Panic Exit Device

ASSA ABLOY

ASSA ABLOY Panic Exit Device
Features & Benefits

**Panic Exit Devices
AAED400 Series**

Key features:
- Surface mounted, rim type
- Slim, neat design
- 500,000 cycles tested
- Fire rated for 3 hours

Benefits:
- Ease of installation
- Superior aesthetics
- High durability
- Suitable for fire rated doors
- External cylinder and lever option available

**Standard &
Certification**

**UL 10C and ANSI
A156.3 Grade 1**

Technical details:
- Rim type push bar
- Half length, 1045mm as standard
- 304 stainless steel material
- For doors up to 1200 x 2400mm in standard
- Easy installation and adjustment
- Stainless steel or galvanized steel finish
- Compatible accessories
- Standard euro profile cylinder
- UL listed for fire exit hardware up to 3 hours
- Suitable for single leaf and double leaf doors
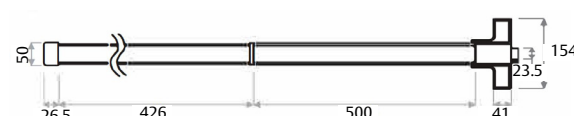- With satin chrome external lever trim

Panic Exit Device - AAED400 Series

Panic Exit Device AAED401

ASSA ABLOY Exit Device 401:
- Panic exit device with central locking point - RIM
- Painted galvanized steel or stainless steel finish
- With AAET411SC external lever trim in satin chrome finish

**Panic Exit Device AAED402**

ASSA ABLOY Exit Device 402:
- Panic exit device with double locking points - RIM
- For standard door height 2400mm*
- Option available for 3000mm door height*
- Painted galvanized steel or stainless steel finish
- With AAET411SC external lever trim in satin chrome finish
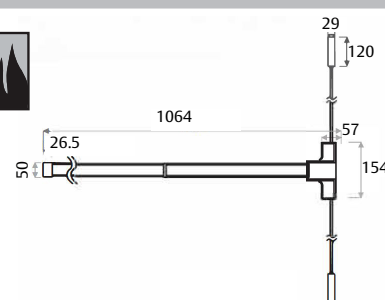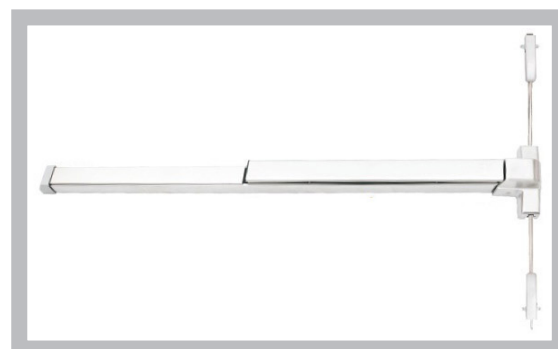
Panic Exit Trim AAET411SC

ASSA ABLOY Panic Exit Trim 411:
- Panic exit trim in satin chrome finish
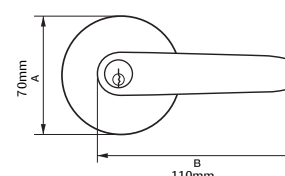
How to Order

Code example

AAED401P 2400

Finish Code
S - Stainless Steel
P - Painted

Door height
2400 - 2400mm
3000 - 3000mm

Locking Code
1 = Single-point locking
2 = Double-point locking

ASSA ABLOY Exit Device
Features & Benefits

**Exit Devices
AA21 Series**

Key features:
- Surface mounted
- Slim, neat design, surface mounted
- 500,000 cycles tested
- Fire rated
- Wide range of option
- ANSI/BHMA A156.3 Grade 1
- UL Listed

Benefits:
- Ease of installation
- Superior aesthetics
- High durability
- Suitable for fire rated doors
- Provide a ready means of escape at all times by the single action of pushing on a horizontal bar fitted across the full width of a door

**Standard &
Certification**

**UL 10C and ANSI
A156.3 Grade 1**

Technical details:
Door Suitability
- For emergency passage doors and anti-fire doors
- Suitable for single and double doors up to 1220mm wide and 2100mm in height (available up to 3000mm upon request)

Material
- Horizontal push bar made of 304 stainless steel
- Latchbolt made of sintering stainless and auxiliary bolt made of die-cast stainless steel
- Lever and trim made of 304 stainless steel
- Strike plate made of die-casting carbon steel with roller to reduce the friction of opening and closing

