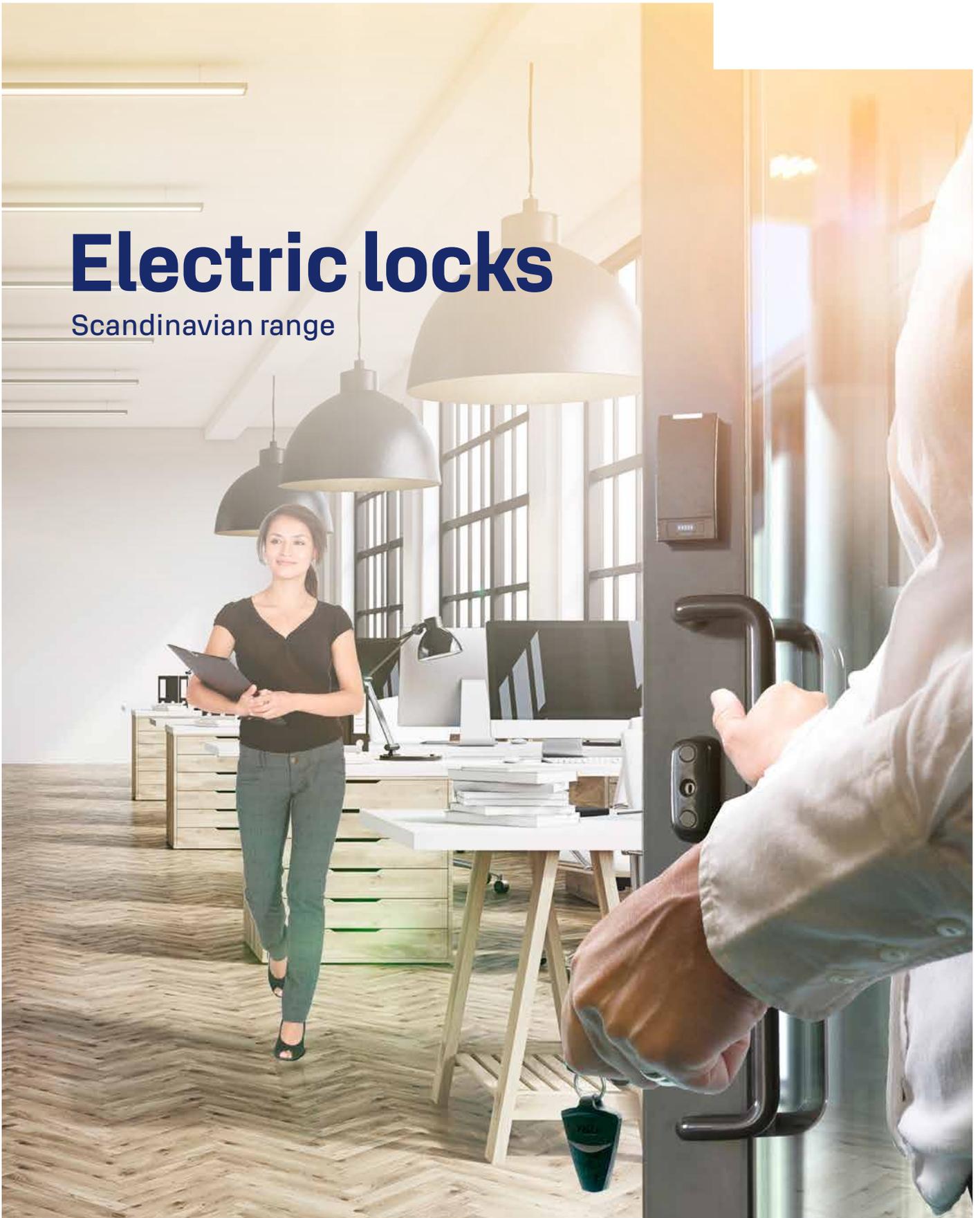


Electric locks

Scandinavian range





Make a better choice

HIGH SECURITY

Compared with other solutions like magnetic locks and electric strikes, electric locks provide durable, hard-wearing security. Still electric locking provides ultimate mechanical strength but uses power only when opening.

