nexTouch™ Sectional Mortise

Touchscreen as shown when activated

Weather Resistant Seal

Lockout Mode

Low Battery Indication

9V Battery Power Backup

Reflections® decorative lever options available

Optional Security Deadbolt

Built-in DPS/ Deadlocking Function

How to Order

Sectional Mortise

Quantity	Lever Design	Series/Function	Technology	Finish	Hand*	Door Thickness	Cylinder	Strike
	AUR – Augusta MOR – Monroe PBR – Pacific Beach ARR – Arcadia CRR – Carmel JNR – Jefferson PNR – Pinehurst VIR – Virginia See page 21 for Reflections decorative lever options	NTM612 – Sectional mortise lock, key override, pushbutton keypad, no deadbolt NTM617 – Sectional mortise lock, key override, pushbutton keypad, with deadbolt NTM622 – Sectional mortise lock, key override, capacitive touchscreen, no deadbolt NTM627 – Sectional mortise lock, key override, capacitive touchscreen, with deadbolt NTM632 – Sectional mortise lock, no key override, pushbutton keypad, no deadbolt NTM637 – Sectional mortise lock, no key override, pushbutton keypad, with deadbolt NTM642 – Sectional mortise lock, no key override, capacitive touchscreen, no deadbolt NTM647 – Sectional mortise lock, no key override, capacitive touchscreen, with deadbolt	NR – Keypad only, no radio ZW2 – Z-Wave wireless communication	605 – Bright brass, clear coated 613E – Dark oxidized bronze - equivalent 626 – Satin chrome plated BSP – Black suede powder	RH LH	1-3/4" standard, up to 2-1/4" door thickness available	2153 cylinder standard, see pages 24-26 for additional options	2815 curved lip strike standard, see page 28 for additional options

*Lock is field reversible

Build Your Order String

Quantity	Lever Design	Series/Function	Technology	Finish	Hand	Door Thickness	Cylinder	Strike
Example:	AUR	NTM622	NR	626	RH	1-3/4	2153	2815

SECTIONAL MORTISE

Trim Designs

Sectional Mortise

AUGUSTA AUR
AU Lever Handle: Cast

2-9/16 (65) 3/8 (10)
2-1/4 (57)
4-1/2 (114)

MONROE MOR
MO Lever Handle: Cast

2-9/16 (65)
2-3/4 (70)
4-5/16 (110)

PACIFIC BEACH PBR
PB Lever Handle: Cast

2-9/16 (65)
2-3/4 (70)
4-5/8 (117)

ARCADIA ARR
AR Lever Handle: Cast

2-9/16 (65)
3-1/16 (78)

CARMEL CRR
CR Lever Handle: Cast

2-9/16 (65) 3/8 (10)
2-7/8 (73)
5 (127)

JEFFERSON JNR
JN Lever Handle: Cast

2-9/16 (65)
2-3/8 (60)
4-7/16

PINEHURST PNR
PN Lever Handle: Cast

2-9/16 (65)
2-7/8 (73)

VIRGINIA VIR
VI Lever Handle: Cast

2-9/16 (65)
2-1/2 (64)
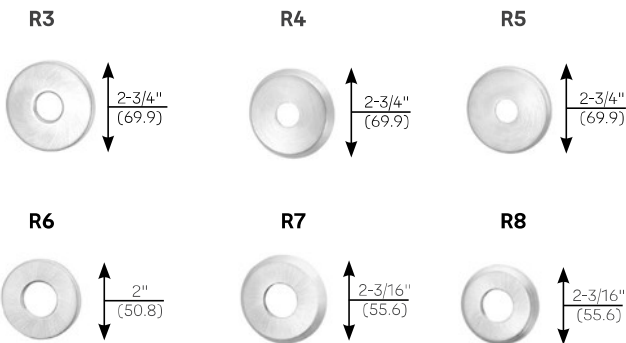17/32 (14)
5

Reflections® Decorative Trim

Yale nexTouch sectional mortise locks are available with Reflections lever trim, a comprehensive line of highly stylized lever handles. Reflections lever handles are made from solid brass or stainless steel and can withstand years of abuse. Available in an array of finishes, these levers complement any wood grain or other door exterior. Each lever is hand-polished and specially designed for ergonomics and style.

