cylinder with Security Indicator AX Accessible device GBK Glass bead kit SNB Sec Security screws Sec Security screws - anaual dogging Dogging options SEC Security | Specifications | | XP |
|---|------------------|---|--|
| 4' 2'10" to 4' (864 mm to 1219 mm) Door size of 2,000+ lbs. Device centerline 39 °/-s" (1011 mm) of 2,000+ lbs. from finished floor 39 °/-s" (1008 mm) with mullion Center case 8" x 2'/-" x 2'/-" (203mm x 70mm x 60mm) Mechanism case 2/." x 2'/-" (57mm x 57mm) Projection Pushbar neutral – 3'/-s" (97 mm) Bott for pushbar depressed – 3'/-s" (78 mm) Latch bolt Deadlocking, */-" (19mm) throw Bodt for quantities. Coverts exit door to push-projection Fasteners and sex bolts (SNB) Includes screw pack for 1'/-" (44mm) and 2'/-" (57mm) thick metal or wood doors. Optional 425 SNB available, see page 13 for quantities. Coverts exit door to push-projection Electric options LX-LC Latchbolt monitor switch, low current RX Pushpad monitor switch, low current RX Neets NFPA 10. RX Duble pushpad monitor switch Weets NFPA 10. Celectric lacking and unlocking trim EL EL Electric locking and unlocking trim EL Electric locking sith security indicator Self-contained controls, lockin alarm Options -2 Double cylinder with Security Indicator -2 Double cylinder with Security indicator Mechanical options -2 Double cylinder dogging with security indicator -2 | Device functions | | •90 latch-to- |
| from finished floor 39 '/*" (1008 mm) with mullion Center case 8" x 21/*" x21/*" (203mm x 70mm x 60mm) Mechanism case 21/*" x 21/*" (37mm x 57mm) Projection Pushbar neutral – 3"/*" (97 mm) Pushbar depressed – 31/*" (17 mm) Both retraction * Latch bolt Deadlocking, '/*" (19mm) throw Fasteners and sex bolts (SNB) Includes screw pack for 11/*" (44mm) and 21/*" (57mm) thick metal or wood doors. Optional 425 SNB available, see page 13 for quantities. Electric options L'L-L L'L-L Latch bolt RX Pushpad monitor switch, low current RX RX2 Double pushpad monitor switch RX2 Double pushpad monitor switch RX2 Double cylinder retraction QEL Quiet electric latch retraction CX Con Allegion Connect Mechanical options -2 Double cylinder with Security Indicator AX Accessible device GBK Glase bead kit< | Device lengths | 4' 2'10" to 4' (864 mm to 1219 mm) Door | T OFCC TCSIStaries |
| Mechanism case 2'/*" x 2'/*" (57mm x 57mm) Projection Pushbar neutral – 3"/*" (97 mm) Pushbar depressed – 3'/*" (97 mm) Pushbar depressed – 3'/*" (78 mm) Latch bolt Deadlocking, '/." (19mm) throw Fasteners and sex bolts (SNB) Includes screw pack for 1'/." (44mm) and 2'/." (57mm) thick metal or wood doors. Optional 425 SNB available, see page 13 for quantities. CA Electric options LX-LC Latchbolt monitor switch, low current RX Pushpad monitor switch, low current RX CA Electric latch retraction OEL Quiet electric latch retraction QEL Quiet electric latch retraction CX CA Mechanical options -2 Double cylinder (specify handing) -2SI Double cylinder (specify handing) -2SI Double cylinder (specify handing) -2SI Double cylinder (specify handing) -2SI Double cylinder (specify handing) -2SI Electric latch retraction AX SNB Sex bolts SEC Security screws Dogging feature Hex key dogging standard CD Cylinder dogging with security indicator Dogging options CD Cylinder dogging with security indicator Connectors to connectors to connectors to connectors to to Dogging indicator< | | | |