ABLOY electric locks have been manufactured for more than 40 years. ABLOY motor locks were the first of their kind in the world, and since their introduction we have proudly presented the best electric locking solutions across the world. Today we can offer a complete range of electric locks to secure different door environments.



INTELLIGENT & EFFECTIVE ELECTRIC LOCKS



AESTHETICS



FUNCTIONALITY



SAFETY



CONVENIENCE



SECURITY

Global solutions

ABLOY has delivered more than 3 million electric locks to locations all over the world. ABLOY electric locks secure World Heritage Sites, valuable assets and premises where quick and reliable evacuation is a must.



**HERMITAGE
MUSEUM
RUSSIA**



**WARSAW
NATIONAL
STADIUM
POLAND**

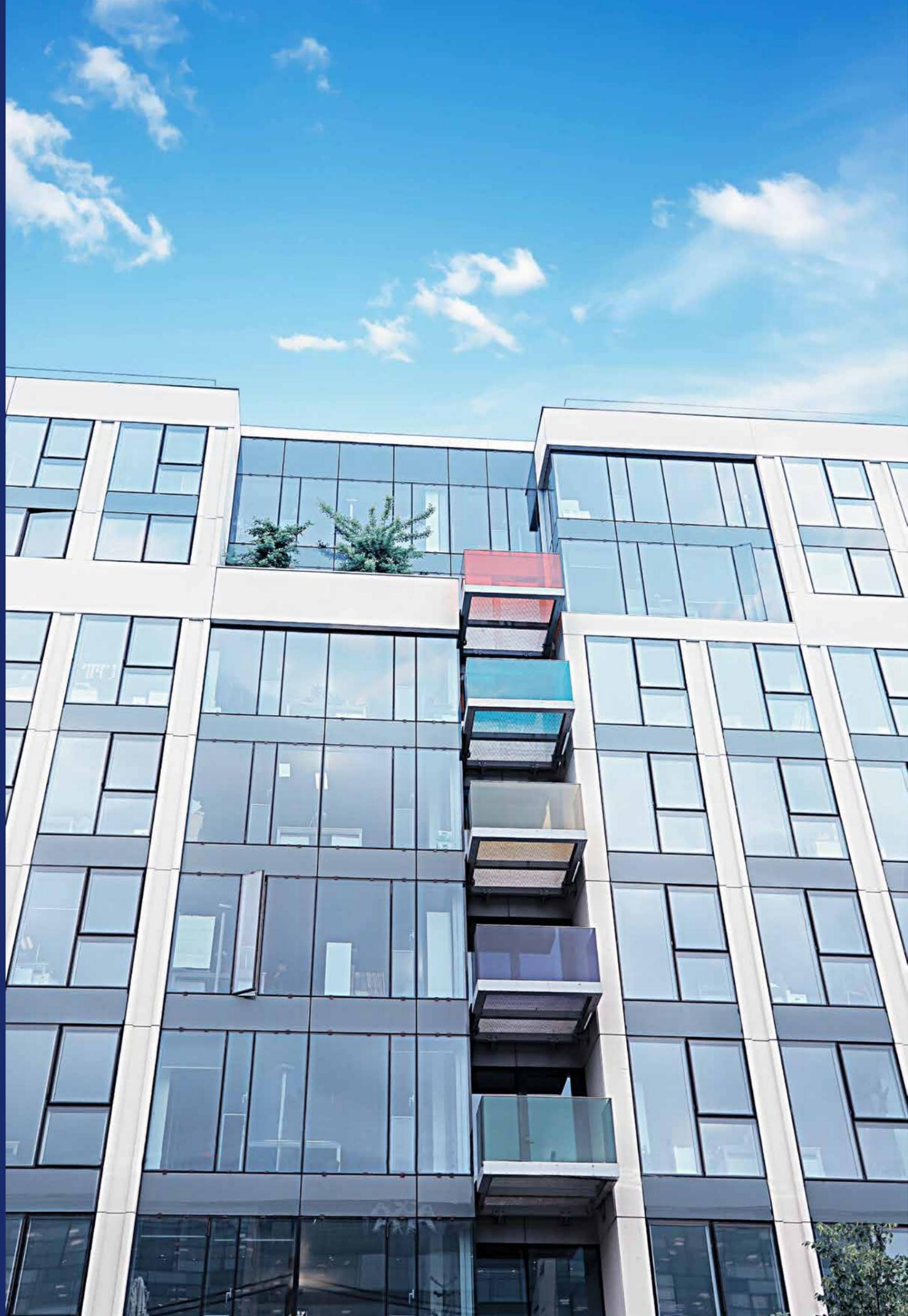
**ABU DHABI
PRESIDENTIAL PALACE
UNITED ARAB EMIRATES**



