

Trapped Key Interlocking Systems

Key Exchange Units
ELC 19 to 24



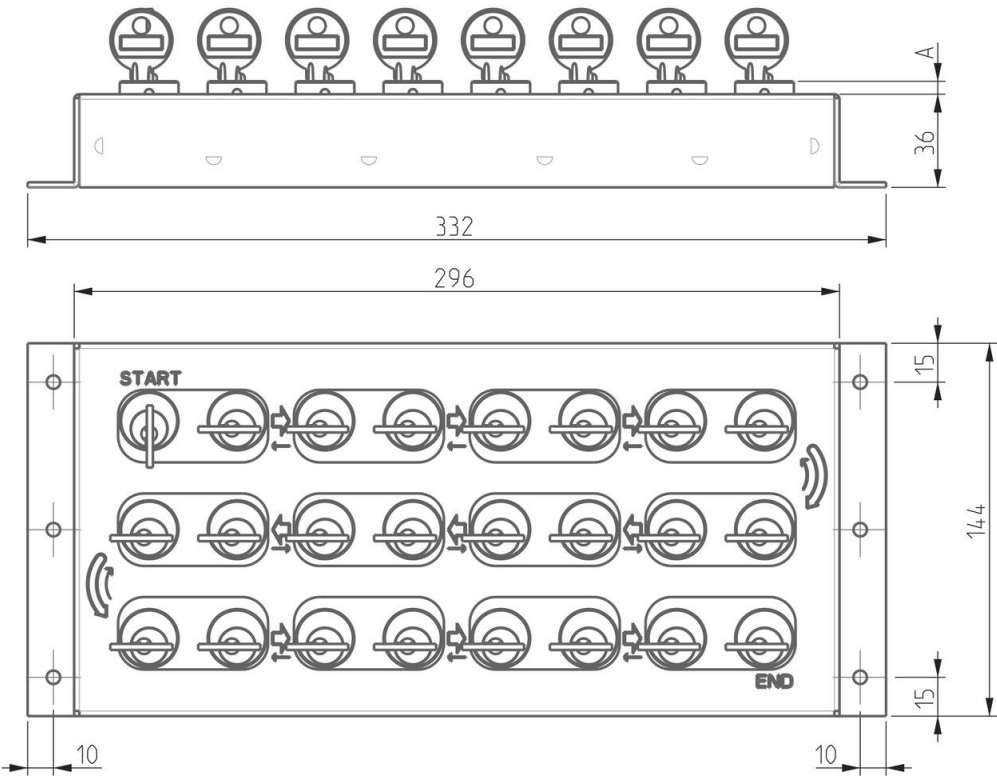
Create shutdown protocol

Product Name	Initial Position	Final Position	Operating Process
ELC 19 to 24			When X free keys have turned into captive position, Y captive keys can be released one after the other.

THE BENEFITS

- Protect people and equipments against medium and high voltage hazards but also against improper operations
- Our range is made 100% out of metal : boxes made of stainless steel, brass pin cylinders and brass keys for a long lifetime, even in an aggressive environment
- Large choice of locking combinations : 6 keys series with more than 81.000 possible combinations to ensure the highest level of security in sensitive environments
- Made in France by the original equipment manufacturer and the know-how of an experienced team of people
- Easy to install : no wiring
- Comprehensive and adaptable product range to support all your applications and future requirements

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A=5.2 for asymmetric key
A=8.8 for reversible key

TECHNICAL FEATURES

Assembly Type	Surface
Cylinder Material	Brass
Cylinder Finish	Nickel
Standard Housing Material	Stainless Steel 304L
Key Configuration	ELCXY with X= quantity of free keys and Y=quantity of captive keys

CERTIFICATIONS

Ingress Protection Rating	4X Compliant to IEC 60694 5.13.1
Salt Spray	240h Compliant to IEC 68694
H2S SO2 Spray	Level 21 days C°=0.5ppm T°C=+25°C Rel Hum = 75% Compliant to NF-ISO-EN-CEI 68-2-60 (12/1995)
Mechanical Withstand of Locking Bolt or Latch	60daN Compliant to IEC 60947-3
Withstand to Key Torsion	5 N.m

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CERTIFICATIONS (CONTINUED)

