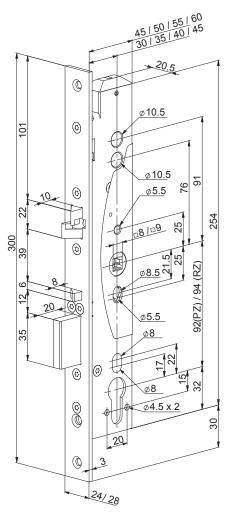
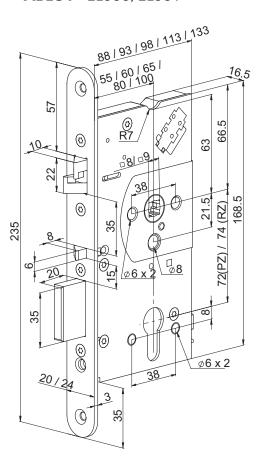
DIMENSIONS

ABLOY® EL460, EL461



ABLOY® EL560, EL561



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
EL460	e.g. ABLOY® INOXI 3-19/013 PZ+BL	e.g. S6B3, S6B6	10 1001 79, 06 1004 79 RTG/RTV, 10 1004 79, 06 1004 79 RTG/RTV, 10 101679, 06 1016 79 RTG/RTV, 10 1023 79, 06 1023 79 RTG/RTV,	111, 111.23, 114.23GK, 131, 132, 111X, 113X, 114X, 161X, 163X, 171X,	e.g. 60-00819
EL260 EL060	ABLOY ® INOXI 3-19/013/120 PZ+BL	e.g. S6B8	10 1035 79, 06 1035 79 RTG/RTV, 10 1045 79, 06 1045 79 RTG/RTV, 10 1070 79, 06 1070 79 RTG/RTV,	112X, 165X, 166X	
Wooden and metal door locks	ABLOY® DO 20.33.01 DO 20.33.02	IKON DO 20.15.02	10 1078 79, 06 1078 79 RTG/RTV, 10 1093 79, 06 1093 79 RTG/RTV, 10 1107 79, 06 1107 79 RTG/RTV, 10 1108 79, 06 1108 79 RTG/RTV, 10 1119 79, 06 1119 79 RTG/RTV,		SAPEX DO 20.32.01 DO 20.32.02
EL560	e.g. ABLOY ® INOXI 3-19/012 PZ+BL	e.g. S326, S426, S4K3	10 1146 79, 06 1146 79 RTG/RTV, 10 1159 79, 06 1159 79 RTG/RTV, 10 1160 79, 06 1160 79 RTG/RTV, 10 1163 79, 06 1163 79 RTG/RTV, 10 1189 79, 06 1183 79 RTG,		e.g. 60-0419, 60-03
EL360 EL160	ABLOY ® INOXI 3-19/012/120 PZ+BL	e.g. S4K6	10 1222 79, 06 1222 79 RTG/RTV		

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 an 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	HEWI DO 30.10	
EL460, EL260, EL060	8000-00-1100 (-), 8000-10-1100 (PZ)			HEWI PS 160XA	
EL462, EL262, EL062	8000-00-1100 (-), 8000-11-1100 (RZ)	NORMA 990000-XX-0A		40°	
Wooden and metal door locks	effeff DO 30.04	990100-XX-0A 990001-XX-0A 990101-XX-0A 991000-XX-0A	TESA DO 30.06		
EL560, EL360, EL160	8000-00-1100 (-), 8000-20-1100 (PZ)	991100-XX-0A 991001-XX-0A 991101-XX-0A	UNIVERSAL SERIE		
EL562, EL362, EL162	8000-00-1100 (-), 8000-21-1100 (RZ)		19709G9xx		

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 comformed, when the above mentioned lock is installed with **ABLOY®** strike 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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ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

P.O.Box 108 FI-80101 JOENSUU FINLAND Tel. +358 20 599 2501 Fax +358 20 599 2209



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Abloy Oy is one of the leading manufacturer of locks, locking systems and architectural hardware and the world's leading developer of products in the field of electromechanical locking technology.



ABLOY® EL460, EL461, EL560, EL561

Europrofile handle controlled locks



solution for medium traffic doors. Locks can be installed with long plates or roses.

Convenience, High security, High durability - Europrofile handle controlled locks

APPLICATIONS

The locks are recommended to be used in interior doors of business ABLOY® EL560 and ABLOY® EL561 are used in wooden and Typical applications are the doors of:

- Meeting rooms - Storage rooms
- Technical maintenance rooms



premises, public buildings, hospitals, educational premises etc. metal doors. ABLOY® EL460 and ABLOY® EL461 are used in narrow profile doors. EL560 or EL460 with split spindle is chosen, when exit by handle is needed. EL561 or EL461 is used, when both access and exit are electrically controlled.

> Handle controlled locks are best suited in medium traffic doors. The locks can be electrically controlled by access control system or by a remote control system such as timer, keypad or push button.

> The locks can be used both in exit and fire rated doors (EN). The locks are not suitable for use with door automatics.

- Microswitch locks

EL360 for wooden and metal doors EL260 for narrow profile doors

- Mechanical locks

EL160 for wooden and metal doors EL060 for narrow profile doors

Also available lock cases for Swiss cylinder (RZ):

- EL562 (split spindle), EL563 (through spindle) for wooden and metal doors
- EL462 (split spindle), EL463 (through spindle) for narrow profile
- EL362 microswitch lock for wooden and metal doors
- EL262 microswitch lock for narrow profile doors
- EL162 mechanical lock for wooden and metal doors
- EL062 mechanical lock for narrow profile doors

FUNCTION

Handle controlled locks can be set to function as fail locked or as fail unlocked. In the fail locked setting, the lock can be opened by controlled handle when power is on, and it can not be opened by controlled handle, when power is off. In the fail unlocked setting, the electrical function is the opposite.