**WUHAN
BANK
CHINA**

**THE WORLD'S
LARGEST PRIVATE
HOME INDIA**





Handle controlled locks

Handle controlled electric locks are used in medium traffic interior door environments such as offices, consulting, storage and technical maintenance rooms, and in the exterior doors of residential buildings. Not suitable with door automatics.

The lock can be set to function as fail-locked (fail-secure) or fail-unlocked (fail-safe). In the fail-locked setting, the lock can be opened with the handle when the power is on and cannot be opened with the handle when the power is off. In the fail-unlocked setting, the electrical function is reversed. Locks are automatically deadlocked when the door is closed. Mechanical cylinder opening is always possible.



EL580 family

EL580 = 1-way access controlled doors: the outside handle is electrically controlled. The lock can always be opened with the inside handle (EN179 certified).

PE580 = 1-way access controlled doors: the outside handle is electrically controlled. The lock can always be opened with the inside panic bar (EN1125 certified).

EL582 = 2-way access controlled doors: both inside and outside handles are electrically controlled.

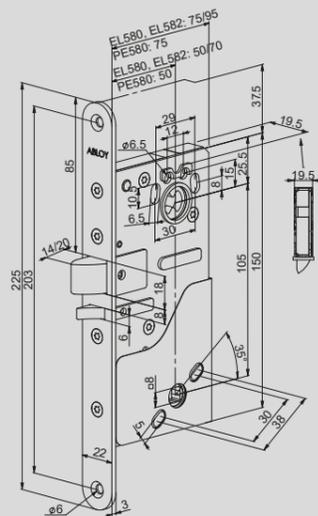
Door type SOLID ACTIVE	Usage level MEDIUM ■ ■ ■ □	Security level MEDIUM ■ ■ ■ □
Exit door suitability ✓	Fire door suitability ✓	Automation suitability ✗



TECHNICAL SPECIFICATIONS

- Operating voltage:** 12 - 24 V DC (-10%/+15%, stab.)
- Temperature range:** -25 - +70 °C
- Bolt throw:** 14 or 20 mm (EL580, EL582), 14 mm (PE580)
- Backset:** 50/70 mm (EL580, EL582), 50 mm (PE580)
- Forend:** 22 mm, bright chrome
- Spindle:** 8 mm
- Monitoring outputs:** Bolt deadlocked, handle down/RQE

Certificates: EN14846 (for electromechanically operated locks), EN179 (for emergency exit doors), EN1125 (for panic exit doors), EN1634-1 (for fire resistance)



EL480 family

EL480 = 1-way access controlled profile doors: the outside handle is electrically controlled. The lock can always be opened with the inside handle (EN179 or EN1125 certified).

EL482 = 2-way access controlled profile doors: both inside and outside handles are electrically controlled.

