

PX Series PushPad Openings



The PX Series offers an effortless yet effective means of egress while keeping the integrated look and feel of all Syntégra door systems. Used in applications where a full-length exit device is not required, the PX Series shares the same pushbar profile as in the full-size exit device to ensure continuity of design. The PX also features the same unique integrated lock case as all other Syntégra door systems, and offers many of the same mechanical and electrical options. Syntégra proves that smaller does not necessarily mean less when it comes to functionality.

Typical Installations

Single and egress pairs found in the following applications:

- Areas of Refuge – stairwell, elevator lobby, elevator cab
- Openings that do not require a full-size exit device for egress compliance

PX Series Benefits

The Syntégra Edge™

Tested Durability

- Heavy-wall aluminum construction
 - Pushpad holds retracted when the door is in the open position – maximizing the clear opening width and reducing damage
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Enhanced Security

- Patent-pending friction-limiting latchbolt with 7/8" throw
 - Available in top latching or top and bottom latching
 - Optional exterior lever with anti-abuse clutch
 - Latches and operating mechanisms concealed within steel door and protected from attack, abuse and tampering
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Versatility

- Extensive range of functions to fit most openings and applications
- Access control-ready with electrified lever and RX options
- Electrical options available in kit-form for future upgrades

Uncompromised Safety

- ITS listed for fire (UL10C) for single-point top latching or top and bottom latching
 - Pushpad fully retracts in the open position for maximum clear opening
 - Top latching instead of a side edge latchbolt and strike for singles and pairs prevents catching on clothing or equipment
 - Optional antimicrobial coatings available for healthcare, educational and other germ-sensitive environments
 - CleanVue – Simple hygienic release feature allows for full access to the pushbar for sanitizing without disassembly.
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Unequaled Aesthetics

- Minimized pushbar end caps with hidden fasteners provides clean, uninterrupted lines
- Pushpad available in architectural and décor-matching finishes
- Escutcheon-free levers available in popular styles and finishes
- Optional integrated top strike prep without the need for a surface mounted auxiliary plate
- Projection-type latchbolt minimizes top strike view and minimizes top door "notch" required by others
- No floor strikes required - Fire ratings without bottom latchbolts

PX Series Functions

Model #	ANSI Function*	Description
PX	01	Exit only, no trim.
PX	02	Entrance by fixed lever/pull when actuating bar is locked/dogged down. Non-rated openings only.
PX-LC	03	Entrance by fixed lever/pull when latch is released by key. Key removable only when locked (Nightlatch).
PX-LC	08	Entrance by lever. Key locks or unlocks lever.
PX-LC	09	Entrance by lever. Key removable only when locked (Nightlatch).
PX-LC2	10	Entrance by lever. Inside or outside key locks or unlocks lever. Outside key releases latch.
PX-C	13	Entrance by key.
PX-L	14	Entrance by lever. Always active, no cylinder.

* Equivalent ANSI/BHMA A156.3 functions used for reference.

Exterior Lever Options



01 - Square Lever



02 - Tubular Lever



03 - Curved Lever

Hardware Finish Options



- 313/10B Dark Bronze
- 606E Satin Brass
- 628 Satin Aluminum
- 629 Polished Stainless Steel
- 605E Polished Brass
- 630 Satin Stainless Steel

PX Series Hardware Specifications

Device Functions	Configured from the factory during the assembly of the door systems. See Function Chart for capabilities.
Fire Ratings	Listed for positive pressure fire tests (UL10C) with single-point top latching or top and bottom latching.
Pushpad Height	4"
Pushpad Width	8.25" (210 mm) for all opening widths.
Pushpad Projection - Extended	1-3/16" (30 mm)
Pushpad Projection - Depressed or with Door Held Open	3/16" (5 mm)
Pushpad Centerline	38-1/2" (978 mm) from finished structural floor (not including floor covering).
Pushpad Materials	6063-T6 Extruded Aluminum with finish inserts.
Strikes	Optional integrated top strike included with Syntégra KD and welded frames. Surface applied retrofit strike available (P/N TSK-1 Kit). Bottom strike 1/2" diameter hole threshold or surface strike (P/N BSK-1 Kit).
Electrical Options	RX – Request to Exit. Provides a switch closure when the exit device is actuated. RX2 – Same as above with two independent SPST switches. LM - Latchbolt monitoring. Switch mounted in top strike to provide notification that the door is secure. ELS - Electrified lever. Allows lever to rotate to retract the latch(es) when energized. Fail-Secure or Fail-Safe.
Mounting	Concealed fasteners on pushpad end caps, latches and handles.
Latchbolts	Top latching only standard with – 7/8" (22.2 mm) throw. Projection type Friction limiting-design with deadlatch feature. Bottom – Massive Stainless Steel 7/8" throw bolt with conical tip.
Optional Keyed Cylinder	Standard diameter Mortise Cylinder with "standard" cam. Can accept 1" cylinder length or greater. A 1" cylinder length does not require a collar. Anything above this cylinder length will require a spacer collar equal to the dimension in excess of 1". (Example 1-1/8" cylinder length requires a 1/8" collar). <div data-bbox="1136 1564 1380 1827" data-label="Diagram"> <p>The diagram shows a cross-section of a mortise cylinder. It features a top semi-circular cap and a central shaft. Dimension lines indicate: a radius of 721 (18.3) for the top cap, a diameter of 334 (8.5) for the shaft, and a total height of 950 (24.1) for the cap and shaft assembly.</p> </div>
Function 10 - Back-to-back Cylinders	Requires a 1/4" collar for a 1" cylinder length. For longer cylinders, add the dimension in excess of the 1" cylinder length to the collar thickness. (Example 1-1/4" cylinder length requires a 1/2" collar).