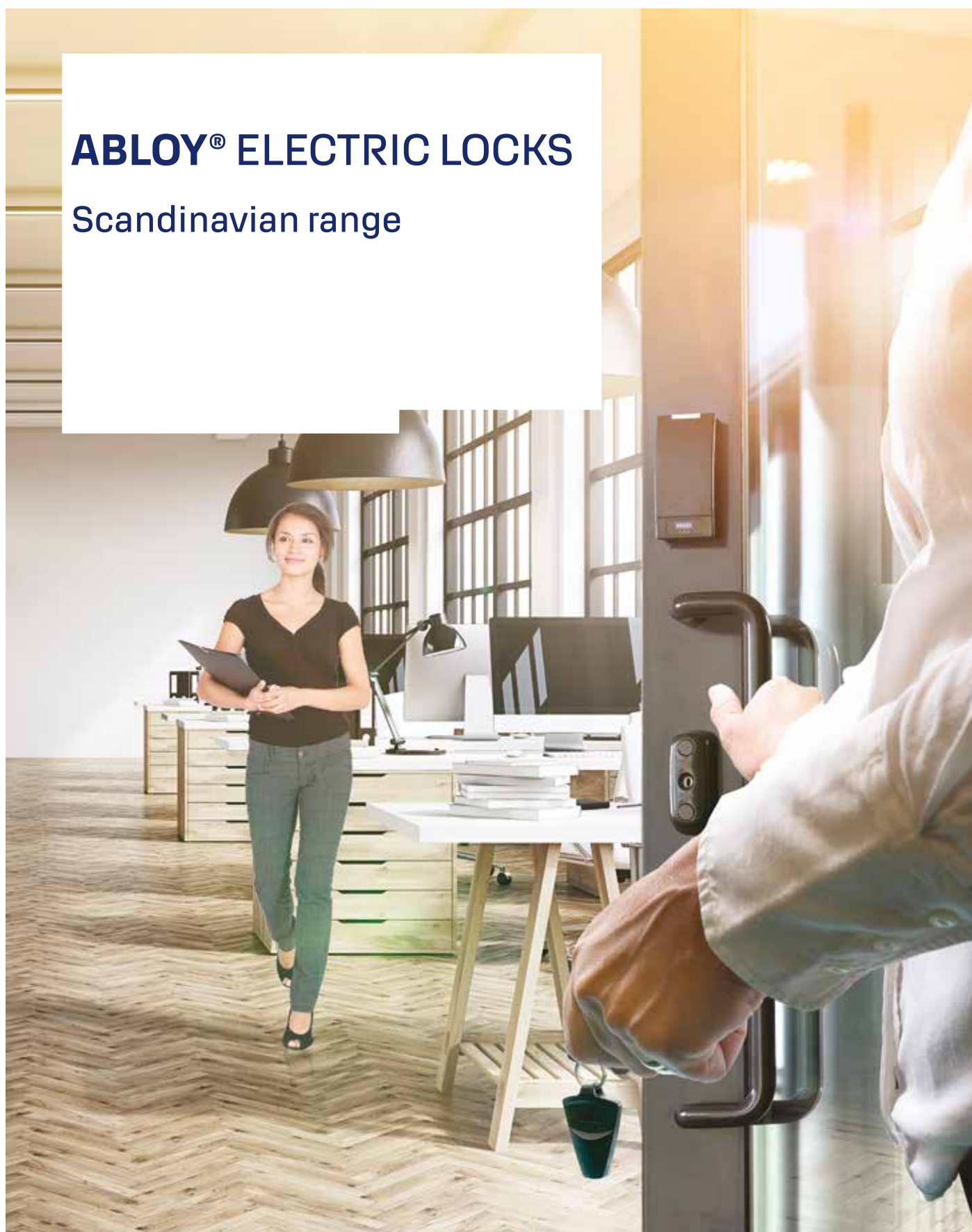


ABLOY® ELECTRIC LOCKS

Scandinavian range



ABLOY



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**



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





Motor locks

Motor lock applications are typically used in the exterior and fire doors of business premises, hospitals, educational facilities, sport halls and public and residential buildings. They are suitable for door automatics and two-way access controlled doors.