ABLOY® EL560 and ABLOY® EL460

Only outside handle is electrically controlled. The lock can always be opened by inside handle. Mechanical opening by cylinder is always

ABLOY® EL561 and ABLOY® EL461

Both inside and outside handles are electrically controlled. Mechanical opening by cylinder or thumbturn is always possible.

STANDARDS

EN STANDARDS

EN 1125 Panic exit EN 1634-1 Fire resistance EN 61000-6-1 EMC

EN 61000-6-3 EN 14846 Electric locks

LOCAL STANDARDS

SKG, mechanical strength NEN 5089:1995 and burglary resistance

Ablov lock cases are always tested according to the latest versions of the standards.

STANDARD DELIVERY

Standard delivery includes:

- Lock case is delivered as fail locked
- Fixing screws
- Spindle adapters
- Lock case manual

Please specify when ordering: - Lock type

- Backset
- Forend
- Strike plate
- Split spindle EA288 or EA289 (EL460 and EL560)

TECHNICAL DETAILS

Current:

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

Max. 0.55 A (12V DC), 0.27 A (24V DC) Idle 0.24 A (12V DC), 0.13 A (24V DC)

Max. 0.5 A 30 V AC/DC resist, 10 W Microswitches:

Operating temperature: -20°C - +60°C

20 mm (deadbolt), 10 mm (double action bolt) Bolt throw: 55, 60, 65, 80, 100 mm (EL560, EL561) Backset:

30, 35, 40, 45 mm (EL460, EL461) 20, 24 mm (EL560, EL561) Forend: 24, 28 mm (EL460, EL461)

Spindle: 9 mm (8 mm with spindle adapters) Settable functions: Mechanical functions:

- Handing of trigger bolt - Electrically controlled side (EL560, EL460)

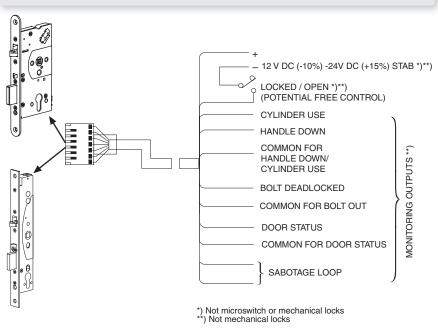
Electrical function:

- Fail locked / Fail unlocked

Monitoring outputs: Bolt deadlocked

> Door status Handle used Cylinder used Cable sabotage

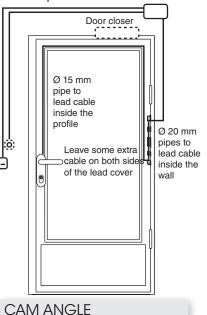
CONTROL PRINCIPLE AND AVAILABLE MONITORING OUTPUTS

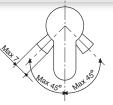


DOOR ENVIRONMENT

Wooden and metal doors Door close Leave some extra cable on both sides of the lead Ø 10 mm pipes to drilling for lead cable inside the

Narrow profile doors





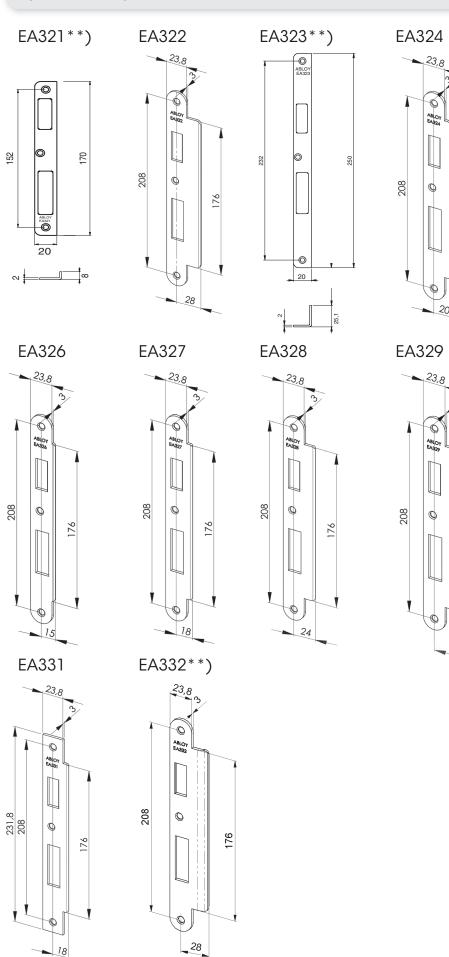
CYLINDERS, FITTINGS AND ACCESSORIES (Please order separately)

	EUROPROFILE DIN CYLINDER			SPLIT	CABLES	LEAD	STRIKE
	ABLOY NOVEL	ABLOY PROTEC ²	FITTINGS	SPINDLES		COVERS	PLATES
Single	CY321U CY331U	CY321T CY331T	- ABLOY®*) IKON Ruko BEZAULT others	EA288 (8mm) EA289 (9mm)			EA321**) EA322 EA323**) EA324 EA325 EA326 EA327 EA328 EA329 EA330 EA331 EA332**)
Double	CY322U CY332U	CY321T CY331T			EA218 (6m) EA219 (10m) EA232 (20m)	EA280 EA281	
Single with thumbturn	CY323U CY333U	CY323T CY333T					

^{*)} For further information, please contact Abloy Oy Architectural hardware.

STRIKE PLATES

**) Handing must be defined



EA330

^{*)} Handing must be defined.