Withstand to Pulling Force	100 daN
IK Coding	IK08 Compliant to IEC 60694 5.13.3 Compliant to IEC 227162
Withstand to Free Fall	Height 1m on concrete floor - IEC 60068-2-2
Damp Heat Condensing Option	Test duration 6 days 6 cycles (12h+12h) T° : 25°C / 55°C Rel. Hum. = 95% IEC 60068-2-30
ROHS	Certificate on demand
REACH	Certificate on demand
Conflict Minerals Compliance	Certificate on demand

ASSEMBLY & MAINTENANCE

This safety lock should be installed by a competent and qualified person, after reading and understanding the following instructions:

- 1 - Use anti-tamper fixings according to your application (maximum torque 5 N.m)
- 2 - The locks should be mounted in a non-corrosive environment and compatible with IP indicators
- 3 - Maximum torque while turning the key: 5 N.m
- 4 - The key should not be placed under stress.
- 5 - A bad alignment of the strike or in the course of the bolt may cause malfunction or blocking.
- 6 - Lubricate the clinder with CK Dry Power Graphite once the product has been assembled.
- 7 - In case of installing an electromechanical lock, make sure that the power is off before carrying out the wiring.

The interlock cylinder should not be lubricated with oil or grease. Please use CK Dry Powder Graphite to lubricate the lock.

The interlock must be inspected every 6 months. These safety inspections should include the following:

- 1 - Absence of shock/damage on the product
- 2 - Absence of foreign bodies in the keyhole
- 3 - Lock fixing OK
- 4 - Strike plates fixing OK
- 5 - The keys and lock bolt can only be removed under the correct safety operating conditions.

In case of any detected defect, please contact your nearest DOM Support Department to take the necessary actions.

ORDER INFORMATION

1. Product Family Name	ELC 19 to 24
2. Free Keys	X = quantity of free keys
3. Captive Keys	Y = quantity of captive keys
4. Key Series	Asymetric Keys: EK, EL, EM, EP, ET, EV, GK, GL, GM, GP, GT, GV Reversible Key: RK
5. Cylinder Head Marking	Y = Yes, N = No
6. Type of Marking	C = Combination, M = Mark

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ORDER INFORMATION (CONTINUED)

7. Marking Position	S = Standard, O = Opposite
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PLEASE FIND AN EXAMPLE OF AN ORDER NUMBER HERE

ELC + X + Y + EK + Y + C + S

1

2

3

4

5

6

7

Type of Marking*

Combination	Mark
	

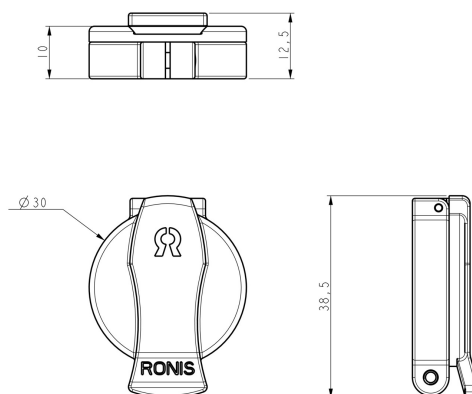
Marking Position**

Standard Marking	Opposite Marking
	

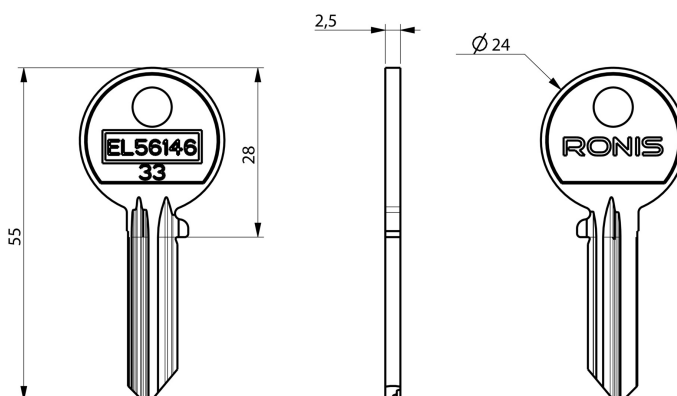
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ACCESSORIES

6980120001



Standard Key



High Security key

