

# Trapped Key Interlocking Systems

Door Locks

ELP1



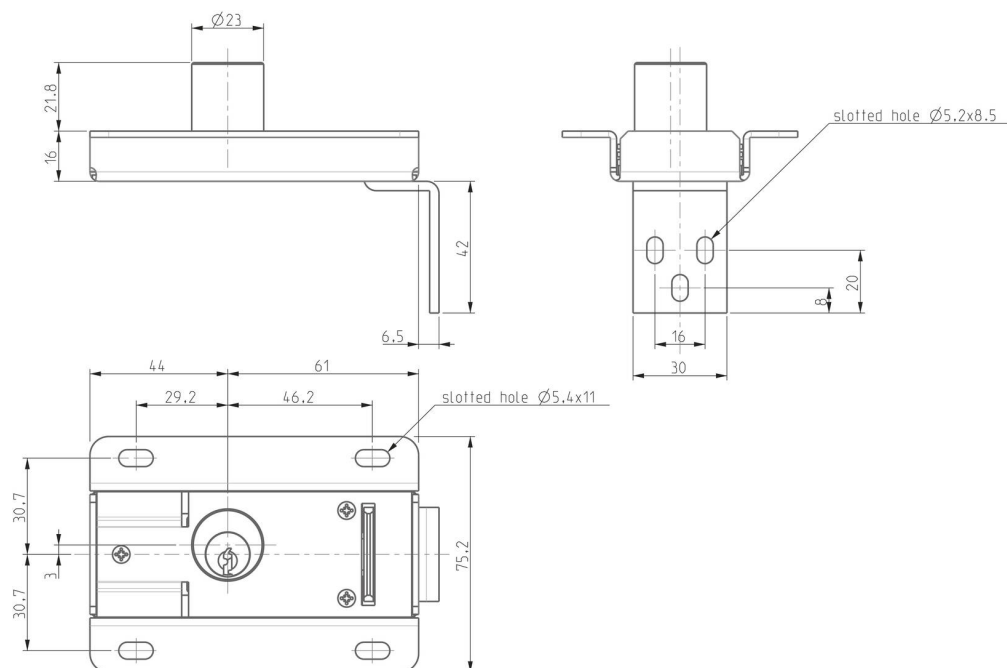
Hatches - Doors - Gates

| Product Name | Initial Position                                                                    | Final Position                                                                      | Operating Process                                                                |
|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| ELP1         |  |  | The key releases the strike (open door) when the key is in captive key position. |

## 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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## TECHNICAL FEATURES

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| Assembly Type             | Panel                                                                     |
| Quantity of Cylinders     | 1                                                                         |
| Cylinder Material         | Brass                                                                     |
| Cylinder Finish           | Nickel                                                                    |
| Standard Housing Material | Stainless Steel 304L                                                      |
| Net Weight (kg)           | 0.43                                                                      |
| Strike Plate Options      | 00 - Standard Strike Plate 01 - L Strike Plate 02 - Straight Strike Plate |

## CERTIFICATIONS

|                                               |                                                                                                 |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------|
| Ingress Protection Rating                     | 4X Compliant to IEC 60694 5.13.1                                                                |
| Salt Spray                                    | 240h<br>Compliant to IEC 68694                                                                  |
| H2S SO2 Spray                                 | Level 21 days C°=0.5ppm T°C=+25°C Rel Hum = 75%<br>Compliant to NF-ISO-EN-CEI 68-2-60 (12/1995) |
| Mechanical Withstand of Locking Bolt or Latch | 60daN<br>Compliant to IEC 60947-3                                                               |
| Withstand to Key Torsion                      | 5 N.m                                                                                           |
| Withstand to Pulling Force                    | 100 daN                                                                                         |
| IK Coding                                     | IK08<br>Compliant to IEC 60694 5.13.3<br>Compliant to IEC 227162                                |

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## CERTIFICATIONS (CONTINUED)

|                              |                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------|
| 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)<br>T° : 25°C / 55°C Rel. Hum. = 95%<br>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 cylinder 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   | ELP1                                                                                 |
| 2. Key Series            | Asymetric Keys: EK, EL, EM, EP, ET, EV, GK, GL, GM, GP, GT, GV<br>Reversible Key: RK |
| 3. Cylinder Head Marking | Y = Yes, N = No                                                                      |
| 4. Type of Marking*      | C = Combination, M = Mark                                                            |
| 5. Marking Position**    | S = Standard, O = Opposite                                                           |
| 6. Strike Plate Options* | 00 - Standard Strike Plate 01 - L Strike Plate 02 - Straight Strike Plate            |

