



Standards proves safety

ABLOY EXIT products provide high-security door environment with guaranteed easy exit in every situation. By using these products you can rely on the security provided against burglaries and other external threats and yet know the safety of the exit way is on the best possible level.

The whole ABLOY EXIT product range is designed and officially tested according to the latest standards to ensure perfect function both in everyday use and in case of an emergency.

The ABLOY electric locks offer a complete high-security solution wherever electric security of access control combined with mechanical locking safety is needed e.g. fire doors and exit doors. By using the latest technology a new generation of ABLOY locks for double leaf exit doors are developed to give safety and security to the utmost demanding door environments.

EXIT

Both door leaves are always equipped with inside handles or panic bars, so that both of the door leaves can be opened safely in every situation, individually or simultaneously.

ENTRANCE

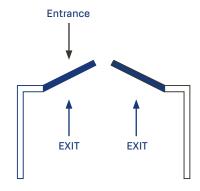
Entrance from outside is possible through active door leaf by using a key and alternatively by handle when electrically controlled. Passive door leaf stays locked.

ELECTRIC POSSIBILITIES

When the active door leaf is equipped with motor lock and passive door leaf with electrical locking solution, both door leaves can be equipped with door automation for both exit and entrance. This high-level combination enables easy passage through automatically operated doors.

CONSTRUCTION

The lock case for active door leaf can be chosen from the range of ABLOY electric locks according to the needs and demands of the door environment. The locking of the passive door leaf consists of a combination of three separate locks; a middle lock, a top frame lock and a bottom latch. This three point locking gives the door a great support against external threats. Despite of the high level security the passive door lock is as easy and light to open as any other ABLOY electric lock. The level of comfort of passage through passive door leaf can be chosen between mechanical and electrical solution.



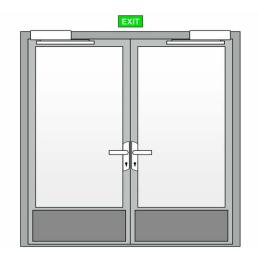
Especially on critical entrances and exit doors the meaning of safety and security is emphasized. By testing our products officially we ensure that they fulfil administrative orders, have the best possible reliability and maximized safety. By testing continuously we can provide high-quality products to demanding environments.



- exit by handle
- opening with single hand operation
- Premisies whose exit routes are familiar to people on the premises

Applications:

Offices, meeting rooms, classrooms, small enterprises etc.

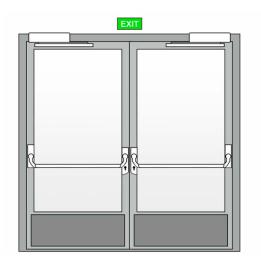




- exit by panic bar
- opening with single operation (e.g. push against the door)
- main exit routes of buildings where people have no prior knowledge of escape routes

Applications:

Theatres, shopping centres, schools, institutions, hospitals, sport centres, etc.



ABLOY° DOUBLE EXIT DOOR PRODUCTS MEET THE FOLLOWING STANDARDS

EN 179 Exit EN 61000-6-3 EMC

EN 1125 Panic exit EN 12209 Mechanical resistance

EN 1634-1 Fire resistance EN 14846 Electric locks

EN 61000-6-1 EMC

Mechanical exit solution

PRODUCTS FOR MECHANICAL PASSIVE DOOR SOLUTION

Passive door leaf can always be opened by handle or panic bar.

Active door leaf can be equipped with Motor lock PE420, PE520

- 1-way access controlled interior and exterior doors

Handle controlled lock PE460, PE560

- 1-way access controlled, interior doors

Mechanical lock PE060, PE160

- interior or exterior doors

NARROW STILE DOORS



PE920

Passive door leaf products for narrow profile doors (incl. LE931, LE945, LE935) are ordered by product code PE920.

1 TOP LOCK

- Double action bolt deadlocks automatically: mechanical function.

WOODEN OR METAL DOORS



PE925

Passive door leaf products for wooden or metal doors (incl. LE981, LE955, LE985) are ordered by product code PE925.

2 CENTRE LOCK

- Removes deadlocking on active door
- Unlocks top lock and bottom latch

3 BOTTOM LATCH

 Locks the bottom of door by flush bolt to floor or treshold

Electromechanical exit solution

ELECTROMECHANICAL PASSIVE DOOR SOLUTION FOR SWING DOOR AUTOMATICS

Passive door leaf can always be opened by handle or panic bar.

Top lock of passive door leaf can be released electrically, which enables the use of an automatic swing door operator.

Active door leaf is equipped with a motor lock (PE420, PE520) and a door operator

NARROW STILE DOORS



PE923

Passive door leaf products for narrow stile doors (incl. LE941, LE945, LE935).