Latchbolt
- Made of sintering stainless steel

Finish
- 630 Satin Stainless Steel Types
- AA21R- Rim
- AA21V- Vertical
- AA21M-Mortise

E lectric Function (For AA21M)
- Fail Safe (FSA)
- Fail Secure (FSE)
- 480mA@12VDC (Standard)
- 240mA@24VDC

E lectric Function (For Electric Trim ELEC)
- Fail Safe (FSA)
- Fail Secure (FSE)
- 1200mA@12VDC (Standard)
- 600mA@24VDC

Option

Option
- REX (Request to Exit)-An SPDT switch that monitors activation of the free lever (not available with knob trim). REX is available for all mechanical and electrified functions and can be supplied alone or with either LBM or DBM
- LBM (Latchbolt Monitor)-An SPDT switch that monitors full retraction of the main latch. LBM is available for all mechanical and electrified functions and can be supplied alone or with REX
- DBM (Deadbolt Monitor)-An SPDT switch that monitors full retraction of the deadbolt. DBM is available for all mechanical and electrified funtions with a deadbolt and can be supplied alone or with REX

ASSA ABLOY ANSI Exit Device

AA21R
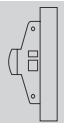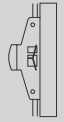
Exit Device Size (inch)	Suitable Door Width (mm)	Length A (mm)
24"	510 - 600	530
30"	610 - 750	683
36"	760 - 910	835
48"	920 - 1200	1130

AA21M

AA21V

ASSA ABLOY ANSI Exit Device

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Function	ANSI Function No.	Model No.	Exit Device Type	Description	Inside Outside
Exit	01	AA21R01	Rim Type	• Exit only • No outside operation	
		AA21V01	Surface Vertical Type		
		AA21M01	Mortise		
Classroom	08	AA21R08	Rim Type	• Outside lever retracts latchbolt • Key locks and unlocks lever	
		AA21V08	Surface Vertical Type		
	05	AA21M05	Mortise	• Entrance by knob or lever • Key locks and unlocks knobs or lever	
Night Latch	03	AA21R03	Rim Type	• Entrance by Trim when latch is released by key • Key removable only when locked	
		AA21M03	Mortise		
		AA21EM-FSA	Electrified Mortise (Fail Safe)		
		AA21EM-FSE	Electrified Mortise (Fail Secure)		
Passage	14	AA21R14	Rim Type	• Entrance by Trim • Exit by pushing bar inside	
		AA21V14	Surface Vertical Type		
		AA21M14	Mortise		

Remarks:
• Electric trims are option for mechanical panic exit device
• Supply cylinder is for door thickness 40-54mm

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Typical Door Installation
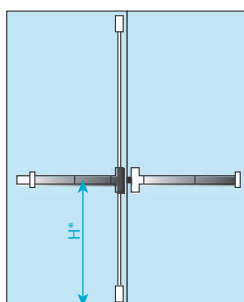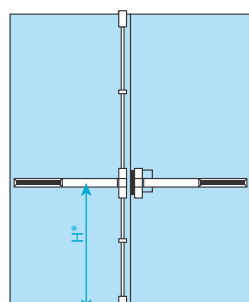
Single Leaf Door
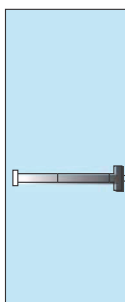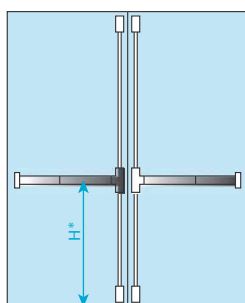
Rim device
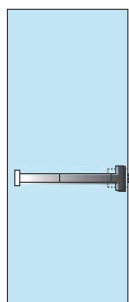
Rim device with mortise
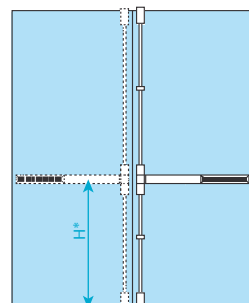
Double Leaf Door

AA21R-D and AA21V
Pair of rebated doors - 1
vertical rod device, 1 Rim
device and 1 double door
strike - same direction

AA21M and AA21V
Mortise lock and surface
mounted vertical rod
device combination -
same direction

AA21V (2 sets)
Pair of non-rebated doors
with 2 vertical devices -
same direction (do not
use with overlapping
astragal)

AA21V (2 sets)
Two vertical rods - double
egress

Remarks

- H* = centerline of chassis and rail
- assembly to finished floor 1014mm
  for standard application

