

XT Series Exit Device Openings



The flagship of Syntégra's integrated door systems is the XT Series, which combines the flexibility of a mortise lockset with the free egress safety of an exit device.

Building owners no longer have to sacrifice aesthetics for strength and durability because Syntégra door systems combine versatility, security and aesthetics into a complete package consisting of an integrated door, frame and hardware.

The sleek yet balanced full-length pushbar is recessed into the door face for a safe and accessible path of egress while complying with the strictest fire and life safety codes. Plus, the robust mechanisms and electrical functions are engineered to meet the most demanding and punishing commercial, medical and industrial environments.

Typical Installations

Single doors, pairs and double egress pairs found in the following applications:

- Areas of assembly – arenas, ballrooms, houses of worship, performing arts, recreation facilities and restaurants
- Areas of refuge – elevator lobbies and stairwells
- Areas of separation – cross corridor
- Paths of egress – building exits and ground floor stairwells

XT Series Benefits

The Syntégra Edge™

Tested Durability

- Heavy-wall aluminum construction
 - Pushbar holds retracted when the door is in the open position, maximizing the clear opening width and limiting damage
 - Exceeds ANSI/BHMA A156.3 Standards for Exit Devices
-

Enhanced Security

- Patent-pending friction-limiting latchbolt with 7/8" throw
 - Available in top latching or top and bottom latching
 - Exterior lever with anti-abuse clutch
 - Protected latches and operating mechanisms are concealed within the steel door and sheltered from attack, abuse and tampering
-

Versatility

- Extensive list of ANSI functions to fit most openings and applications
- Access control ready with latch retraction, electrified lever and RX options
- Electrical options available in kit-form allowing for future upgrades

Uncompromised Safety

- Listed for Panic Hardware (UL305) and for fire tests (UL10C) with single-point top latching or top and bottom latching.
 - Pushbar holds retracted when the door is in the open position maximizing the clear opening
 - Top latching instead of side edge latchbolt and strike for singles and pairs prevents catching on clothing or equipment
 - Optional antimicrobial coatings available for healthcare, education and other germ sensitive environments
 - CleanVue – Simple hygienic release feature allows for full access to the pushbar for sanitizing without disassembly.
-

Unequaled Aesthetics

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

XT Series ANSI/BHMA Functions

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

Exterior Lever Options



01 - Square Lever



02 - Tubular Lever



03 - Curved Lever

Hardware Finish Options



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

XT Series Hardware Specifications

Device Functions	Configured from the factory during the assembly of the door systems. See Function Chart for description.
Fire Ratings	Listed for Panic Hardware (UL305) and for positive pressure fire tests (UL10C) with single-point top latching or top and bottom latching.
Pushbar Height	4"
Pushbar Width	15 ¼" (387 mm) for 24" to 29-15/16" openings 18 ¼" (464 mm) for 30" to 35-15/16" openings 24 ¼" (641 mm) for 36" to 41-15/16" openings 30 ¼" (768 mm) for 42" to 51" openings
Pushbar Projection - Extended	1-3/16" (30 mm)
Pushbar Projection - Depressed or with Door Held Open	3/16" (5 mm)
Pushbar Centerline	38-1/2" (978 mm) from finished structural floor (not including floor covering).
Pushbar 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 ½" 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. ML - Motorized latch retraction quietly and efficiently retracts the latch(es) and pushbar when energized. Configured for fail-secure to comply to fire ratings. 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 pushbar 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 5/8" 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).
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).