1 TOP LOCK

 Double action bolt deadlocks automatically; electrically controlled

PE928 Passive door leaf products for

WOODEN OR METAL DOORS

1

ACTIVE DOOR

Passive door leaf products for wooden or metal doors (incl. LE951, LE955, LE985).

2 CENTRE LOCK

- Removes deadlocking on active door
- Unlocks top lock and bottom latch

3 BOTTOM LATCH

PE951

PASSIVE DOOR

LE955

LE985

 Locks the bottom of door by flush bolt to floor or treshold

Technical details

TECHNICAL DETAILS					
	Backset				
	35 mm	100 mm	Mechanical function	Electrical function	
PE920	х		Х		
PE923	х			х	
PE925		Х	Х		
PE928		х		Х	

ELECTRICAL DETAILS: PE928 AND PE923				
	Voltage: U/V	Current consumption: I/mA		
		max	normal	
	12 V	550 mA	240 mA	
	24 V	300 mA	130 mA	
Lock relay	0.4 A 30 V AC/V DC max. 10 W			

Door Handing

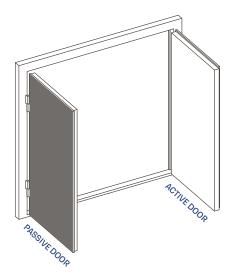
WHEN ORDERING, PLEASE NOTE THE DOOR HANDING

Exit door should always open outwards, to prevent the doors blocking the exit route. There are two different lock handing options, depending on which door leaf is the passive door leaf.

Straight forend is available for both narrow stile and wooden/metal doors. For rebated doors there are both right and left handed forends available.

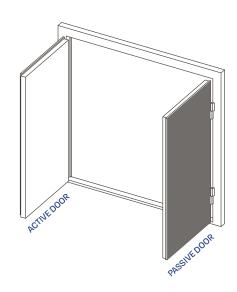
LEFT-HANDED PASSIVE DOOR (3)

Right-handed active door (4)



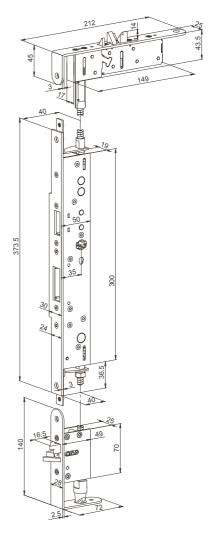
RIGHT-HANDED PASSIVE DOOR (4)

Left-handed active door (3)



Dimensions of passive leaf lock set

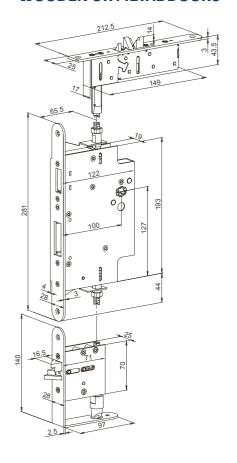
NARROW STILE DOORS

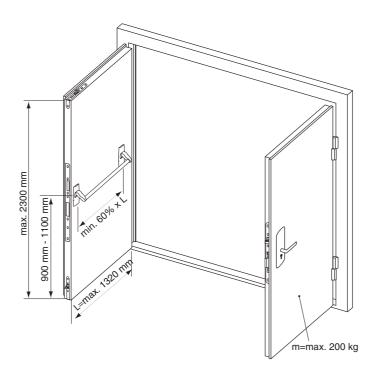


Door assembly according to EN-standards

- The whole lock set up has been tested at the door, which weight is 200kg
- Standard delivery of a passive door installation allows the lock to be installed 2300 mm high door. Maximum allowed door height is 2520 mm
- Installation level from floor for handle and panic bar is from 900mm to 1100mm
- Max door width is 1320mm and panic bar must cover 60% of total door width

WOODEN OR METAL DOORS





Standard approved combinations

EMERGENCY EXIT DEVICES ACCORDING TO EN 179					
The following products are approved to be installed together in an emergency exit door to conform EN 179.					
Narrow stile doors (PE920, PE923)	ABLOY° DO 20.33.01 DO 20.33.02	ASSA ABLOY DO 20.15.02	FSB DO 20.03.01, DO 20.03.02		
Wooden and metal doors (PE925, PE928)	ABLOY° DO 20.33.01 DO 20.33.02	ASSA ABLOY DO 20.15.02			

The safety features of this product are essential to its compliance with EN 179. Modifications of any kind, other than those described in the installation manual, are not permitted.

PANIC EXIT DEVICES ACCORDING TO EN 1125				
The following products are approved to be installed together in an panic exit door to conform EN 1125.				
Narrow stile doors	ABLOY			
(PE920, PE923)	DO 6.7			
Wooden and metal doors	ABLOY			
(PE925, PE928)	DO 6.7			

The safety features of this product are essential to its compliance with EN 1125. Modifications of any kind, other than those described in the installation manual, are not permitted.