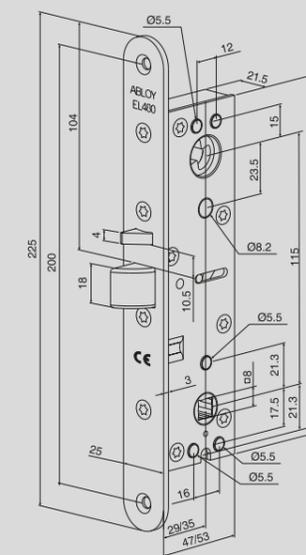
Door type PROFILE ACTIVE	Usage level MEDIUM ■ ■ ■ □	Security level MEDIUM ■ ■ ■ □
Exit door suitability ✓	Fire door suitability ✓	Automation suitability ✗



TECHNICAL SPECIFICATIONS

- Operating voltage:** 12 - 24 V DC (-10%/+15%, stab.)
- Temperature range:** -25 - +70 °C
- Bolt throw:** 14 mm
- Backset:** 29/35 mm
- Forend:** 25 mm, bright chrome
- Spindle:** 8 mm
- Monitoring outputs:** Bolt deadlocked, handle down, request to exit/RQE

Certificates: EN14846 (for electromechanically operated locks), EN179 (for emergency exit doors), EN1125 (for panic exit doors), EN1634-1 (for fire resistance)



Push & Pull function solenoid locks

Thanks to the Push & Pull feature, doors can be conveniently opened and closed – even without using the door handle. The Push & Pull feature can also be integrated with your door automatics for ultimate convenience and smooth people flow.

The lock can be opened by pushing or pulling when the electric control is switched on. Some models can also be configured to operate in fail-unlocked mode. In this case, the door can be opened by pushing or pulling when the electric control is switched off. The lock can always be opened with a key or thumbturn, and it deadlocks automatically when the door closes.



EL502 family

EL502 = The EL502 meets exit standard EN179 when installed with the CY077 cylinder and a push bar. The door can be opened by pulling or pushing when the lock has been unlocked electrically. The door can always be opened with the key, the interior thumbturn or the pushpad. Generally used in interior doors or offices, business premises and educational premises. Cannot be used with fire-rated doors. Can be used with exit doors.

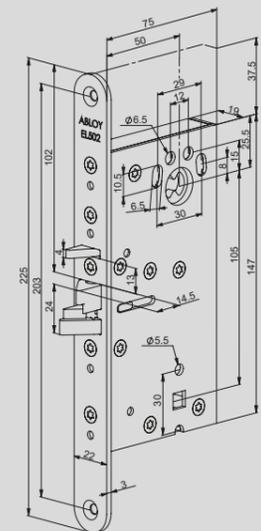
Door type SOLID ACTIVE	Usage level MEDIUM 	Security level MEDIUM
Exit door suitability 	Fire door suitability 	Automation suitability



TECHNICAL SPECIFICATIONS

- Operating voltage:** 12 – 24 V DC (-10%/+15%, stab.)
- Temperature range:** -25 – +70 °C
- Bolt throw:** 14.5 mm (latch)
- Backset:** 50 mm
- Forend:** 22 mm, bright chrome
- Spindle:** 8 mm
- Monitoring outputs:** Double-action bolt deadlocking status

Certificates: EN14846 (for electromechanically operated locks), EN1634-1 (for fire resistance), EN179 (for emergency exit doors)



EL402 family

EL402 = The door deadlocks when closed. EL402 meets standard EN179 when used with the CY080 cylinder. The door can always be opened with the key, the interior thumbturn or the pushpad. Generally used in interior and exterior doors of business premises and in the exterior doors of apartment buildings. Cannot be used for fire-rated doors. Can be used in exit doors.

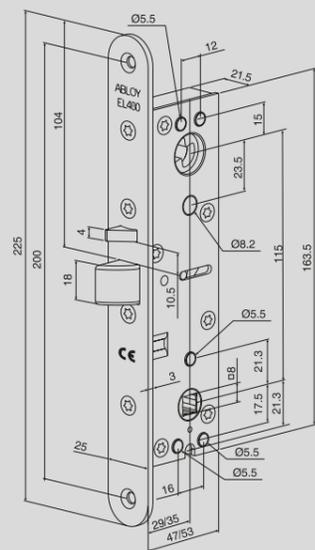
Door type PROFILE ACTIVE	Usage level MEDIUM 	Security level MEDIUM 
Exit door suitability 	Fire door suitability 	Automation suitability 