- Device for door height 2100mm,
  but available up to 3000mm
  upon request

ASSA ABLOY ANSI Exit Device

How to order : PED

Model No.	Push Bar Length	Door Handing	Monitor (option)	Finish	Trim & Cylinder (Option)	
Example: AA21R01 —	*24* —	LHR —	*REX* —	*630* —	*Trim* —	*Cylinder*
AA21R01 AA21V01 AA21M01 AA21R08 AA21V08 AA21M05 AA21R03 AA21M03 AA21EM-FSA AA21EM-FSE AA21R14 AA21V14 AA21M14 AA21R-D*	— 24 24" 30 30" 36 36" 48 48" —	LHR (Left Hand - Reverse) RHR (Right Hand - Reverse)	REX LBM DPS** ALA	— — 630 Satin Stainless Steel	See 'How to order: Trims and cylinder'	See 'How to order: Trims and cylinder'

* AA21R-D is AA21R device with double strike for double leaf door.

** DPS is only for AA21EM

- Device for door height 2100mm, but available up to 300mm upon request.
- Device installed at centerline of chassis and rail assembly to finished floor 1014mm for standard application.

How to order : Trims and Cylinder

Escutcheon		Lever	Cylinder (Option)	Finish
Example: LEN		*H01* —	- -	*630*
LEN for R and V (Passage function)		H01	CY32R*	
LEC – R for R and V (Classroom function)		H02	CY32Q	
LEC – M f or Mortise and Electrified Mortise	—	H03	CY32E	630 Satin Stainless Steel
ELEC – FSA E lectrical function (Fail Safe) for R and V		H04		
ELEC – FSE E lectrical function (Fail Secure) for R and V		H05	CY32T	

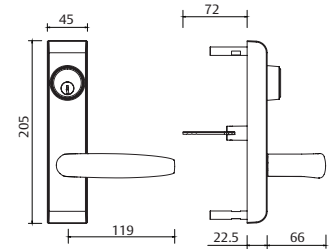*CY32R is rim cylinder for outside of rim and surface vertical exit device

ASSA ABLOY ANSI Exit Device

ASSA ABLOY
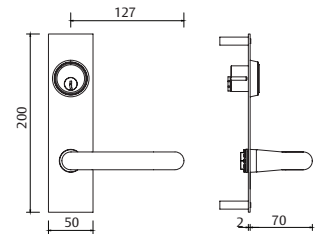
LEC-R

Model No.: LEC - R

- For AA21R, AA21V
  Classroom function
- ANSI Cylinder CY32Q
- Lever H01-H05

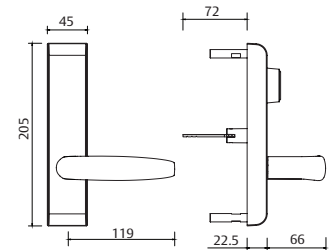## LEC-M

Model No.: LEC - M

- For device with
  electrified Mortise
- ANSI Cylinder CY32E
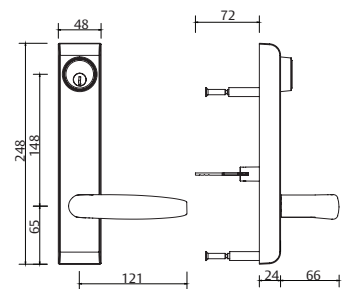- Lever H01-H05

LEN

Model No.: LEN

- For Passage function
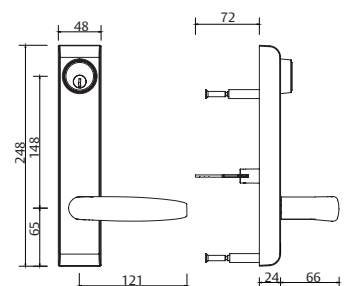- Lever H01-H05

ELEC-FSA

Model No.: ELEC-FSA

- For AA21R, AA21V desive with
  electrified Mortise (Fail Safe)
- ANSI Cylinder CY32T
- Lever H01-H05