| Projection Pushbar neutral – 3"/*" (97 mm) Pushbar depressed – 3 /*" (78 mm) Bott retraction Latch bolt Deadlocking, '/-" (19mm) throw Bott retraction Fasteners and sex bolts (SNB) Includes screw pack for 1'/-" (44mm) and 2'/-" (57mm) thick metal or wood doors. Optional 425 SNB available, see page 13 for quantities. Converts exit door to push-pr operation Electric options LX-LC RX Pushpad monitor switch, low current RX2 Methanitor switch RX2 Methanitor switch RX2 Methanitor switch RX2 EL Electric latch retraction QEL Quiet electric latch retraction CX Chexit delayed exit Methanitor equirements WP-RX Waterproof request to exit CON Allegion Connect EL Electric latch retraction Mechanical options -2 Double cylinder (specify handing) -2Si Double cylinder (specify handing) -2Si Electric latch retraction Dogging feature Hex key dogging standard CD Cylinder dogging CDSi CD CN Dogging options CD Cylinder dogging with security indicator HDSI Hex key dogging with security indicator HDSI Allegion Connectors to connectors to connectors to connectors to connectors to connector sto to connector sto the way to the | Center case | 8" x 2³/₄" x2³/₅" (203mm x 70mm x 60mm) | QEL |
| Projection Pushbar depressed – 3'/*" (19 mm) Pushbar depressed – 3'/*" (78 mm) Bolt retraction Latch bolt Deadlocking, 3'/*" (19mm) throw Fasteners and sex bolts (SNB) Includes screw pack for 1'/." (44mm) and 2'/." (57mm) thick metal or wood doors. Optional 425 SNB available, see page 13 for quantities. CM Electric options LX-LC Latchbolt monitor switch, low current RX Pushpad monitor switch RX Pushpad monitor switch Methanical Methanical QEL Quiet electric latch retraction Methanical QEL Quiet electric latch retraction Self-contained QEL Quiet electric latch retraction Self-contained options -2 Double cylinder with Security Indicator -8 AX Accessible device GBK Glass bead kit SNB Sex bolts -2 Double cylinder dogging - Alternative to manual dogging Dogging options CD Cylinder dogging with security indicator - Enables remote unlatching - Enables remote unlatching Dogging options CD Cylinder dogging (specify handing) - Enables remote unlatching - Common connectors to connect various door hardware, Dog | Mechanism case | 2 ¹ / ₄ " x 2 ¹ / ₄ " (57mm x 57mm) | |
| Fasteners and sex bolts (SNB) Includes screw pack for 1 ³ /." (44mm) and 2 ¹ /." (57mm) thick metal or wood doors. Optional 425 SNB available, see page 13 for quantities. door to push-pu operation Electric options LX-LC Latchbolt monitor switch, low current RX Pushpad monitor switch RX2 Obub pushpad monitor switch E ext sNFPA 10 requirements Electric options LX-LC Latchbolt monitor switch RX2 Neets NFPA 10 requirements · Meets NFPA 10 requirements EL Electric latch retraction QEL Quiet electric latch retraction CX · Meets NFPA 10 requirements Options -2 Double cylinder (specify handing) -251 · Self-contained controls, lockin, alarm options -2 Double cylinder (specify handing) -251 · Electric latch retraction options -2 Double cylinder (specify handing) -251 · Enables remote unlatching options -2 Double cylinder with Security Indicator AX · Enables remote unlatching Dogging feature Dogging standard · CON Dogging options CD Cylinder dogging with security indicator BD · Conmon connectors to connectors to con | Projection | . , | Bolt retraction v |
| Pasteners and sex bolts (SNB) Includes screw pack tor 17/2" (44mm) and 27/2" (57mm) thick metal or wood doors. Optional 425 SNB available, see page 13 for quantities. operation Electric options LX-LC Latchbolt monitor switch, low current RX Pushpad monitor switch, low current RX Chexit delayed exit Chexit delayed exit Electric options LX-LC Latchbolt monitor switch RX2 Double pushpad monitor switch E Meeta or wood doors. Optional 425 SNB available, see page 13 for quantities. Meeta or wood doors. Optional 425 SNB available, see page 13 for quantities. Electric options LX-LC Latchbolt monitor switch RX2 Double pushpad monitor switch E Meeta or wood doors. Options witch E Meeta or wood doors. Options of the pushpad monitor switch RX2 Neets NFPA 10 requirements QEL Quiet electric latch retraction CX Chexit delayed exit ALK Meeta or wood connect Self-contained controls, lockin, alarm Mechanical options -2 Double cylinder (specify handing) -2SI Double cylinder with Security Indicator E Mechanical options -2 Double cylinder dogging CDSI Cylinder dogging with security indicator HDSI E anables remote unlatching Alternative to manual dogging Dogging options CD Cylinder dogging with security indicator SD Special center case dogging (specify handing) | Latch bolt | Deadlocking, 3/4" (19mm) throw | |