TECHNICAL SPECIFICATIONS

- Operating voltage:** 12 - 24 V DC (-10%/+15%, stab.)
- Temperature range:** -25 - +70 °C
- Bolt throw:** 14.5 mm (latch)
- Backset:** 25, 28, 30, 33, 35 mm
- Forend:** 25 mm, bright chrome
- Spindle:** 8 mm
- Monitoring outputs:** Double-action bolt deadlocking status

Certificates: EN14846 (for electromechanically operated locks), EN1634-1 (for fire resistance), EN179 (for emergency exit doors)



Double door solutions

ABLOY EXIT products offer a high security door environment with guaranteed easy exit in every situation. You can rely on the security these products provide against burglaries and other external threats, while knowing that exit safety is optimal.

The entire ABLOY EXIT product range is designed and officially tested according to the latest standards to ensure perfect function both in everyday use and in an emergency. ABLOY electric locks offer a complete high security solution wherever the electric security of access control combined with mechanical locking safety is needed, for example in fire and exit doors. Using the latest technology, we have developed a new generation of ABLOY locks for double-leaf exit doors to bring safety and security to the most demanding door environments.



PE900 family

PE900–PE905 = Exit double door solution for profile doors.
This package contains passive door locks.

Door type DOUBLE LEAF PROFILE	Usage level HIGH 	Security level MEDIUM 	
Exit door suitability 	Fire door suitability 	Automation suitability MENTIONED IN THE TABLE WHERE APPLICABLE	

Active door	Passive door	Profile door				Package code
		Bottom latch	Top lock	Centre lock		
LE314/LE310/LE315	mechanical	LE930	LE931	LE932		PE901
LE314/LE310/LE315	electric handle control	LE930	LE931	PE932		PE905
EL480	mechanical	LE930	LE931	LE943		PE900
EL495	electric door automatics	LE930	PE941	LE943		PE903
EL495	electric door automatics / handle control	LE930	PE941	PE943		PE904
EL480	electric handle control	LE930	LE931	PE943		PE902

TECHNICAL SPECIFICATIONS

Operating voltage: 12 - 24 V DC (-10%/+15%, stab.)

Temperature range: -25 - +70 °C

Bolt throw: 14 mm

Backset: 30 mm (active and passive)

Forend: Chrome plating

Spindle: 8 mm

Monitoring outputs: for the active side, see the previous pages which introduce individual products

Certificates: EN14846 (for electromechanically operated locks), EN1634-1 (for fire resistance), EN179 (for emergency exit doors), EN1125 (for panic exit doors)

PE910 family

PE910–PE915 = Exit double door solution for solid doors.
This package contains passive door locks.

Door type DOUBLE LEAF SOLID	Usage level HIGH 	Security level MEDIUM 	
Exit door suitability 	Fire door suitability 	Automation suitability MENTIONED IN THE TABLE WHERE APPLICABLE	

Active door	Passive door	Profile door				Package code
		Bottom latch	Top lock	Centre lock		
LE181/LE183/LE186	mechanical	LE980	LE981	LE982		PE911
LE181/LE183/LE186	electric handle control	LE980	LE981	PE982		PE915
EL580	mechanical	LE980	LE981	LE953		PE910
PE592	electric door automatics	LE980	PE951	LE953		PE913
PE592	electric door automatics / handle control	LE980	PE951	PE953		PE914
EL580	electric handle control	LE980	LE981	PE953		PE912

TECHNICAL SPECIFICATIONS

Operating voltage: 12 - 24 V DC (-10%/+15%, stab.)