ELEC-FSE

Model No.: ELEC-FSE

- For AA21R, AA21V desive with
  electrified Mortise (Fail Secure)
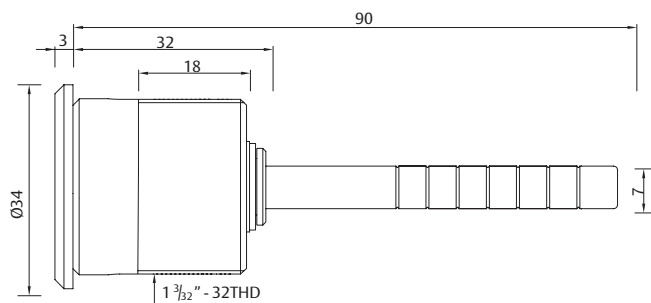- ANSI Cylinder CY32T
- Lever H01-H05
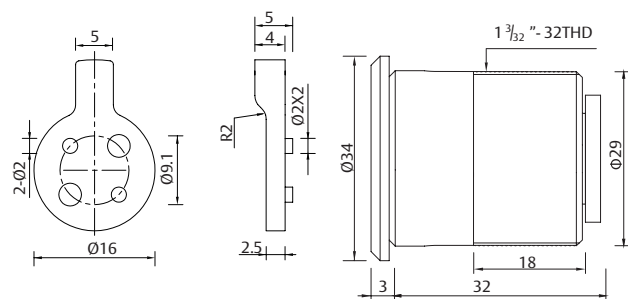
ASSA ABLOY ANSI Exit Device

CY-32R

Model No.: CY32R - 630

Finish: 630 Satin Stainless Steel

Trims: LEN

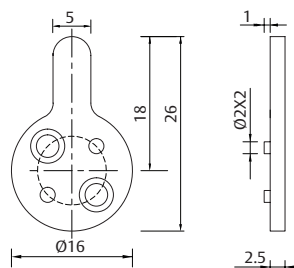**Device:** Rim & Vertical Passage function

CYR-32Q

Model No.: CY32Q - 630

Finish: 630 Satin Stainless Steel

Trims: LEC-R

Device: Rim & Vertical Classroom function
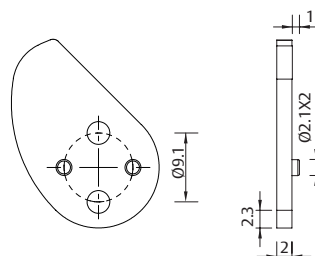
CY-32E

Model No.: CY32E - 630

Finish: 630 Satin Stainless Steel

Trims: LEC-M

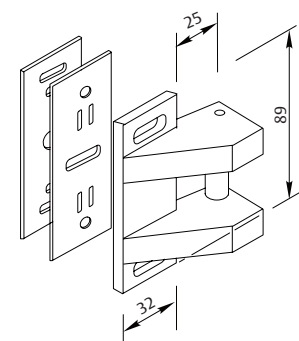**Device:** Mortise and Electrified Mortise

CYR-32T

Model No.: CY32T - 630

Finish: 630 Satin Stainless Steel

Trims: ELEC-FSA, ELEC-FSE

Device: Rim & Vertical Electrical function (Fail Safe / Fail Secure)

STRIKE

Model No.: Double Strike

Finish: 630 Satin Stainless Steel

Device: For AA21 R-D

ASSA ABLOY ANSI Exit Device

Lever Design

H01
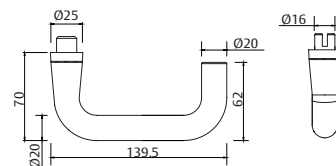
Model No.   : H01

Material   : 304 Stainless Steel

Construction   : Hollow

Finish   : 630 Satin Stainless Steel

H02

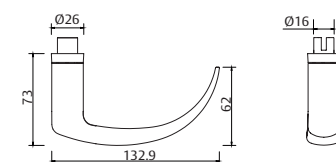Model No.   : H02

Material   : 304 Stainless Steel

Construction   : Solid

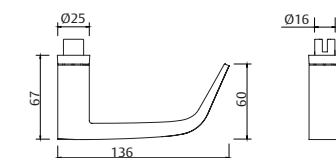Finish   : 630 Satin Stainless Steel

H03

Model No.   : H03

Material   : 304 Stainless Steel

Construction   : Solid

Finish   : 630 Satin Stainless Steel
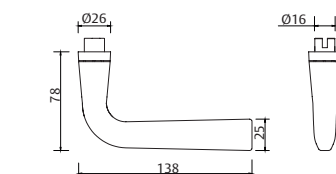
H04

Model No.   : H04

Material   : 304 Stainless Steel

Construction   : Hollow

Finish   : 630 Satin Stainless Steel

H05

Model No.   : H05

Material   : 304 Stainless Steel

Construction   : Hollow

Finish   : 630 Satin Stainless Steel