Hudson	Danube	Seine	Thames	Victoria	Niagara
TB	TE	TG*	TM	TT*	MA*
UB	TI	TO*	TN	TU*	RA*
TC		TJ*	TP	TV*	RB*
UC		TK*	TR	TW*	RC*
			TS	UW*	
			TQ	TX*	
				UX*	
				TY*	
				TZ*	

Reflections® Roses

R3

2-3/4"
(69.9)

R4

2-3/4"
(69.9)

R5

2-3/4"
(69.9)

R6

2"
(50.8)

R7

2-3/16"
(55.6)

R8

2-3/16"
(55.6)
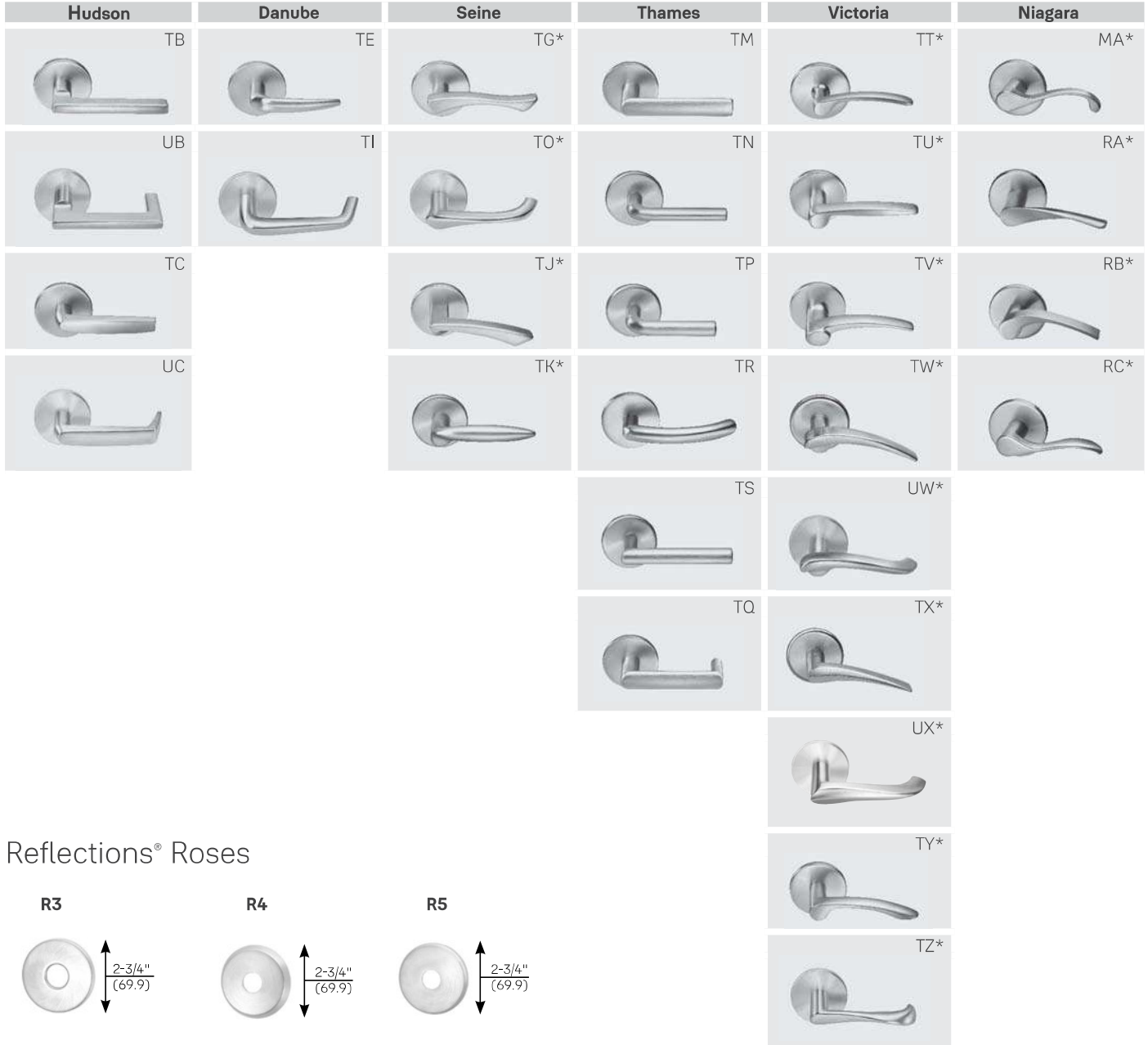
*Indicates levers that are handed.
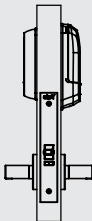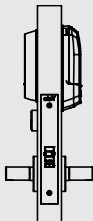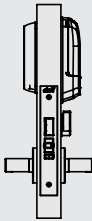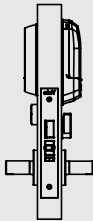
Finishes