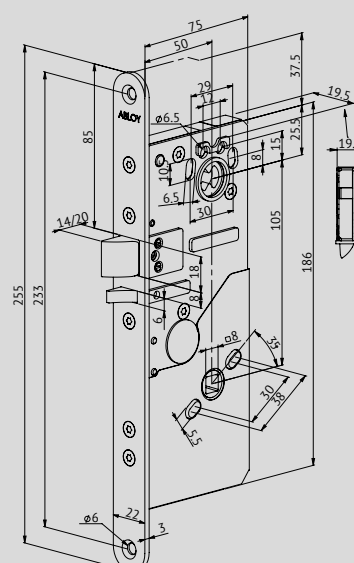
ABLOY motor locks offer convenience with exceptional mechanical security and durability for demanding and challenging door environments. The smart Day&Night function opens and locks doors centrally. It also switches intelligently to safe and security modes. Mechanical cylinder opening is always possible.

EL595FL = 2-way access controlled doors: the handle is electrically controlled and is deactivated in the event of a power cut.



TECHNICAL SPECIFICATIONS

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



EL495FL = 2-way access controlled doors: the handle is electrically controlled and is deactivated in the event of a power cut.

PROFILE — ACTIVE

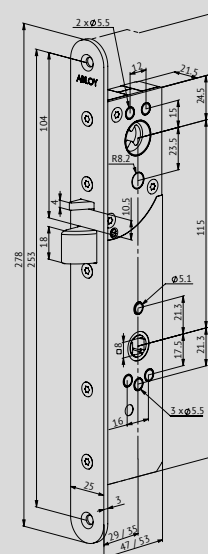
HIGH

HIGH



TECHNICAL SPECIFICATIONS

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



A photograph of a person in a dark jacket and light trousers walking through a glass door. The door is partially open, and a motor lock mechanism is visible on the door frame. The person is walking from left to right. The background shows a bright, possibly outdoor area.

High security motor locks

High security motor locks are used in medium- or high-traffic interior and exterior door environments in facilities such as commercial buildings, schools, universities and industrial premises. They can be used with door automatics.

ABLOY high security motor locks offer convenience with exceptional mechanical security and durability for demanding and challenging door environments. The Smart Day&Night function opens and locks doors centrally. It switches intelligently to safe and security modes. Mechanical cylinder opening is always possible.

EL648 = High security exterior or interior narrow stile doors which are unlocked during the day and need high-security locking at night. To be used as an auxiliary lock. Also suitable for applications where the door contact needs to be elsewhere than the strike plate. The databus is not encrypted.

NARROW STILE
ACTIVE

MEDIUM

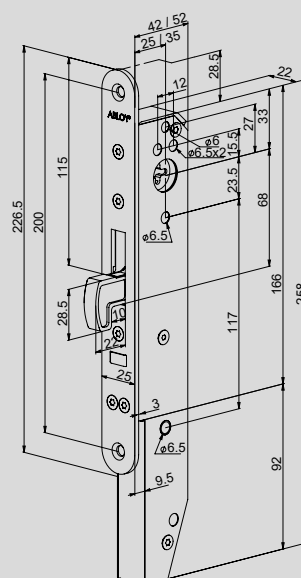


HIGH



TECHNICAL SPECIFICATIONS

Certificates: EN14846 (for electromechanically operated locks), EN1634-1 (for fire resistance)



EL572 family

EL572 = High security lock for night use in places with high security demand, such as offices and industrial premises. This lock can be used as daytime lock and electrically locked at night time. New hook bolt. One indication, bolt out (potential free). The deadbolt is electrically controlled. For stand-alone use.

EL573 = This lock should be supplemented with another lock for high frequency day use, for example the EL580. New hook bolt. One indication, bolt out (potential free). The deadbolt is electrically controlled.

