

ABLOY® EL412 ELECTROMECHANICAL LOCK FOR NARROW STILE DOORS

SCANDINAVIAN RANGE



ELECTRIC LOCKS ABLOY® EL412, EL413 WITH DOUBLE ACTION BOLT

TECHNICAL DETAILS

| | |
|-------------------|---|
| Operating voltage | 12VDC -10%/+15% or 24VDC ± 15% |
| Typ. current | 0.24 A (24V, +20°C) or 0.46 A (12V, +20°C) |
| Temperature range | -20°C...+60°C |
| Bolt throw | 14 mm |
| Backset | 25, 28, 30, 35 mm |
| Forend | 25 mm |

FINISH

Chrome plated forend, lock body
chrome plated.

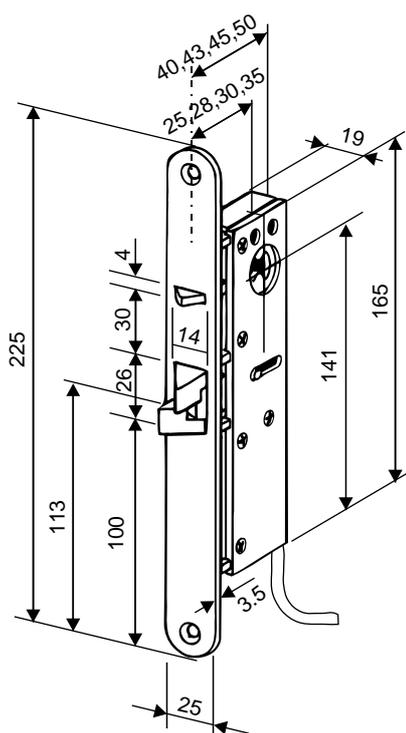
CYLINDERS

- Scandinavian oval type; ABLOY® DISKLOCK PRO, ASSA, RUKO, TrioVing or other.
- Finnish type; ABLOY® CLASSIC or ABLOY® DISKLOCK PRO.

PACKAGE

Lock case, striker plate 4613, spacers 442549, connection plugs, fixing screws, drilling, fitting and wiring instructions.

DIMENSIONS



ABLOY® EL412 is a fail locked type and ABLOY® EL413 a fail unlocked type lock for narrow stile doors.

APPLICATION

EL412 and EL413 are used i.e. in the exterior doors of apartment buildings and business premises. Please note that EL413 is always recommended to be installed with inside thumbturn.

The locks include a special double action bolt for quick and easy use and offer a cost-effective way of electric locking that is highly advantageous in comparison to i.e. electric strike.

The lock can be controlled by a variety of electrical impulse generating equipment, i.e. card reader, keypad and timer.

The lock can be connected to automatic swing door operators and is very suitable for use in access control systems.

The locks can also be mounted horizontally.

Also available:

- EL412 and EL413 with symmetrical trigger bolt for use in swinging doors.

FUNCTION

EL412

Door can be opened by pushing or pulling when electric control is switched on.
When electric control is switched off, lock can be operated by key or thumbturn only.

EL413

Door can be opened by pushing or pulling when electric control is switched off.
When electric control is switched on, lock can be operated with key or thumbturn only.

Lock is always automatically deadlocked when door closes. Lock cases are equipped with an integral microswitch to indicate unlocked/locked position.

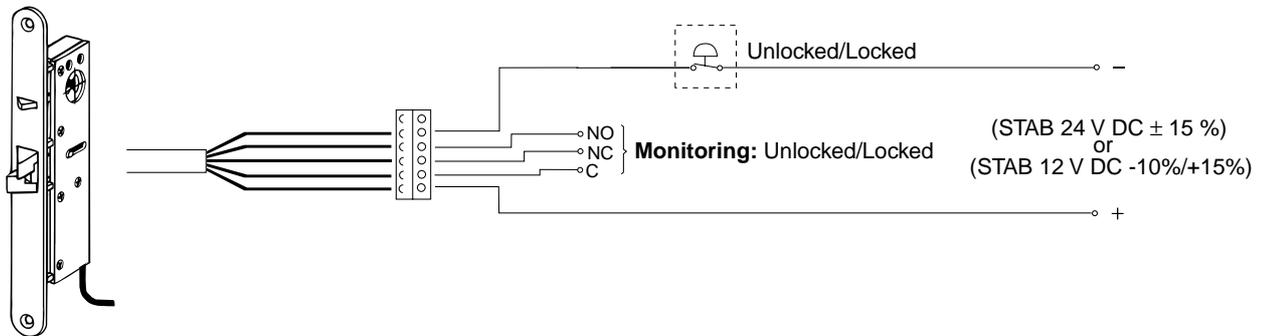
Note:

EL412 and EL413 are not recommended for use in doors with seal force.

In swinging doors the lock may be locked only when the door is in the closed position.



WIRING DIAGRAM



COMPATIBILITY CHART FOR CYLINDERS, FITTINGS AND ACCESSORIES

| CYLINDERS AND FITTINGS | | | ACCESSORIES (Please order separately) | | |
|------------------------|-------------------|--|---------------------------------------|-------|------------|
| | ABLOY CLASSIC | ABLOY DISKLOCK PRO | Strike | Cable | Lead cover |
| | Cylinder/fittings | Cylinder/fittings | | | |
| Single w/ thumbturn | 5719C (CY066C)*) | 5719D (CY066D) (F)*) CY201D (SO)/6411 | 4614 | EA211 | 8810/8811 |
| Double | 5718C (CY067C) | 5718D (CY067D) (F) CY202D (SO)/6412 | | | |

*) compatible with emergency exit dome 6428
SO= Scandinavian oval, F=Finnish