

MORTISE EXIT DEVICES



Apex 2300 Series - Handed

Apex FL2300 Fire Exit Series - Handed

DOORS - For all types of single and double door applications. Available for 1-3/4" to 2-1/4" thick, up to 4-0" wide opening. For thicker door, consult factory. Furnished standard for 1-3/4" thick, 3'-0" wide opening.

DEVICE - Covers ANSI A115.1 (Type 86) Mortise Lock preparation.

DOUBLE CYLINDER - Handed, "10" Function available. Requires one rim type cylinder and one 1-1/4" long mortise type cylinder, not furnished standard. See page 9 and 19.

BASE MATERIAL - The Cover, Touchbar, Device Channel, Lock/Hinge Side Filler and End Cap are furnished of heavy wrought Brass, Bronze or Stainless Steel. US28 Devices are furnished with Aluminum, Brass, Bronze and Stainless Steel components. See "Finish & Base Material" chart on page 3.

CHASSIS - Investment Cast Steel, Zinc Dichromated.

DOGGING - 1/4" turn hex key dogging standard. NOT available on Fire Exit Hardware.

TOUCHBAR HEIGHT - 39-15/16" from floor standard.

HANDED - Specify hand when ordering as RHRB or LHRB. Touchbar Assembly, Mortise Lock and Trim may be reversed in the field. For reversibility of complete device, mortise strike is required for the other hand.

UL LISTED - Panic and Fire Exit Hardware. For FIRE EXIT HARDWARE Ratings see page 33. Conforms to UL10C and UBC 7-2.

ANSI/BHMA - Devices are BHMA certified for ANSI 156.3, Grade 1.

FINISHES - 605, 606, 612, 613, 625, 626W, 628, 630. For finish description see page 3.

STILE WIDTH - See Stile Information on page 36.

CYLINDERS - Mortise type, not furnished standard. For cylinder details see page 19.

RETROFIT APPLICATIONS - The 2300 and FL2300 Series Devices are designed to retrofit into other manufacturers' mounting hole locations. 1700 Series Pull Trim and 4900 Series Lever Trim may also be factory set for these applications by specifying prefix "R" (e.g. 2308 R4908A).

Consult factory for details.

Exit Series - Handed

Fits doors machined per ANSI A115.1 (Type 86) Mortise Lock preparation.

BACKSET - 2-3/4".

CASE - Wrought Steel, Zinc Dichromate finish.

LOCK FRONT PLATE - 8" x 1-1/4" Bronze, Brass or Stainless Steel, pivots for beveled or square edged doors.

LATCHBOLT - Stainless Steel, Deadlocking, 3/4" throw, anti-friction.

GUARDBOLT - Stainless Steel, sliding type.

FINISHES - LOCK FRONT PLATE and STRIKE
605, 606, 612, 613, 625, 630. 630 furnished for 626 and 628 locks. For finish description see page 3.

STRIKES - No. S982, handed curved lip strike furnished standard. For optional strikes see page 34.

LOCK NO.

- M303: 01, 02 & 03 functions.
- M308: 05, 08, 14 & 15 functions.
- M310: 10 function.

NOTE - For Mortise Lock dimensions see page 28.
For Mortise Lock with Electrical options see page 28.

DEVICE OPTIONS

Prefix	Description	Page
C	Quick Connect Plugs.....	39
DE	Delayed Egress	24
E	Electric Lock/Unlock	28
ELR	Electric Latch Retraction.....	21
FL	Fire Exit Hardware.....	8
HC	Windstorm and Hurricane Code Device	20
LS	Latchbolt Monitoring, "03" Function	28, 29
LS	Latchbolt and Trim locked or unlocked monitoring, "08" Function.....	28, 29
MLR	Motorized Latch Retraction.....	40-41
TDS	Touchbar Monitoring Double Switch.....	29
TS	Touchbar Monitoring Switch.....	29

To specify add Prefix to Device No. (e.g. TS2303)

