

## 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                     | IKON<br>DO 20.15.02         | FSB<br>DO 20.03.01, DO 20.03.02                                                                                                                                                                                                             | HEWI<br>DO 20.13.01, DO 20.13.02                                                                     |
|----------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| EL460<br>EL462                         | e.g. S6B3, S6B6             | 1016, 1023, 1052,<br>1056, 1070, 1080,<br>1088, 1090, 1117,<br>1118, 1119, 1137,<br>1146, 1155, 1160,<br>1161, 1162, 1177,<br>1178, 1191, 0612,<br>0616, 0617, 0619,<br>0625, 0627, 0628,<br>0646, 0662, 0665,<br>0680, 0681, 0682,<br>0688 | 111, 111.23,<br>114.23GK, 131,<br>132, 111X, 113X,<br>114X, 161X, 163X,<br>171X, 112X, 165X,<br>166X |
| EL260<br>EL262<br>EL060<br>EL062       | e.g. S6B8                   |                                                                                                                                                                                                                                             |                                                                                                      |
| <b>Wooden and metal<br/>door locks</b> | <b>IKON<br/>DO 20.15.02</b> |                                                                                                                                                                                                                                             |                                                                                                      |
| EL560<br>EL562                         | e.g. S326, S426, S4K3       |                                                                                                                                                                                                                                             |                                                                                                      |
| EL360<br>EL362<br>EL160<br>EL162       | 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<br>DO 30.04                  | JPM<br>DO 30.05                                                                      |
|----------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------|
| EL460<br>EL260<br>EL060                | 8000-00-1100 (-), 8000-10-1100 (PZ) |                                                                                      |
| EL462<br>EL262<br>EL062                |                                     |                                                                                      |
| <b>Wooden and metal<br/>door locks</b> | <b>effeff<br/>DO 30.04</b>          | NORMA 870000-30-0A<br>NORMA 870000-31-0A<br>NORMA 870000-32-0A<br>NORMA 870000-33-0A |
| EL560<br>EL360<br>EL160<br>EL562       | 8000-00-1100 (-), 8000-20-1100 (PZ) |                                                                                      |
| EL362<br>EL162                         | 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.

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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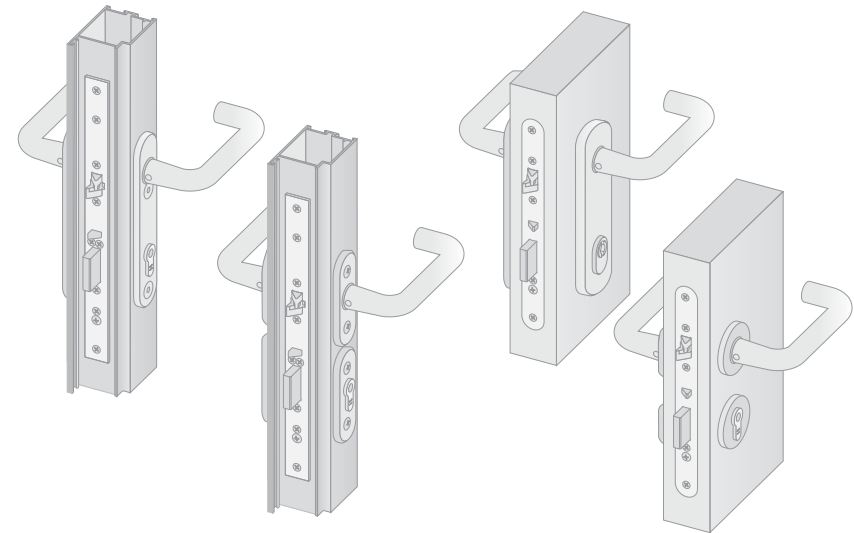


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## ABLOY® EL460, EL461, EL560, EL561 - Europrofile handle controlled locks

ABLOY® EL460, EL461

ABLOY® EL560, EL561



New Europrofile locks can be installed with long plates or roses.

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 handle, when power is on, and it can not be opened by 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 possible.

**ABLOY® EL561 and ABLOY® EL461**  
Both inside and outside handles are electrically controlled. Mechanical opening by cylinder or thumbturn is always possible.

APPLICATION

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

- offices
- meeting rooms
- storage rooms
- technical maintenance rooms
- consulting rooms
- fire doors (medium traffic)

EL560 and EL561 are used in wooden and metal doors. EL460 and 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 chosen, 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 to be used with door automatics.

- Also available:
- 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 doors
  - 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

STANDARD DELIVERY

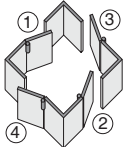
Lock case is delivered as Fail locked and its opening direction (handing) is 4 (split spindle) or 2.4 (other models).

- Standard delivery includes:
- Lock case
  - Fixing screws etc.
  - Spindle adapters
  - Installation manual

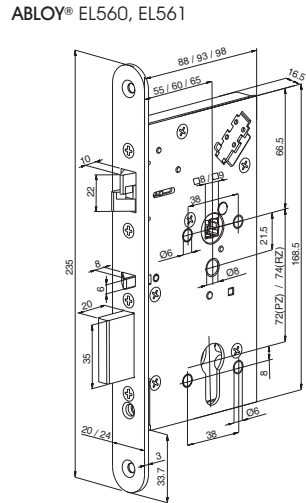
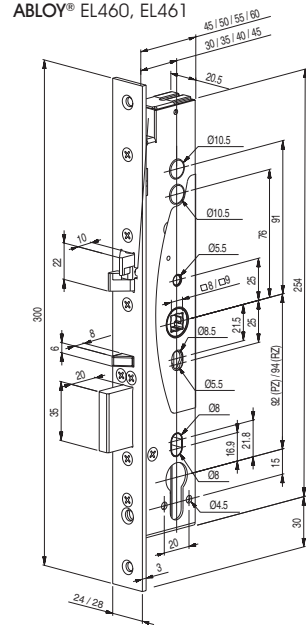
Please specify when ordering:

