

ABLOY® EL426, EL526 Europrofile multipoint motor locks



New **ABLOY®** multipoint locks are the latest extension to the wide **ABLOY®** Europrofile electromechanical lock case range.

FUNCTION

The **ABLOY®** multipoint motor locks offer several functional options with comprehensive selection of status indications in one multipoint locking solution. In addition to increased security, they offer the same versatility as **ABLOY®** singlepoint motor lock cases do.

ABLOY® multipoint locks contain EL420/EL520 based main motor lock in the middle and two auxiliary locks with hook bolts. All three lock cases share the same forend and the locks are controlled by the main lock in the middle.

The main lock has two deadlocking bolts: a double action bolt and a dead bolt. The dead bolt in the main lock and the hook bolts in the auxiliary locks are withdrawn inside the lock case by motor. The double action bolt in the main lock is released, when electrical control is on. The lock can always be opened by inside handle and by cylinder.

CONTROL SWITCH

Momentary: Dead bolt and hook bolts are retained inside the lock case for the adjusted delay of 2...15 seconds.

Continuous: Dead bolt and hook bolts are retained inside lock case as long as electrical control is on.

When the door closes, and the delay or electrical control is off, all bolts are deadlocked. In the case of power failure, the bolts are always deadlocked.

APPLICATION

Motor locks are used in doors requiring:

- Security
- Convenience (push / pull function)
- High durability (high traffic doors)

The locks are recommended to be used in the interior and exterior doors of business premises, public buildings, hospitals, educational premises etc. Typical applications are:

- Security doors
- Fire doors (high traffic)
- Entrance doors
- High traffic access controlled doors
- Swing doors with door automatics

EL526 are used in wooden and metal doors. EL426 are used in narrow profile doors. When exit by handle is needed, the lock is installed with the inside handle. When both access and exit is electrically controlled, the lock is installed with pulls on the both sides of the door. The locks can be electrically controlled by access control system or by other remote control system such as timer, keypad or push button.

The locks can be used in emergency exit, panic exit and in fire rated doors (EN).

Also available lock cases for Swiss cylinder (RZ):

- EL528 for wooden or metal doors
- EL428 for narrow profile doors

STANDARD DELIVERY

Lock case is delivered with opening direction 2.4.

Standard delivery includes:

- Lock case
- Fixing screws etc.
- Spindle adapters
- Installation manual

Please specify when ordering:

- Lock type
- Backset
- Forend length

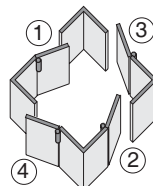
STANDARDS

EN STANDARDS

EN 179:1997 + A1:2001	Exit
EN 1125:1997 + A1:2001	Panic exit
EN 1634-1	Fire resistance
EN 61000-6-1:2001	EMC
EN 61000-6-3:2001	EMC
EN 12209	Mechanical resistance

OPENING DIRECTIONS

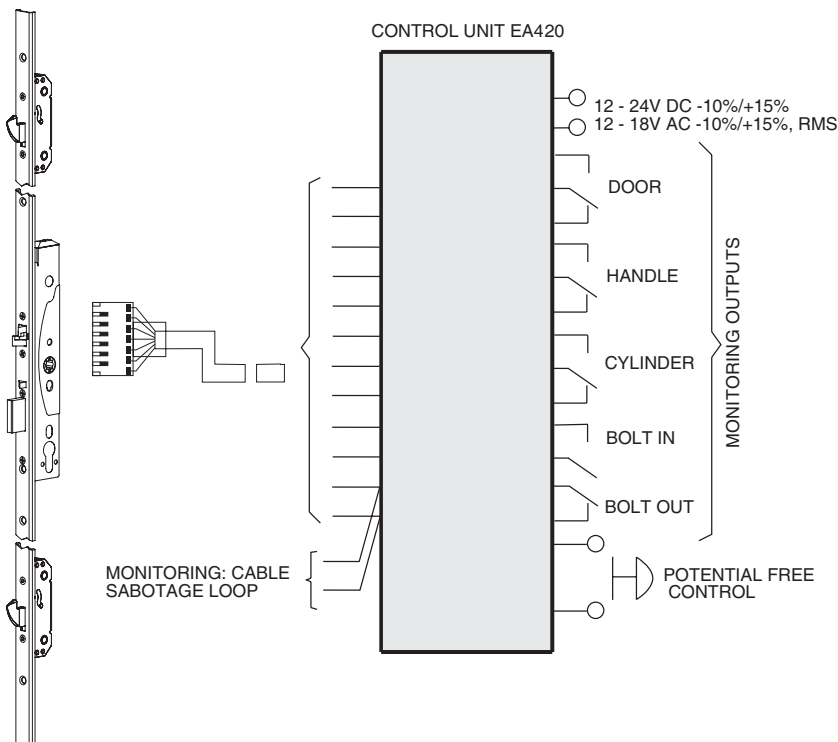
	ABLOY	DIN
①	Right inwards	Left inwards
②	Left inwards	Right inwards
③	Left outwards	Left outwards
④	Right outwards	Right outwards