Temperature range: -25 - +70 °C

Bolt throw: 14 mm

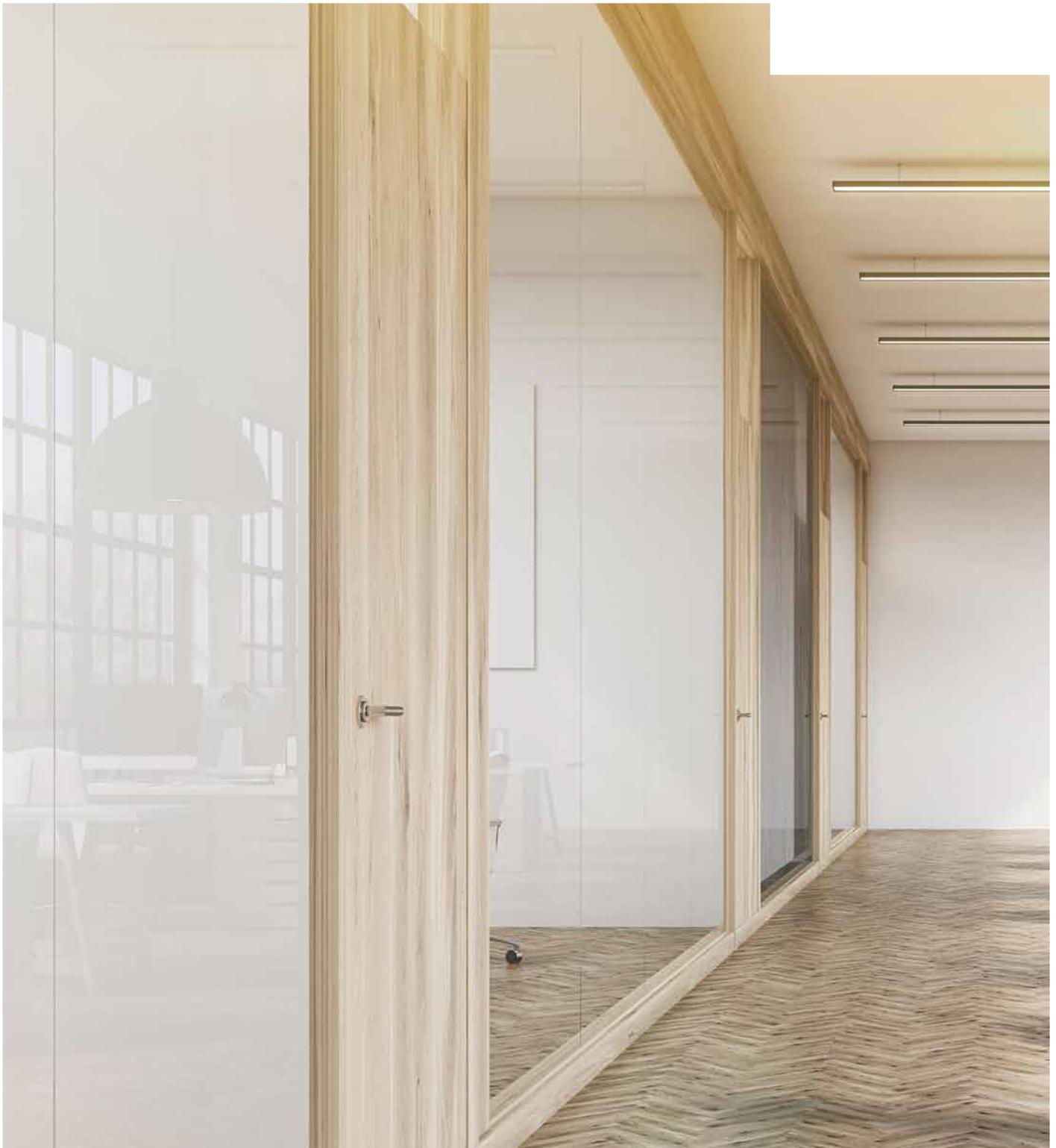
Backset: 70 mm for passive middle lock; 50 mm active side

Forend: Chrome plating

Spindle: 8 mm

Monitoring outputs: for the active side, see the previous pages which introduce individual products

Certificates: EN14846 (for electromechanically operated locks), EN1634-1 (for fire resistance), EN179 (for emergency exit doors), EN1125 (for panic exit doors)



8805004 | 4/2020

ABLOY offers security and locking innovations dedicated to creating 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.

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Abloy.com

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