

RIM EXIT DEVICES



Apex 2100 Series - Reversible
Apex FL2100 Fire Exit Series - Reversible

DOORS - For all types of single and double doors with a mullion. For mullions, see page 18. Available for 1-3/4" to 2-1/4" thick, up to 4'-0" wide opening. For thicker doors, consult factory. Furnished standard for 1-3/4" thick, 3'-0" wide opening.

DEVICE - Covers ANSI A115.2 (Type 161), A115.18 cylinder lock and A115.1 (Type 86) Mortise Lock preparation.

FUNCTIONS - Functions are field selectable except for the Double Cylinder option. The device is furnished for a desired function if specified. If not specified the "03" function is furnished standard.

DOUBLE CYLINDER - Handed, "10" Function available. Requires two rim type cylinders, not furnished standard. See page 5 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. 628 Devices are furnished with Aluminum, Brass, Bronze and Stainless Steel components. See "Finish & Base Material" chart page 3.

CHASSIS - Investment Cast Steel, Zinc Dichromated.

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

STRIKES - No. S300, Investment Cast Stainless Steel, Black Powder Coated furnished standard. No. S988, optional strike for use on Aluminum Door applications, please specify when ordering. No. S458, optional strike for use on Mullion applications, please specify when ordering. For optional strike information see page 34.

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

TOUCHBAR HEIGHT - 39-15/16" from floor standard. May be varied as situation dictates.

REVERSIBLE - Reversible for all functions and Trims. Standard packaging RHRB.

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.

CYLINDERS - Rim Type, not furnished standard. Specify when required. For cylinder details see page 19.

STILE WIDTH - See Stile Information on page 36.

RETROFIT APPLICATIONS - The 2100 and FL2100 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. 2108 R4908A). Consult factory for details.

Apex 21 Series - Nonhanded

The 21 Series Device is designed to be compatible with many manufacturers' Access Control exterior trim. The device incorporates a center driven cam to receive the tailpiece of the access control product. The tailpiece rotation required to retract the latch is a minimum of 50 degrees.

Consult factory for details.

DEVICE OPTIONS

Prefix	Description	Page
C	Quick Connect Plugs.....	39
DE	Delayed Egress.....	24
E	Electric Device	28
ELR	Electric Latch Retraction	21
FL	Fire Exit Hardware	4
HC	Windstorm and Hurricane Code Device	20
LDS	Latchbolt Monitoring Double Switch	29
LS	Latchbolt Monitoring Switch	29
MLR	Motorized Latch Retraction	40-41
Q	Wireless Access Management System.....	30-32
TDS	Touchbar Monitoring Double Switch	29
TS	Touchbar Monitoring Switch.....	29
WTDS	Weatherized Touchbar Mon. Dbl. Switch.....	29
WTS	Weatherized Touchbar Monitoring Switch	29

To specify add Prefix to Device No. (e.g. TS2103)

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. 2103CD)

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.

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 with stand 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.
 - 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, Rim Type, not furnished standard. For cylinder details see page 19.

ANSI Function	01	02	03	05	08	10*	14	15
	Exit Only (cover plate)	Dummy Trim	Key Retracts Latchbolt	Key Locks/Unlocks Thumbpiece	Key Locks/Unlocks Lever/Knob	Double Cylinder Inside Key Locks/Unlocks Lever/Knob	No Cylinder Lever/Knob Always Active	No Cylinder Thumbpiece Always Active
Device Nos.	2101 FL2101	2102	2103** FL2103**	2105 FL2105	2108 FL2108	2110 FL2110	2114 FL2114	2115 FL2115
Trim Nos.	1701 R1701	1702A R1702A	1703A R1703A	1705A R1705A	4908A V4908A	4908A V4908A	4914A R4914A	1715A R1715A 2015C
	2001	2002C	2003C	2005C	R4908A RV4908A	R4908A RV4908A		
	4901 R4901	4902A R4902A	4903A R4903A					

Device with Trim:

Device No. _____

Add **Prefix** for options, see page 4.

Add **Suffix**: for options, see page 4.