| Electric optionsLX-LCLatchbolt monitor switch, low current RXPushpad monitor switch RX2Chexit delayed exitRX2Double pushpad monitor switch EElectric locking and unlocking trim EMeets NFPA 10' requirementsELElectric latch retraction QELQuiet electric latch retraction CXSelf-contained controls, locking alarmMechanical options-2Double cylinder (specify handing) -2SIDouble cylinder (specify handing) -2SIElectric latch retraction condect with Security Indicator AXElMechanical options-2Double cylinder with Security Indicator AXAccessible device GBKElDogging feature Dogging optionsHex key dogging standard CDCO Cylinder dogging with security indicator HDSICON Allegion connectDogging optionsCD CD Cylinder dogging with security indicator HDSICON CO Allegion connectDogging optionsCD CJCylinder dogging ropging indicator CDDogging optionsCD CJCylinder dogging with security indicator HDSIHex key dogging indicator CDLess dogging Dogging indicator CIDogging indicator CICON Common connect various door hardware connect various door hardware connect various door hardware connect various door hardware the way to the | | metal or wood doors. Optional 425 SNB availabl | e, |
| Mechanical options -2 Double cylinder (specify handing) -2SI Double cylinder with Security Indicator AX Accessible device GBK Glass bead kit SNB Sex bolts SEC Security screws Dogging feature Hex key dogging standard Dogging options CD CDSI Cylinder dogging with security indicator HDSI Hex dogging with security indicator SD Special center case dogging (specify handing) LD Less dogging DI Dogging indicator CON Common connect various door hardware the way to the | Electric options | RXPushpad monitor switchRX2Double pushpad monitor switchEElectric locking and unlocking trimELElectric latch retractionQELQuiet electric latch retractionCXChexit delayed exitALKAlarm exit kit | Chexit delayed exit • Meets NFPA 101 requirements • Self-contained controls, locking |
| Mechanical options-2Double cylinder (specify handing) -2SIElectric latch retractionAXAccessible device GBKGlass bead kit SNB- Electric latch retractionDogging feature Dogging optionsHex key dogging standard CD- CON Cylinder dogging retractionDogging optionsCDCylinder dogging with security indicator HDSI LD- CON Less dogging Dogging indicatorDogging optionsCON CONCON CON CON Allegion Connectors to connect various door hardware t the way to the | | | EL |
| Dogging optionsCDCylinder dogging CDSICONCDSICylinder dogging with security indicator HDSIHex dogging with security indicator SDAllegion ConnectorsSDSpecial center case dogging DILess dogging DICommon connect various door hardware the way to the | options | -2SIDouble cylinder with Security IndicatorAXAccessible deviceGBKGlass bead kitSNBSex boltsSECSecurity screws | Electric latch retraction • Enables remote unlatching |
| CDSICylinder dogging with security indicatorAllegionHDSIHex dogging with security indicatorAllegionSDSpecial center case dogging (specify handing)ConnectorsLDLess doggingConnectorsDIDogging indicatorConnect variousCICylinder dogging indicatordoor hardwarethe way to theConnect variousdoor hardware | | | |
| | Dogging options | CDSICylinder dogging with security indicatorHDSIHex dogging with security indicatorSDSpecial center case dogging (specify hLDLess doggingDIDogging indicator | anding) Allegion Connectors · Common connectors to connect various door hardware a |
| | Strikes | 909 – Dull black | |