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PLEASE FIND AN EXAMPLE OF AN ORDER NUMBER HERE

ELP1 + EK + Y + C + S + 00

1

2

3

4

5

6

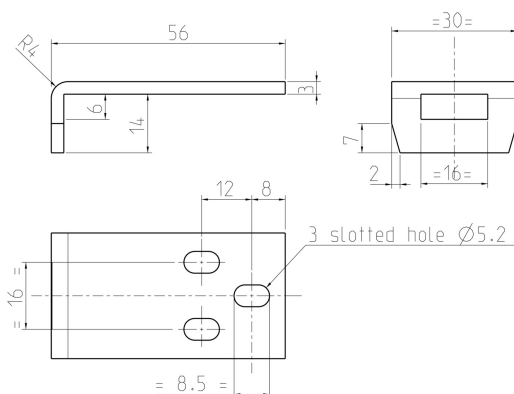
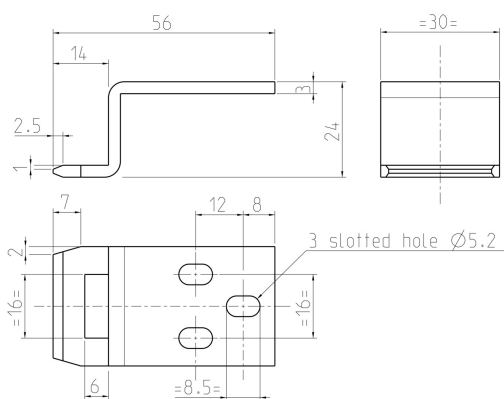
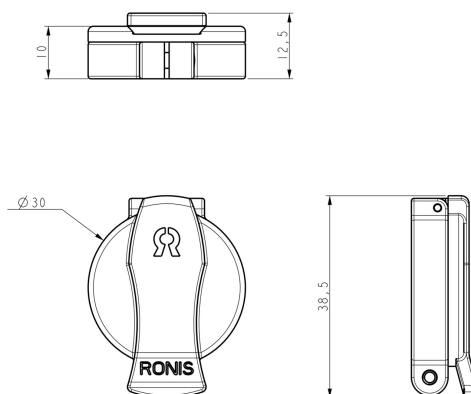
Type of Marking\*

| Combination                                                                       | Mark                                                                              |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |

Marking Position\*\*

| Standard Marking                                                                  | Opposite Marking                                                                    |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |

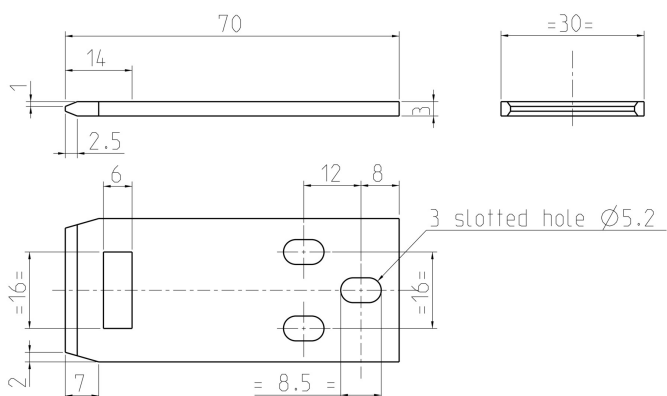
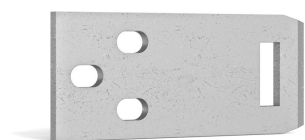
## ACCESSORIES



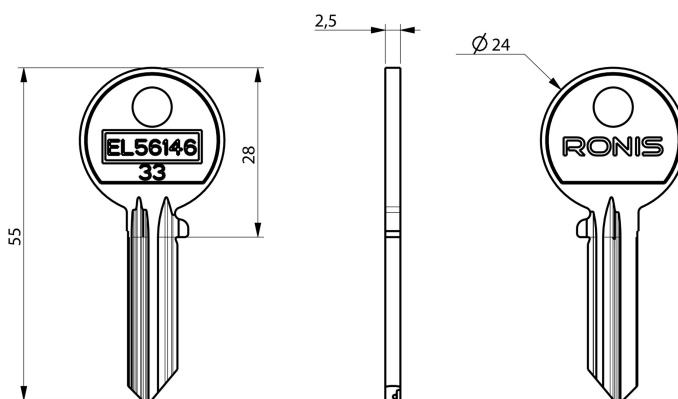
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## ACCESSORIES (CONTINUED)

176302010



Standard Key



High Security key