TECHNICAL DETAILS

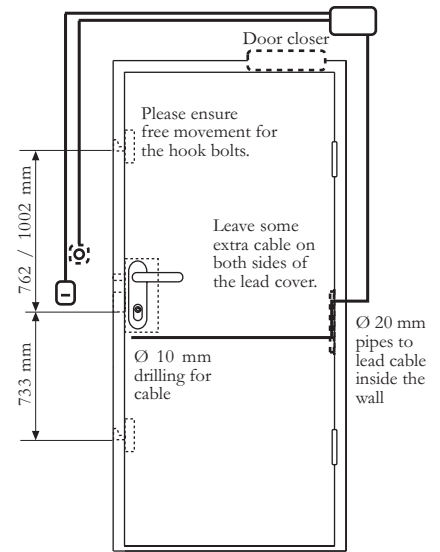
Operating voltage:	12 – 24 V DC (-10%, +15%) 12 - 18 V AC, RMS (-10%, +15%)
Current:	Max. 1.3 A (12 V), 0.6 A (24 V) Normal 0.45 A (12 V), 0.22 (24 V) Idle 0.08 A (12 V), 0.04 A (24 V)
Relays:	Max. 0.8 A 30 V AC/DC resist, 10 W
Operating temperature:	-20°C - +60°C
Bolt throw:	20 mm (deadbolt), 10 mm (double action bolt)
Backset:	55, 60, 65, 80, 100 mm (EL526) 30, 35, 40, 45 mm (EL426)
Forend:	24x6.5x1760/2000 mm
Spindle:	9 mm (8 mm with snap spindle adapter)
Door gap:	2-5.5
Settable functions:	Mechanical functions: - Handing of trigger bolt
Monitoring outputs:	Bolt deadlocked Bolt inside the lock case Door closed Handle down Cylinder use Cable sabotage

CONTROL PRINCIPLE AND AVAILABLE MONITORING OUTPUTS

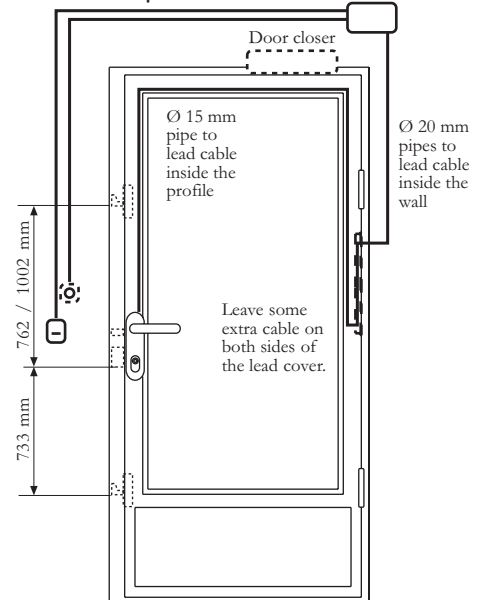


DOOR ENVIRONMENT

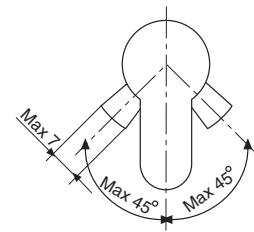
Wooden and metal doors



Narrow profile doors



CAM ANGLE



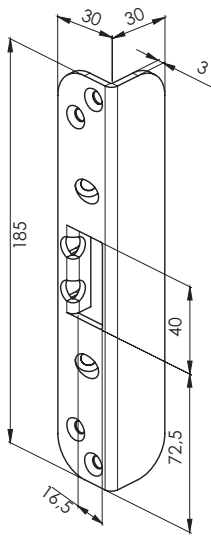
CYLINDERS, FITTINGS AND ACCESSORIES (please order separately)