Prefix	Description	Page
WTDS	Weatherized Touchbar Mon. Dbl. Switch.....	29
WTS	Weatherized Touchbar Monitoring Switch	29
Suffix	Description	Page
ALK	Exit Alarm: battery operated	27
ALW	Exit Alarm: remote power.....	27
BRL	Braille Touchbar	35
CD	Cylinder Dogging.....	19
DS	Door Position Monitoring Switch	29
LD	Less Dogging	19
SEC	Security Screws	3
SNB	Sex Nut and Bolt.....	3
WALW	Weatherized Exit Alarm: remote power	27

To specify add Suffix to Device No. (e.g. 2303CD)

1700A
"A" Grip



1700B
"B" Grip



1700C
"C" Grip



2000C
"C" Grip



1. All Trims are furnished with wrought plates and extruded or cast solid grips.
2. Specify Grip Design (A,B,C) ("A" Grip furnished standard for 1700 Series Trim, "C" Grip furnished standard for 2000 Series Trim)
3. 630 Trim is furnished for 628 Devices.
4. 626 Trim is furnished for 626W Devices.

NOTE: B & C grip pull handles are not available in the 05 and 15 functions.

Retrofit Applications

The R1700 Series Trim is designed to retrofit into other manufacturers' installations when used with the wide stile Apex Series Devices.

Consult factory for details.

4900A
"A" Lever



4900B
"B" Lever



4900C
"C" Lever



4900D
"D" Lever



4900K
"K" Knob



V4908A

Vandal Resistant Trim

A heavy duty lever trim designed to withstand abuse and vandalism. Composed of extra strength shock-absorbing "overload" springs and heavy duty investment cast stainless steel internal components. Lever returns to the "home" position eliminating the need to reset the lever.

Retrofit Applications

The R4900 Series Trim is designed to retrofit into other manufacturers' installations when used with the wide stile Apex Series Devices.

Consult factory for details.

1. All the escutcheons and levers are castings or forgings.
2. Specify Lever or Knob Design (A,B,C,D,K) and Handing ("A" Lever x RHRB furnished standard)
3. 626 Trim furnished for 626W, 628 and 630 Devices.
4. All Lever Trims, M4908K and M4914K are Handed, Specify Hand.
 - For Trim dimensions see page 38.
 - Trims are BHMA certified for ANSI 156.3, Grade 1.
 - Trims are through bolted and will cover 161 and 86 cutouts (except for 2000C Trim).
 - Cylinder 1-1/4" long Mortise Type, not furnished standard. For cylinder details see page 19.

ANSI Function	01 Exit Only (cover plate)	02 Dummy Trim	03 Key Retracts Latchbolt	05 Key Locks/Unlocks Thumbpiece	08 Key Locks/Unlocks Lever/Knob	10* Double Cylinder Inside Key Locks/Unlocks Lever/Knob	14 No Cylinder Lever/Knob Always Active	15 No Cylinder Thumbpiece Always Active
Device Nos.	2301 FL2301	2302	2303** FL2303**	2305 FL2305	2308 FL2308	2310 FL2310	2314 FL2314	2315 FL2315
Trim Nos.	1701 R1701 2001 4901 R4901	1702A R1702A 2002C 4902A R4902A	1703A R1703A 2003C 4903A R4903A	M1705A RM1705A	M4908A VM4908A RM4908A VRM4908A	M4908A VM4908A RM4908A VRM4908A	M4914A RM4914A	M1715A RM1715A

Device with Trim:

Device No.

Add Prefix for options, see page 8.

Add Suffix: for options, see page 8.

Add Prefix: "V" Vandal Resistant Lever Trim

"M" Mortise Trim (per specific function, see above)

"R" Retrofit Trim

Add Suffix: Lever or Knob Design (A,B,C,D,K)
Grip Design (A,B,C)

Add Suffix: "KNR" Knurled Lever or Grip

TS2308CD x V4908AKNR x RHRB x 630 x S982 x 3'-0" x 7'-0" x 1-3/4"

Device w/options

Trim No.

Hand

Finish

Strike

Door Size

Device Only: Device no., hand, finish, strike, and door size including thickness:

(e.g. TS2108CD x RHRB x 630 x S982 x 3'-0" x 7'-0" x 1-3/4")

Trim Only: Trim no., hand, finish, strike, and door size including thickness: (e.g. VM4908A x RHRB x 626 x 1-3/4")