XP Extra protection 90° latch-tostrike contact Force resistance

Bolt retraction via

door to push-pull

controls, locking,

Common connectors to connect various door hardware all the way to the power supply

RX **Pushpad monitor** atch retraction switch

CD

Signals use of an opening

Cylinder dogging

dogging Requires 1¹/₄"

Replaces hex key

mortise cylinder with inverted cam

- SPDT switch to
- monitor pushpad

ΔX

- Accessible device UL certified to
- meet new 5 lb. maximum operating force
- requirement Exceeds ANSI/ BHMA
- requirements

ALK

Alarm exit kit

- Unauthorized opening triggers 85-decibel horn
- Set in armed or disarmed mode by key



XP latch provides increased security

with its two piece

design.

| Standard trim | | | | | | |
|--|------------------------------------|--|--|------------------------|--|--|
| | EO No outside trim Exit only | DT Dummy trim Pull when dogged | NL Night latch Key retracts latchbolt | NL-OP | | |
| Product description | XP98EO XP99EO | XP98DT XP99DT | XP98NL XP99NL | XP98NL-OP XP99NL-OP | | |
| Trim description | _ | 990DT | 990NL-R/V | 110NL-MD 110NL-WD | | |
| Escutcheon plate size | _ | 3" x 14 ¹³ /16" x ³ /32" (76x360x2mm) | 3" x 14 ¹³ / ₁₆ " x ³ / ₃₂ " (76x360x2mm) | _ | | |
| Pull center to center | - | 51/2" (140mm) | 5 ¹ / ₂ " (140mm) | - | | |
| Projection | - | 2" (51mm) | 2" (51mm) | - | | |
| ANSI function | 01 | 02 | 03 | 03 | | |
| Cylinder type | - | - | Rim | Rim | | |
| Handing | - | - | - | - | | |
| Optional trim | x990EO x996EO | x996K-DT x996L-DT x696DT x697DT | x996K-NL x996L-NL x696NL x697NL | | | |
| Optional #425 SNB quantity for device | 6 | 2 | 2 | 6 | | |

| | L | L-NL | L-BE | L-DT |
|--|---|---|---|---|
| | Lever Key locks and unlocks | Lever – night latch Key retracts latchbolt | Lever – blank escutcheon Always operable (no cylinder) | Lever dummy trim pull when dogged |
| Product description | XP98L XP99L | XP98L-NL XP99L-NL | XP98L-BE XP99L-BE | XP98L-DT XP99L-DT |
| Trim description | 996L-R/V* | 996L-NL-R/V | 996L-BE-R/V* | 996L-DT |
| Escutcheon plate size | 2 ³ / ₄ " x 10 ³ / ₄ " x ²⁷ / ₃₂ " (70x273x21mm) | 2 ³ / ₄ " x 10 ³ / ₄ " x ²⁷ / ₃₂ " (70x273x21mm) | 2 ³ / ₄ " x 10 ³ / ₄ " x ²⁷ / ₃₂ " (70x273x21mm) | 2 ³ / ₄ " x 10 ³ / ₄ " x ²⁷ / ₃₂ " (70x273x21mm) |
| Pull center to center | — | - | — | — |
| Projection | 2 ⁷ /₀" (73mm) | 2 ⁷ /₃" (73mm) | 2 ⁷ /₅" (73mm) | 2 ⁷ /₃" (73mm) |
| ANSI function | 08 | 03 | 14 | 02 |
| Cylinder type | Rim | Rim | - | - |
| Handing | Handed/Reversible | Handed/Reversible | Handed/Reversible | Handed/Reversible |
| Optional #425 SNB quantity for device | 2 | 2 | 2 | 2 |

* Electrified lever operation available

Notes