Door type

**SOLID
ACTIVE**

Usage level

MEDIUM



Security level

HIGH



Exit door suitability



Fire door suitability



Automation suitability



TECHNICAL SPECIFICATIONS

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

Temperature range: -25 - +70°C

Bolt throw: 14 mm latch and 20 mm dead bolt

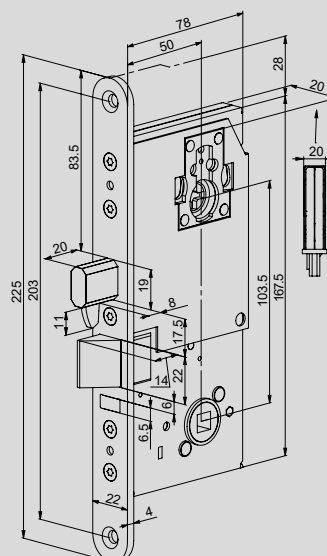
Backset: 50 mm

Forend: 22 mm, bright chrome

Spindle: 8 mm

Monitoring outputs: Dead bolt out

Certificates: EN14846 (for electromechanically operated locks), EN1634-1 (for fire resistance)



EL575 = High security exterior or interior solid doors which are unlocked during the day and electrically locked at night.



**SOLID
—
ACTIVE**

MEDIUM



HIGH



Operating voltage: 12 - 24 V DC (-10%/+15%, stab.)
12-18 VAC (-10%/+15%, RMS)

Temperature range: -25 - +70 °C

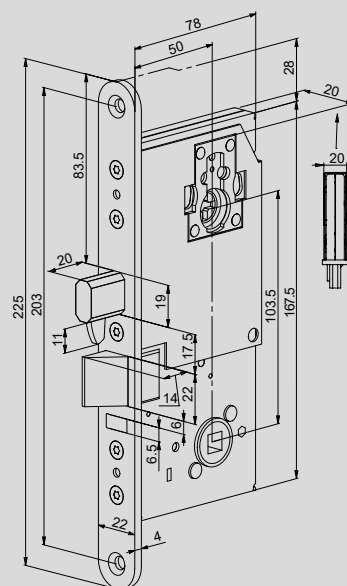
Bolt throw: 14 mm latch and 20 mm deadbolt

Backset: 50 mm

Forend: 22 mm, bright chrome

Spindle: 8 mm

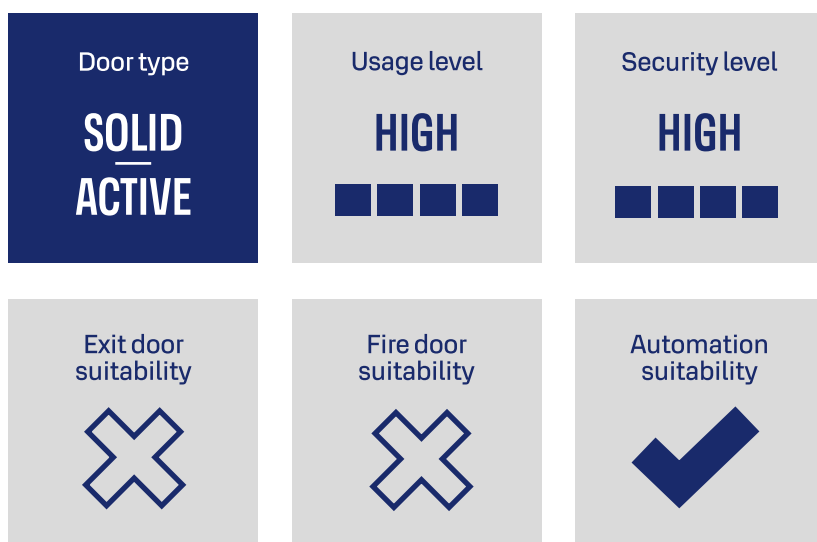
Monitoring outputs: Deadbolt out, deadbolt in, door status



EL754 family

EL754 = Suitable for exterior doors requiring high security. Especially suited for doors which are frequently used during the day. Includes two bolts which can be individually controlled. Ideal for use with access control systems and can be controlled by a variety of electrical impulse generating equipment such as card readers or timers.