	CYLINDERS ABLOY PROTEC	FITTINGS	CABLES	LEAD COVERS	STRIKER PLATES for main locks	STRIKER PLATES for auxiliary locks
Single	CY303N, CY313N CY321N, CY331N	IKON Ruko BEZAULT ABLOY** others	EA218 (6m) EA219 (10m)	EA280 EA281	EA321**)	EA306 LP778
Double	CY304N, CY314N CY322N, CY332N				EA322 EA323**)	
Single with thumbturn	CY305N, CY315N CY323N, CY333N				EA324 EA325 EA326 EA327 EA328 EA329 EA330 EA331	

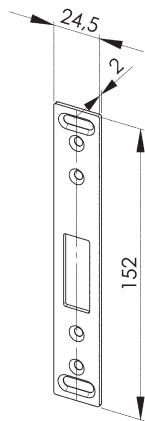
*) For further information, please contact Abloy Oy Tampere factory.
**) Handing must be defined

STRIKER PLATES

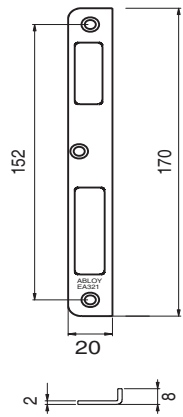
LP778



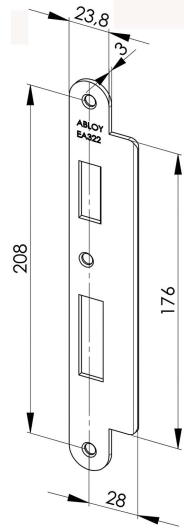
EA306



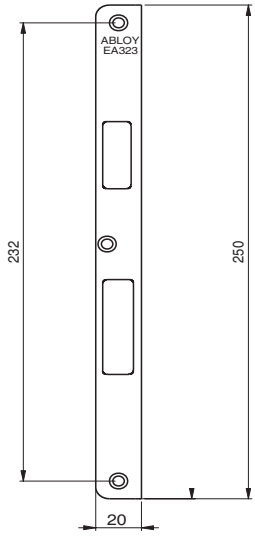
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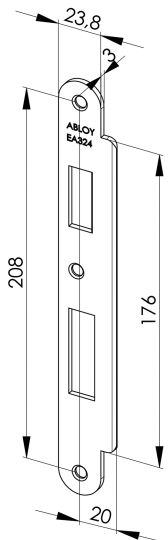
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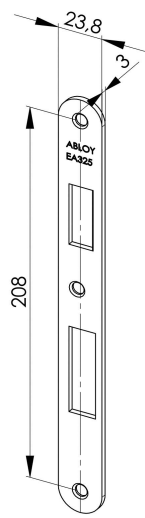
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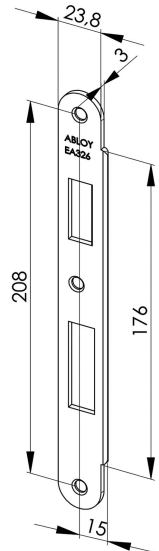
EA324



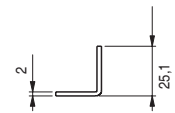
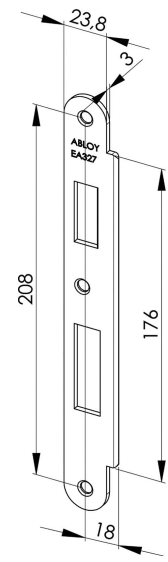
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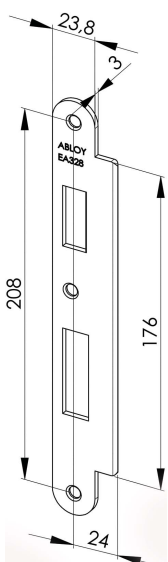
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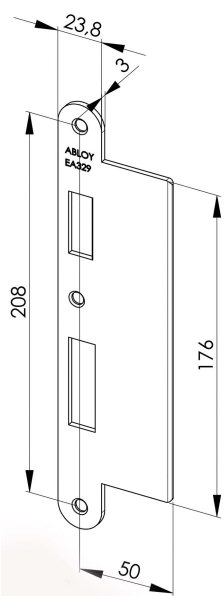
EA327