Sectional Mortise

ANSI/BHMA Code Finish Description			
605 **Bright Brass, Clear Coated**	**613E** **Dark Oxidized Satin Bronze - equivalent**	**626** **Satin Chrome Plated**	**BSP** **Black Suede Powder Coat**

nexTouch™ Keypad Locks

Functions

Sectional Mortise

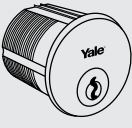| **NTM632 Pushbutton** **NTM642 Touchscreen**	**NTM612 Pushbutton** **NTM622 Touchscreen**
No Deadbolt Without Cylinder Override • For doors that do not require mechanical key override. • Latchbolt retracted by lever either side, except when outside lever is locked • Deadlocking latchbolt.	**No Deadbolt With Cylinder Override** • For doors that require mechanical key override. • Latchbolt retracted by lever either side, except when outside lever is locked. • When outside lever is locked, latchbolt is operated by key outside. • Deadlocking latchbolt.
Outside Inside	Outside Inside
NTM637 Pushbutton **NTM647 Touchscreen**	**NTM617 Pushbutton** **NTM627 Touchscreen**
Deadbolt without cylinder override • Latchbolt retracted by lever either side, except when outside lever is locked. • Deadbolt operated by thumbturn inside. • When deadbolt is projected, lever is automatically locked. • Anti-panic operation. Operating inside lever automatically retracts latch bolt and deadbolt with outside lever remaining locked. • Deadlocking latchbolt.	**Deadbolt with cylinder override** • Latchbolt retracted by lever either side, except when outside lever is locked. • Deadbolt operated by key outside, thumbturn inside. • When outside lever is locked, latchbolt and deadbolt are operated by key outside. • When deadbolt is projected, lever is automatically locked. • Anti-panic operation. Operating inside lever automatically retracts latchbolt and deadbolt with outside lever remaining locked. • Deadlocking latchbolt.
Outside Inside	Outside Inside

Cylinders

Sectional Mortise

Conventional Cylinders

| Illustration	Cylinder Model Number	Application	Cam	Length	
				6-Pin	**7-Pin**
	2153	Standard cylinder	2160	1-1/8" 1-1/4" 1-3/8" 1-1/2" 1-5/8" 1-3/4"	1-1/4" 1-3/8" 1-1/2" 1-5/8" 1-3/4"
	2153S	For inside operation of 8817-2 and 8834-2 functions only	2130		
	2123	Cylinder for longer lengths	2160	1-7/8" thru 3-1/2" in 1/8" increments*	
	2123S	For inside operation of 8817-2 and 8834-2 functions only for longer lengths	2130		
	2719	For hotel/motel locks 8820, 8827 and 8832	2160	1-3/8"	—

*Contact Technical Product Support for cylinder collar requirements when ordering these cylinders separately. See page 27 for other collar requirements.
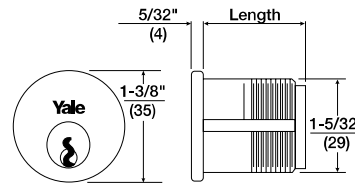
Interchangeable Core Mortise Cylinders

Cylinder Model Number	Application	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
2196	Standard Cylinder	2160	1-1/2", 1-3/4", 2"	6	2221	1210
2197	Standard Cylinder	2160	1-11/16", 2"	7	2213	1220