- Lock type
- Backset, Forend
- Opening direction to select strike plate

| OPENING DIRECTIONS (HANDINGS) |                |
|-------------------------------|----------------|
| ABLOY                         | DIN            |
| ① Right inwards               | Left inwards   |
| ② Left inwards                | Right inwards  |
| ③ Left outwards               | Left outwards  |
| ④ Right outwards              | Right outwards |



DIMENSIONS



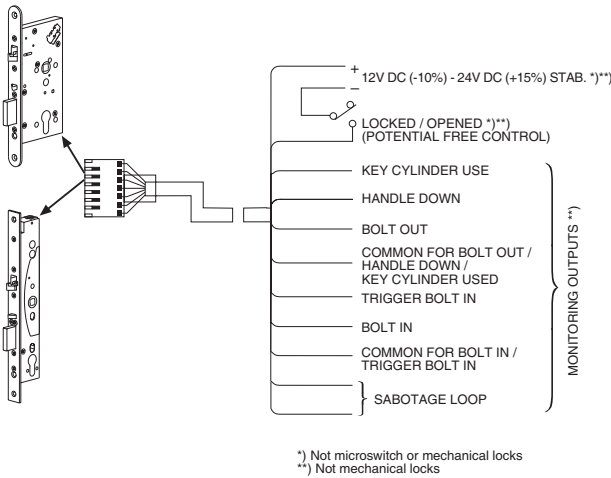
STANDARDS

| EN STANDARDS                    |                                                  |
|---------------------------------|--------------------------------------------------|
| EN 179:2003                     | Exit                                             |
| EN 1125                         | Panic exit                                       |
| EN 1634-1                       | Fire resistance                                  |
| EN 61000-6-1:2001               | EMC                                              |
| EN 61000-6-3:2001               | EMC                                              |
| prEN STANDARDS (under testing)  |                                                  |
| prEN 12209                      | Mechanical resistance                            |
| prEN 1627                       | Burglary resistance                              |
| LOCAL STANDARDS (under testing) |                                                  |
| NEN 5089:1995                   | SKG, mechanical strength and burglary resistance |
| GOST-R                          |                                                  |

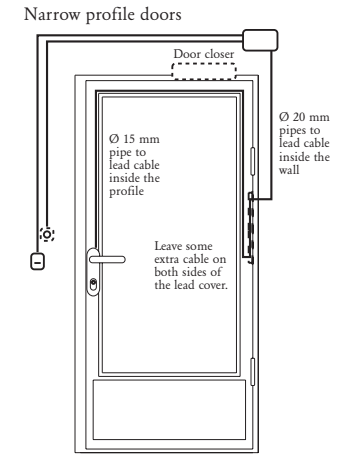
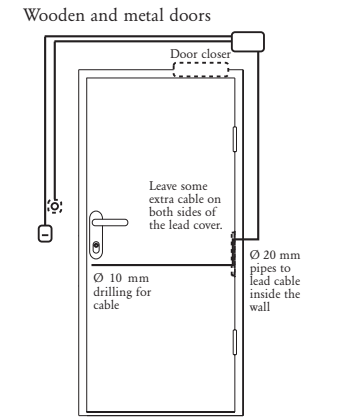
TECHNICAL DETAILS

- Operating voltage: 12 – 24 V DC STAB (-10%, +15%)  
Current: Max. 0.4 A (12V DC), 0.17 A (24V DC), less than a second  
Idle 0.13 A (12V DC), 0.065 A (24V DC)  
Max. 0.5 A 30 V AC/DC resist, 10 W
- Micro switches:  
Operating temperature: -20°C - +60°C
- Bolt throw: 20 mm (deadbolt), 10 mm (double action bolt)  
Backset: 55, 60, 65 mm (EL560, EL561)  
30, 35, 40, 45 mm (EL460, EL461)
- Forend: 20, 24 mm (EL560, EL561)  
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  
Bolt inside the lock case  
Trigger bolt in  
Handle used  
Cylinder used  
Cable sabotage

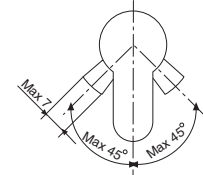
CONTROL PRINCIPLE AND AVAILABLE MONITORING OUTPUTS



DOOR ENVIRONMENT



CAM ANGLE



COMPATIBILITY CHART FOR CYLINDERS, FITTINGS AND ACCESSORIES

|                       | EUROPROFILE DIN CYLINDERS        |                    | FITTINGS                                   | ACCESSORIES (please order separately) |                |                               |
|-----------------------|----------------------------------|--------------------|--------------------------------------------|---------------------------------------|----------------|-------------------------------|
|                       | ABLOY PROTEC                     | ABLOY DISKLOCK PRO |                                            | CABLES                                | LEAD COVERS    | STRIKE PLATE                  |
| Single                | CY303N, CY313N<br>CY307N, CY317N | CY303D             | IKON<br>Ruko<br>BEZAULT<br>ABLOY**) others | EA218 (6m)<br>EA219(10m)              | EA280<br>EA281 | EA321**) EA322 EA323**) EA324 |
| Double                | CY304N, CY314N<br>CY308N, CY318N | CY304D             |                                            |                                       |                |                               |
| Single with thumbturn | CY305N, CY315N<br>CY309N, CY319N | CY305D             |                                            |                                       |                |                               |

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

Please, notice, that the split spindle is not included in the lock case package.