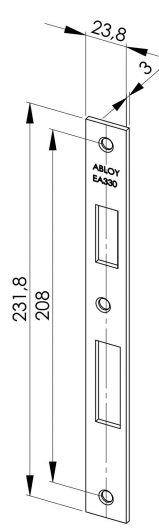
EA328



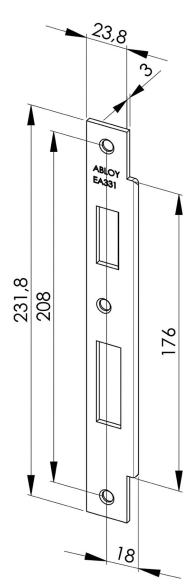
EA329



EA330

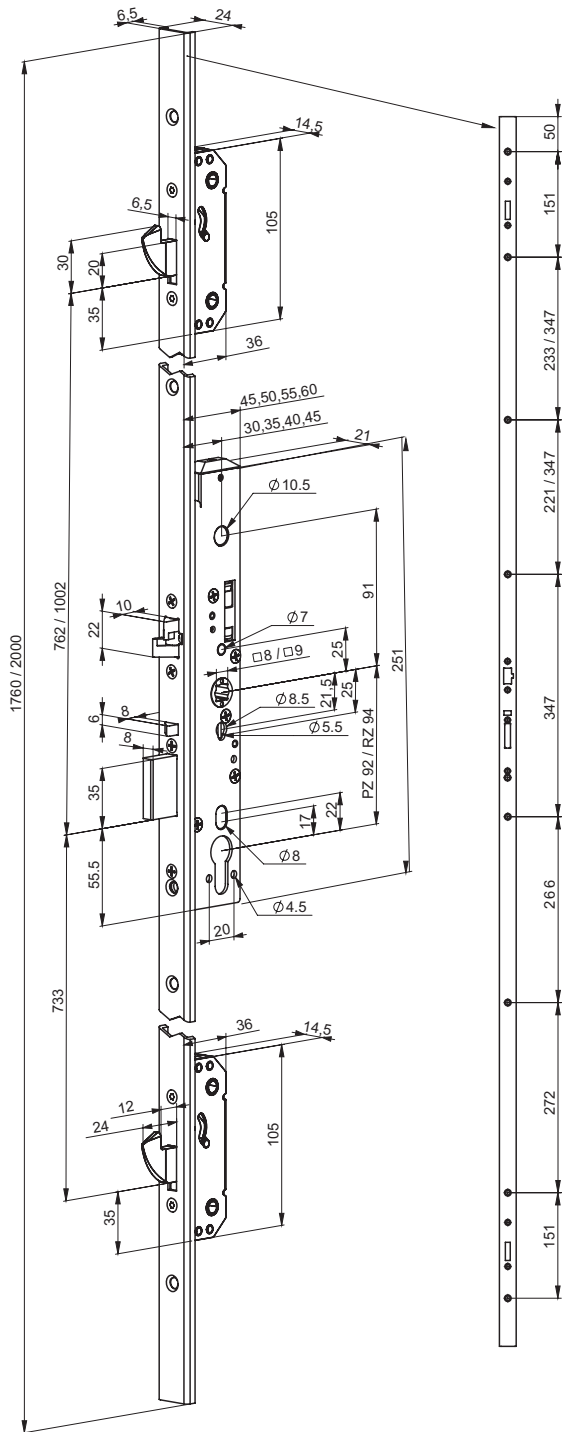


EA331

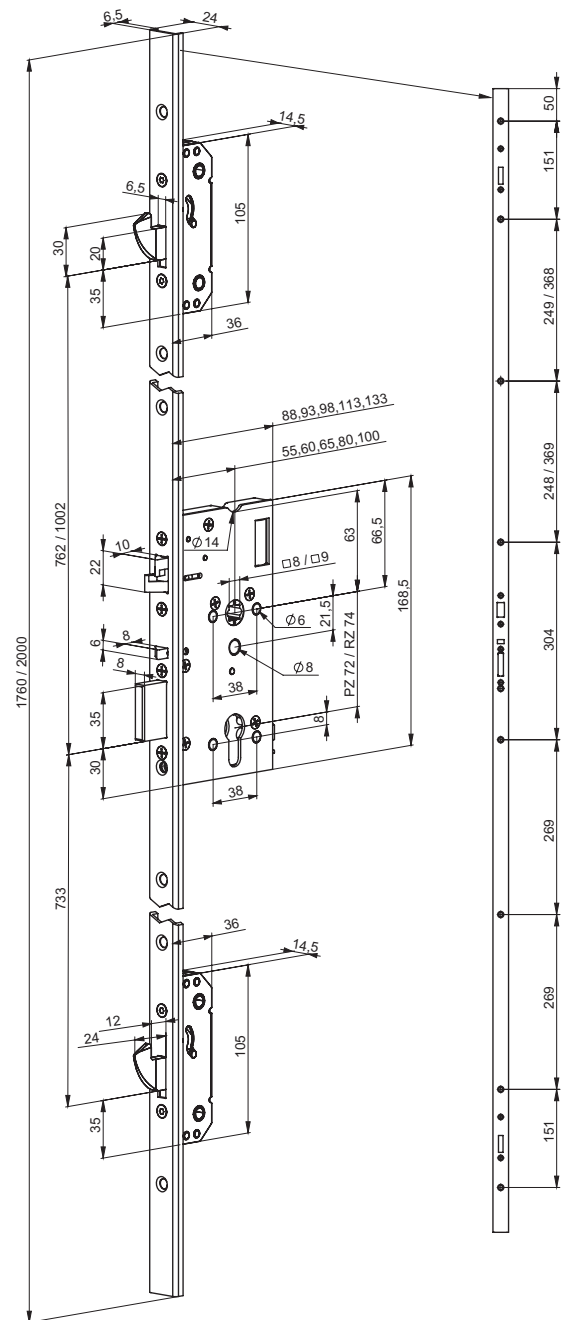


DIMENSIONS

EL426



EL526



EMERGENCY EXIT DEVICES ACCORDING TO EN 179

The following locks and handles are approved to be installed together in an emergency exit door to conform EN 179.

Profile door locks	ABLOY® DO 20.33.01 DO 20.33.02	IKON DO 20.15.02	FSB DO 20.03.01, DO 20.03.02	HEWI DO 20.13.01, DO 20.13.02	SAPEX DO 20.32.01 DO 20.32.02
EL426	e.g. ABLOY® INOXI 3-19/013 PZ+PZ, ABLOY® INOXI 3-19/013/120 PZ+BL	e.g. S6B3, S6B6	1016, 1023, 1056, 1070, 1080, 1088, 1090, 1117, 1118, 1119, 1137, 1146, 1155, 1160, 1161, 1162, 1177, 1178, 1191, 0612, 0616, 0617, 0619, 0625, 0627, 0628, 0646, 0662, 0665, 0680, 0681, 0682, 0688	111, 111.23, 114.23GK, 131, 132, 111X, 113X, 114X, 161X, 163X, 171X, 112X, 165X, 166X	e.g. 60-0719
EL428		e.g. S6B8			
Wooden and metal door locks	ABLOY® DO 20.33.01 DO 20.33.02	IKON DO 20.15.02			e.g. 60-0119
EL526	e.g. ABLOY® INOXI 3-19/012 PZ+PZ, ABLOY® INOXI 3-19/012/120 PZ+BL	e.g. S326, S426, S4K3			
EL528		e.g. S4K6			