Note: When ordering interchangeable core cylinders or cores only, control keys are not furnished. If control keys are required they must be ordered separately.
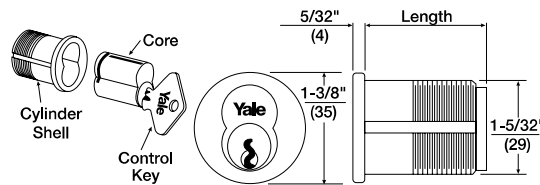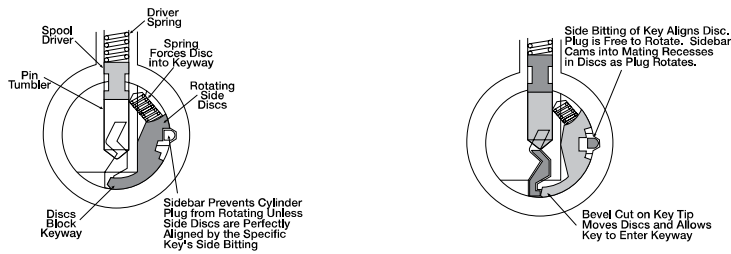
Cylinders

Sectional Mortise (Continued)

Security Cylinders

Security cylinders contain two independent locking mechanisms. The first is a traditional 6- or 7-pin tumbler mechanism with spool drivers for greatly increased picking resistance.

The second is an innovative 5-tumbler rotating disc mechanism with sidebar engagement. The rotating discs are spring loaded and block the bottom of the keyway.

Illustration

Security/High Security Mortise Cylinders

Model Number	Application	Cam	Length	
			6-pin	7-pin
5153/U5153	Standard Cylinder	2160	1-1/8" 1-1/4"	1-1/4"

Security Interchangeable Core Mortise Cylinders
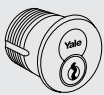
Cylinder Model Number	Application	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
5196	Standard Cylinder	2160	1-1/2"	6	2221	5210
5197	Standard Cylinder	2160	1-11/16"	7	2213	5220

Note: When ordering interchangeable core cylinders or cores only, control keys are not furnished. If control keys are required they must be ordered separately.

Cylinders

Sectional Mortise (Continued)

Other Manufacturers' Keyway Cylinders/Cores

Illustration	Model Number	Type	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
	A620	Small Format IC Mortise, includes Best® Keyway Core. Available keyed random, master keyed or uncombinated. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M.	KC1	1-1/4"	6	K660	A600
				1-3/8" 1-3/4"	6 or 7		
	2553	Fixed Core Mortise Schlage® "C" Keyway Cylinder. Available 0-bitted or keyed random.	2160	1-1/8"	6	N/A	N/A

Yale® Keymark®

For those applications requiring protected key control, Yale® KeyMark® cylinders guard against unauthorized key duplication. The Yale KeyMark Security Leg® keyway feature increases resistance against picking and impressioning and can easily retrofit into existing systems. For further details and availability, refer to the separate Yale KeyMark catalog.

Protected Keyway Mortise Cylinders

| Model Number	Type	Cam	Length	Pins	Housing Only Model Number	Core Only Model Number
K100	Fixed Core Mortise	KC1	1-1/8", 1-1/4" 1-1/2", 1-3/4" 2"	6 or 7	N/A	N/A
K820	Large Format IC Mortise	KC1	1-1/2", 1-3/4" 2"	6	K860	K800
			1-11/16" 1-3/4", 2"	7		
K620	Small Format IC Mortise	KC1	1-1/4"	6	K660	K600
			1-3/8", 1-3/4"	6 or 7		
K630	Small Format IC Mortise-Tapered	KC1	1-1/4"	6	K670	K600
			1-3/8"	6 or 7		

Cylinder Collars

Sectional Mortise

Cylinder collars are supplied as standard where required with those locksets supplied with cylinders. Collar size and thickness are supplied to suit the length of the cylinder, the thickness of the door and the trim ordered. (If door thickness is not specified, collars will be furnished for 1-3/4" (44mm) door.)

Collar length required must be specified for cylinders and/or housings ordered separately.

1765 Recessed Cylinder Collar
"A" Dimension: Thicknesses from 1/16"
(2mm) to 1-15/32"
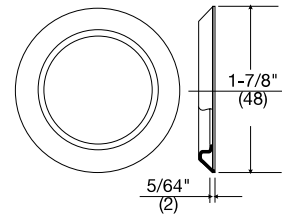(37mm) as required.
Material: Brass, Stainless Steel

"A"

1-1/2"
(38)
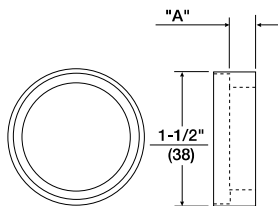
1766 Step Collar for U5109 and U5153
High Security Cylinders.
Material: Stainless Steel

11/64"
(4)

1-3/4"
(44)

1-9/16"
(40)

1/4"
(6)
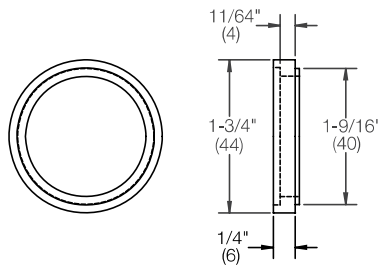
KP3 Wave Washer
(Furnished standard with 1765 collar for Yale® KeyMark® cylinders only).