EL755 = High security exterior or interior solid doors. A supplementary lock is recommended for high-frequency and day usage. The EL755 can be mounted with a pull handle or pressure plate. Used with the DAC-564 control unit.



**THE WHOLE
EL754 FAMILY
IS HI-O**



TECHNICAL SPECIFICATIONS

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

Temperature range: -25 – +70 °C

Bolt throw: 14 mm latch and 20 mm deadbolt

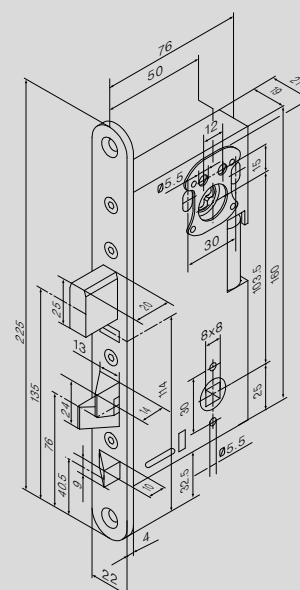
Backset: 50 mm

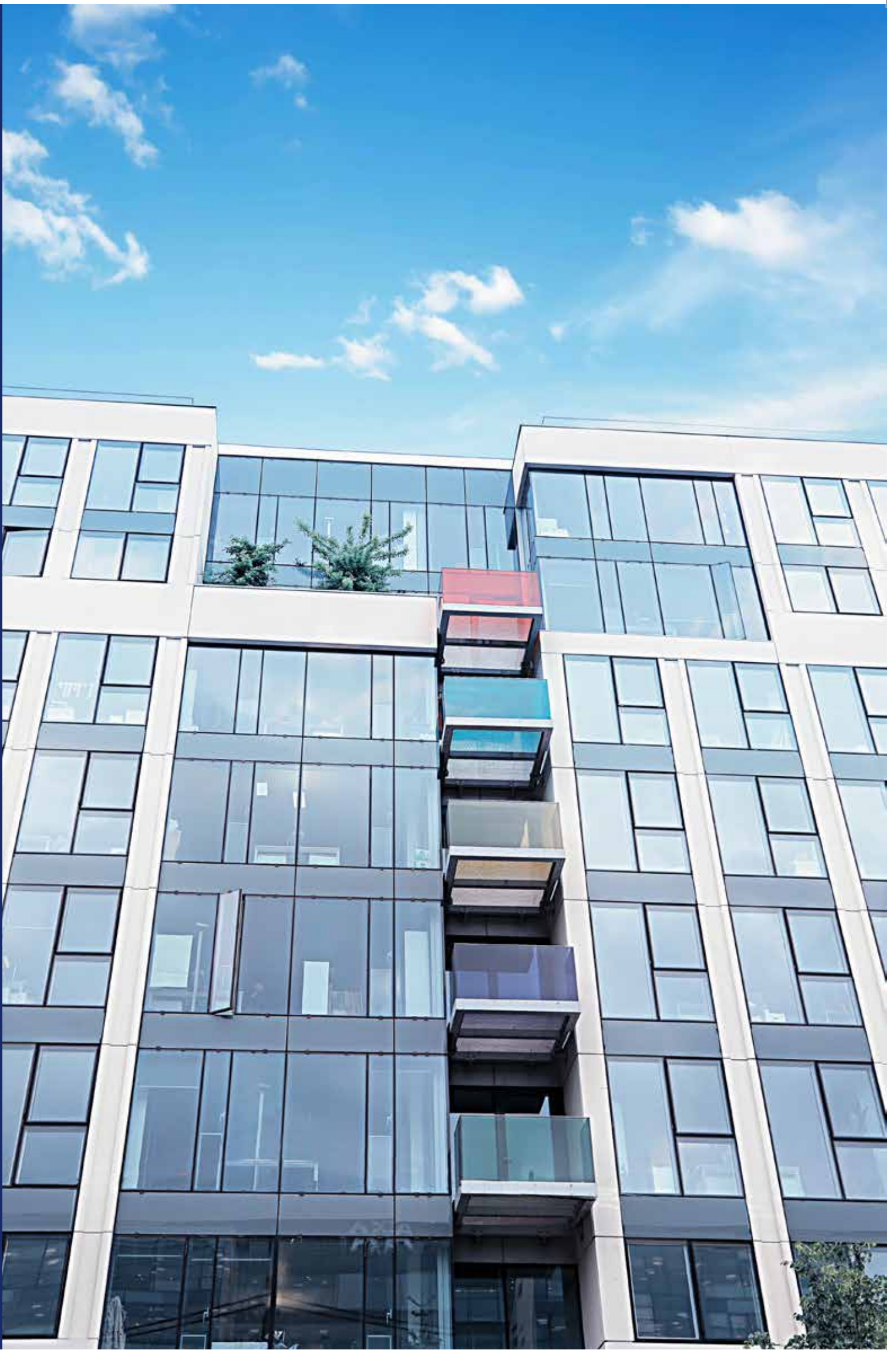
Forend: 22 mm, bright chrome

Spindle: 8 mm

Monitoring outputs: Security bolt out, security bolt in, double-action latch bolt open/locked, door closed/open

Certificates: EN14846 (for electromechanically operated locks), EN1634-1 (for fire resistance)





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)