The safety features of this product are essential to its compliance with EN 179. No modification of any kind, other than those described in the installation manual, are permitted.

PANIC EXIT DEVICES INSTALLATION ACCORDING TO EN 1125

The following locks and push bars are approved to be installed together in a panic exit door to conform EN 1125. The push bars can be installed for example with above mentioned outside fittings (Table EN 179) to conform EN 1125.

Profile door locks	effeff DO 30.04	JPM DO 30.05	TESA DO 30.06
EL426	8000-00-1100 (-), 8000-10-1100 (PZ)	NORMA 990000-XX-0A 990100-XX-0A 990001-XX-0A 990101-XX-0A 991000-XX-0A 991100-XX-0A 991001-XX-0A 991101-XX-0A	UNIVERSAL SERIE 19709G9xx
EL428	8000-00-1100 (-), 8000-11-1100 (RZ)		
Wooden and metal door locks	effeff DO 30.04		
EL526	8000-00-1100 (-), 8000-20-1100 (PZ)		
EL528	8000-00-1100 (-), 8000-21-1100 (RZ)		

The safety features of this product are essential to its compliance with EN 1125. No modification of any kind, other than those described in the installation manual, are permitted.

EN179 and EN1125 standards are conformed, when the above mentioned lock is installed with ABLOY® striker plates listed in this brochure.

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.



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