KP4 Flush Mount Cylinder Collar
Material: Brass, Bronze

1-7/8"
(48)

5/64"
(2)

Strikes

Sectional Mortise

Yale nexTouch Keypad Sectional Mortise Locks come standard with a 2815 Curved Lip Strike with a 1-1/4" (32mm) lip length. The strike supplied will accommodate the locking function, i.e. latchbolt and/or deadbolt, and can be installed on doors 1-3/4" (44mm) thick. These strikes are non-handed.

Material: Brass, Bronze, Stainless Steel.

Longer/Shorter Lip Lengths: Mortise lock strikes are mounted 3/8" above the center line of the lock. To determine the proper length of lip use the following formula:

1/2 of the door thickness, plus 1/16" inset, plus trim thickness, plus 1/8" for flat lip strike OR 1/4" for curved lip strike. Select the nearest available length.

2815 Curved Lip:
1-1/4" (32mm) standard
Available for special order:
1-1/8" (29mm)
1-3/8" (35mm)
1-1/2" (38mm)
1-5/8" (41mm)
1-3/4" (44mm)
1-7/8" (48mm)
2" (51mm)
2-1/8" (54mm)
2-1/4" (57mm)

2816 Flat Lip (Available for special order only):
7/8" (22mm)
1" (25mm)
1-1/8" (29mm)
1-1/4" (32mm)
1-1/2" (38mm)
1-3/4" (44mm)
2" (51mm)
2-1/4" (57mm)
2-1/2" (64mm)
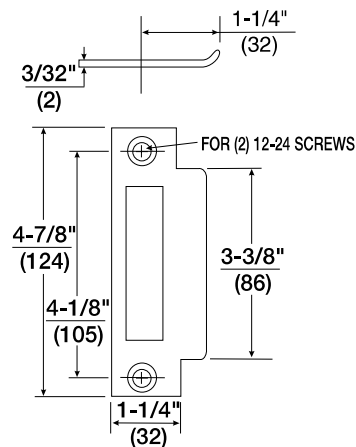
**2815 Curved Lip Strike
(1-1/4"/32mm standard)**

nexTouch™ Keypad Locks

Dimensions

Sectional Mortise

5-1/4"
(133mm)

10-1/2"
(267mm)

15/16"
(24mm)

1-7/16"
(37mm)

6-5/16"
(160mm)

10-7/8"
(276mm)
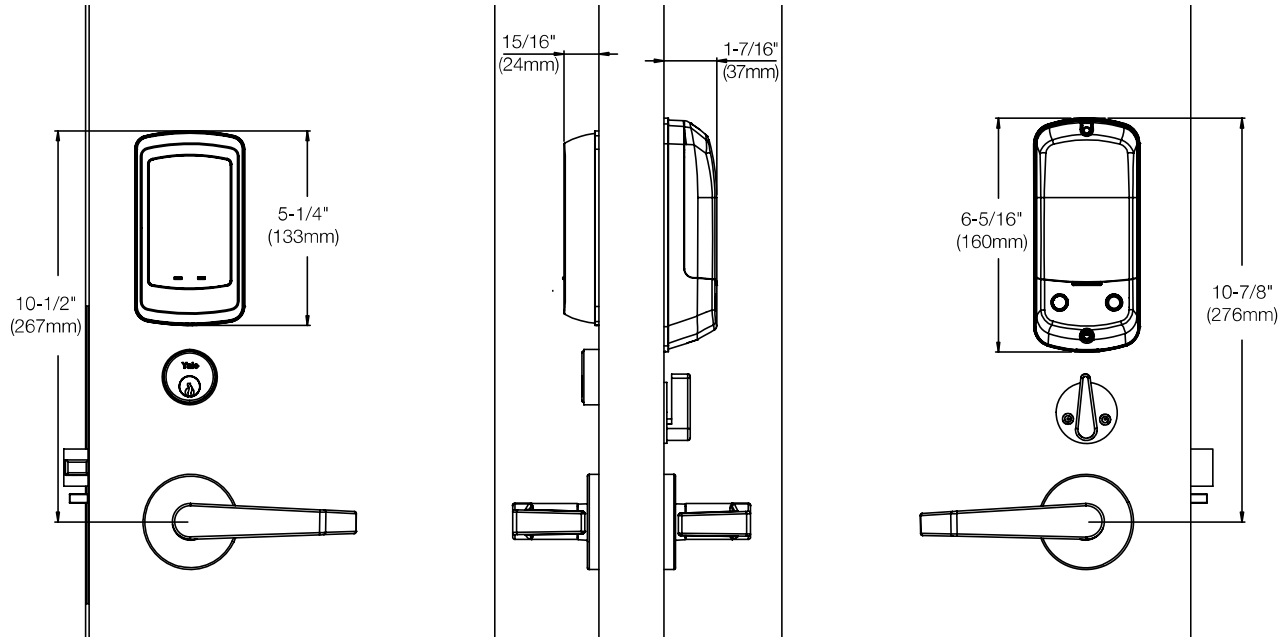
Dimensions given in inches (mm).