This document may not be used in the installation of a lock. Drilling and wiring diagrams and installation instructions are included in the installation manual, which is included in each lock case package. We reserve the right to make alterations to the products described in this leaflet.

Ordering information

STANDARD PACKAGE FOR PASSIVE DOOR

- Passive door lock set
- Strike plates for top and bottom latch
- Connecting rods for top and bottom latch
- Doorstep bolt Optional models available for different door gaps
- Mounting rack or fixing pieces for centre
- Fixing screws
- Spindle adapters
- Installation manual

PLEASE SPECIFY FOLLOWING DETAILS WHEN ORDERING

- Door Type
 - wooden / metal, flush or rebated door
 - narrow stile door
- Door Handing

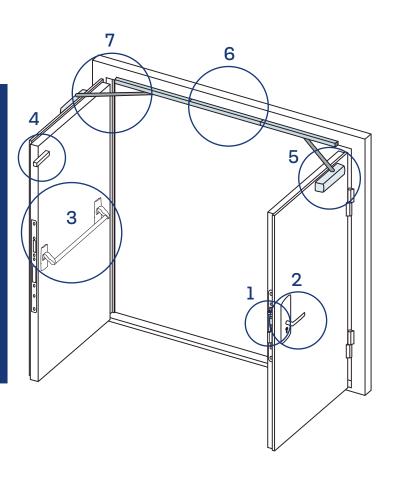
PLEASE ORDER SEPARATELY

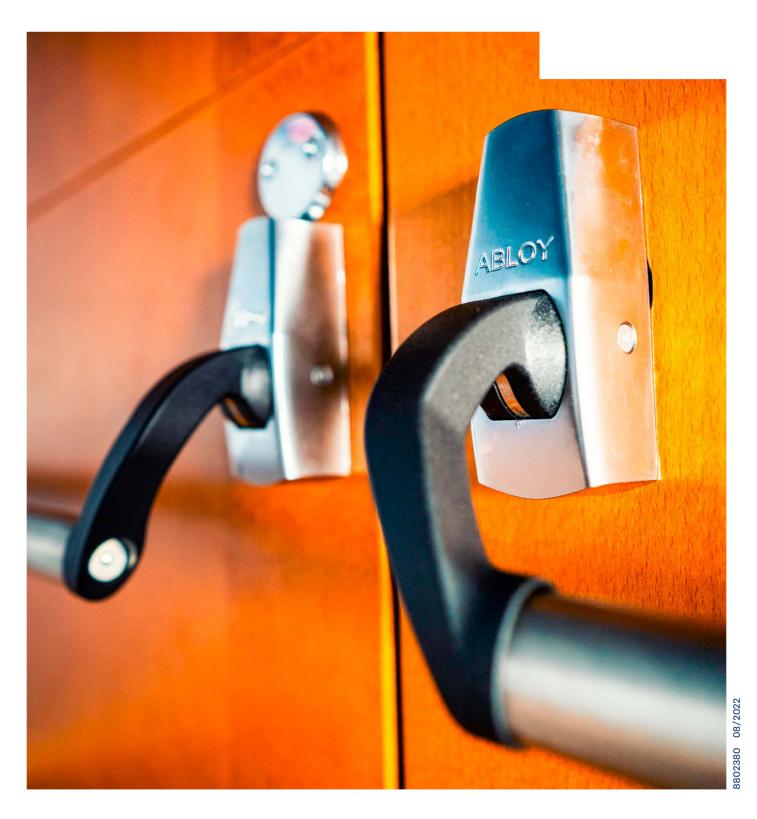
- 1 Active door lock
- 2 Handles and escutcheons
- 3 Exit devices: handle or panic bar
- 4 Carry bar
- 5 Door closers
- 6 Door Coordinators

Optional:

7 For electromechanical EXIT solution only: Door operators with accessories

For further information, please check the relevant product brochures.





ABLOY offers security and locking innovations designed to create more trust in the world.

Combining digital and mechanical expertise, Abloy Oy develops industry-leading security solutions that protect people, property and business. Abloy is part of the ASSA ABLOY Group, the global leader in access solutions. Every day, we help billions of people experience a more open world.

Abloy Oy Wahlforssinkatu 20 FI-80101 JOENSUU FINLAND Tel. +358 20 599 2501 Abloy.com Abloy maintains Product Security Center at www.abloy.com/securitycenter. We recommend that You check the Center on a regular basis in order to be fully informed of product security updates, so that your knowledge of our products remains optimal.

It is the customer's responsibility to define the required level of security, whilst taking into consideration relevant factors for its operations. To achieve the overall level of security required in the customer's operations multiple layers of security must be in place. These include for example locking system, key management system, access management, CCTTV and alarm system as well as physical security in a manner and level specified by the customer.

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