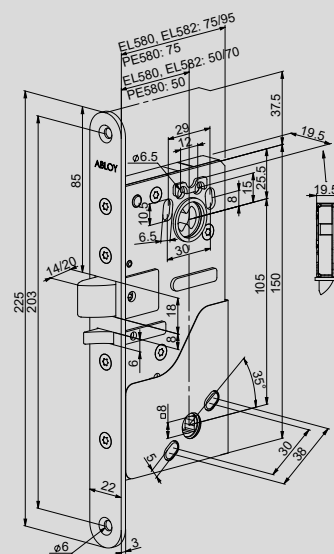
Backset: 50/70 mm (EL580, EL582), 50 mm (PE580)

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

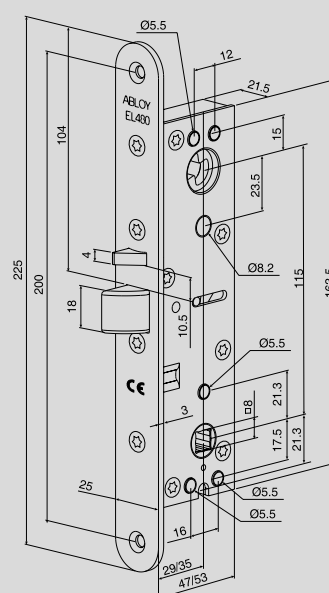
Backset: 29/35 mm

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)

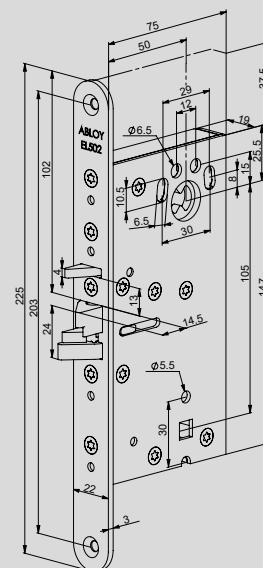
Backset: 50 mm

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)



ABLOY
EL402

PROFILE — ACTIVE

MEDIUM



MEDIUM

[illegible]







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



			Profile door			
Active door	Passive door		Bottom latch	Top lock	Centre lock	Package code
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	

			Profile door			
Active door	Passive door		Bottom latch	Top lock	Centre lock	Package code
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