Technology Options

Sectional Mortise

NR	Keypad only, no radio
ZW2	Z-Wave wireless communication

Yale Accentra™ Data-on-Card module available only through Authorized Channel Partners. If you require another module not listed in this catalog, please contact your local ASSA ABLOY Door Security Solutions sales representative.
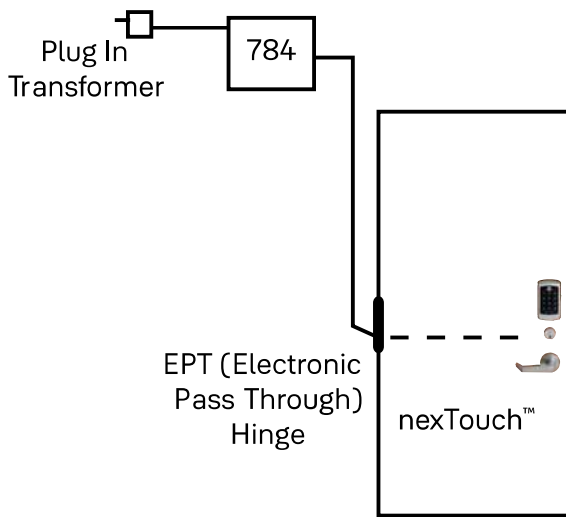
Z-Wave Module

Options and Accessories

Sectional Mortise

Model/Part Number	Description
784	Optional remote 9VDC power supply with plug-in wall transformer (used for hardwiring up to two nexTouch locks).
WH-28	Remote power wire harness (used for hardwiring).

Plug In Transformer

784

EPT (Electronic Pass Through) Hinge

nexTouch™

Scar Plate Kits (Includes 1 O/S Plate & 1 I/S Plate)

Model/Part Number	Description
50-M600-0150-033	O/S with cylinder - I/S no thumbturn
50-M600-0151-033	O/S no cylinder - I/S no thumbturn
50-M600-0152-033	O/S with cylinder - I/S with thumbturn
50-M600-0153-033	O/S no cylinder - I/S with thumbturn

Certifications and Listings

Sectional Mortise

ADA

The nexTouch Series lever design meets accessibility guidelines of the Americans with Disabilities Act and the requirements of the Uniform Federal Accessibility Standards and ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities, all requiring ease of accessibility.

ANSI/BHMA

nexTouch mortise certified ANSI/BHMA A156.13, Series 1000 Grade 1.

Fire Listings

Functions are UL/cUL Fire Listed for use on fire doors having a rating up to and including 3 hours.

Note: Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Yale Locks & Hardware makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

FCC

Complies with limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

ISO 14001

Designed and manufactured under a certified ISO 14001 quality system.

Sustainability

EPD and GreenCircle certification.

Warranty

nexTouch has a three year limited warranty on the mechanical and electrical components, and a one year limited warranty on the finish.

Windstorm

Certified (refer to local codes). Hurricane

nexTouch™ Keypad Locks