Add **Prefix**: "V" Vandal Resistant Lever Trim
"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

TS2108CD x V4908AKNR x RHRB x 630 x S300 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 S300 x 3'-0" x 7'-0" x 1-3/4")

Trim Only: Trim no., hand, finish, strike, and door size including thickness: (e.g. V4908A x RHRB x 626 x 1-3/4")

* "10" Function is handed

** 2103 & FL2103 x Cylinder Only Application includes Cylinder Attachment Kit "CA-03"

RIM EXIT DEVICES



S988
Standard Package

S458
Optional for Hollow Metal Door or Mullion applications

Apex 2400 Series - Non Handed
Apex FL2400 Fire Exit Series - Non Handed

DOORS - For all types of single and double doors with a mullion. For mullions, see page 18. 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.

FUNCTIONS - A Universal Exit Device. Add Trim for desired function.

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.

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

STRIKES - No. S988, standard package for Aluminum Door applications, Black Powder Coated Stainless Steel Roller Strike. No. S458, optional for Hollow Metal Door or Mullion applications, please specify when ordering. For optional strike information see page 34.

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

TOUCHBAR HEIGHT - 39-15/16" from floor standard. May be varied as situation dictates.

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.

CYLINDERS - Rim Type for "03" function, Mortise type for "08" function. Use 1-1/4" long standard mortise cylinder. Cylinders are not furnished standard. Specify when required. For cylinder details see page 19.

STILE WIDTH - See Stile Information on page 37.

DEVICE OPTIONS

Prefix	Description	Page
C	Quick Connect Plugs.....	39
DE	Delayed Egress.....	24
ELR	Electric Latch Retraction	21
FL	Fire Exit Hardware	10
MLR	Motorized Latch Retraction	40-41
TDS	Touchbar Monitoring Double Switch	29
TS	Touchbar Monitoring Switch.....	29
WTDS	Weatherized Touchbar Mon. Dbl. Switch.....	29
WTS	Weatherized Touchbar Monitoring Switch	29

To specify add Prefix to Device No. (e.g. TS2403)

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. 2403CD)

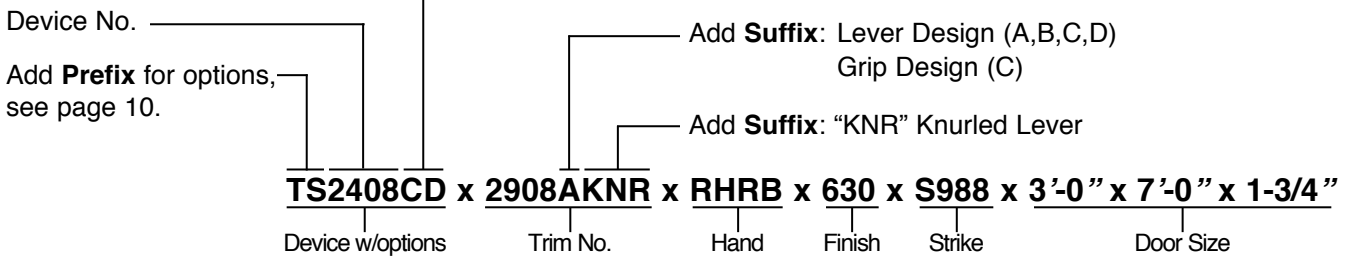


1. All the escutcheons and levers are castings or forgings.
2. For Lever Trim specify Lever Design (A, B, C, D) and Handing ("A" Lever RHRB furnished standard).
3. For 2900 Series Trim, 626 finish is furnished for 628 and 630 Devices.
4. 2000 Series Trim is furnished with a wrought plate and extruded solid "C" Grip.

- For Trim dimensions see page 38.
- Trims are BHMA certified for ANSI 156.3, Grade 1.
- Trims are through bolted.
- Cylinder, not furnished standard – Rim type for "03" function, 1-1/4" long mortise type for "08" function. For cylinder details see page 19.

ANSI Function	01 Exit Only (cover plate)	02 Dummy Trim	03 Key Retracts Latchbolt	08 Key Locks/Unlocks Lever	14 No Cylinder Lever Always Active
Device Nos.	2401 FL2401	2402	2403* FL2403*	2408 FL2408	2414 FL2414
Trim Nos.	2901 2001	2902A 2002C	2903A 2003C	2908A	2914A

Device with Trim:



Device Only: Device no., hand, finish, strike, and door size including thickness:
(e.g. TS2408CD x RHRB x 630 x S988 x 3'-0" x 7'-0" x 1-3/4")

Trim Only: Trim no., hand, finish, strike, and door size including thickness: (e.g. 2908A x RHRB x 626 x 1-3/4")

* 2403 & FL2403 x Cylinder Only Application includes Cylinder Attachment Kit "NCA-03"