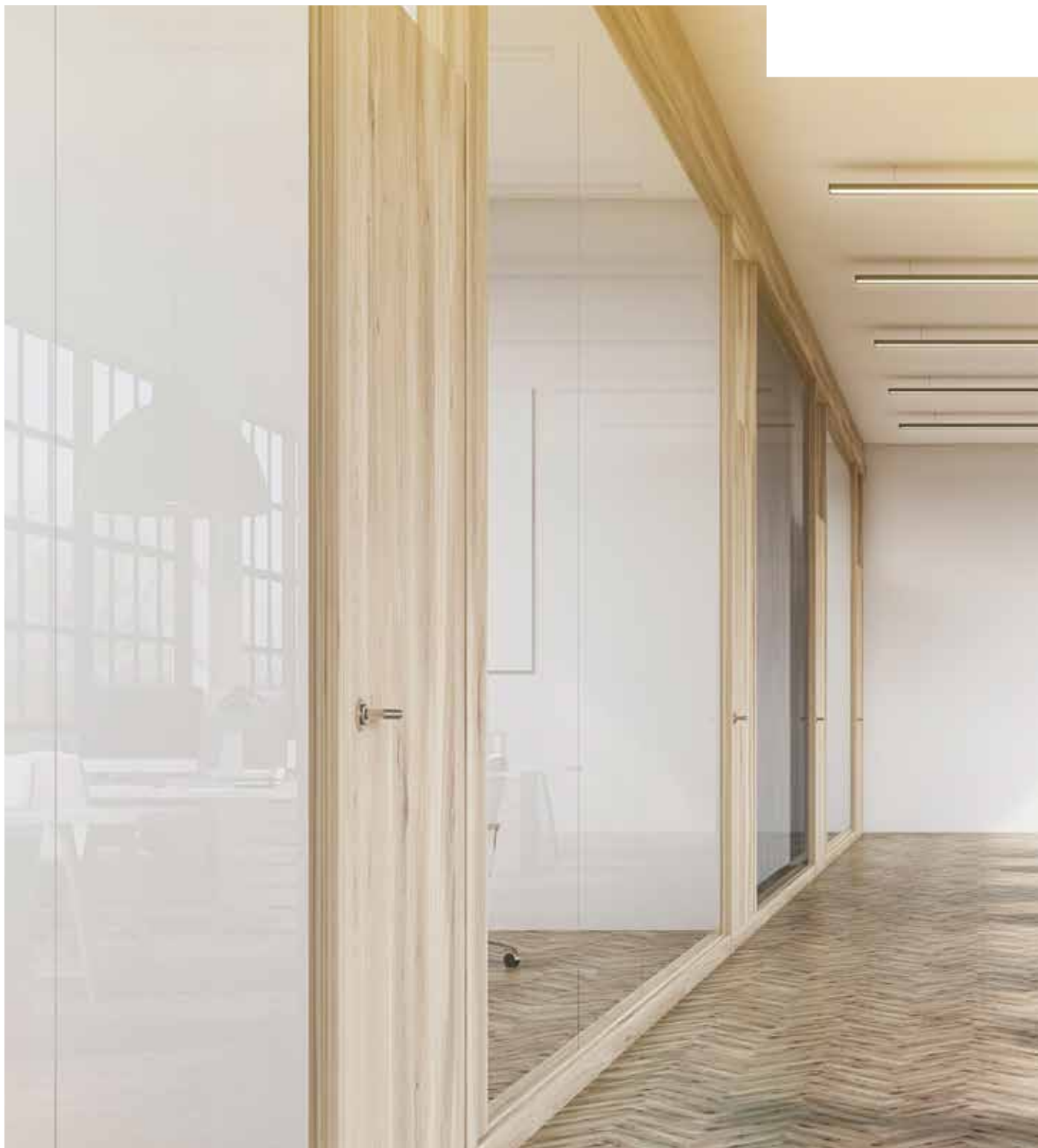
Backset: 70 mm for passive middle lock; 50 mm active side

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 | 12/2021

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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