

The SOL latch lock is a key access interlock suitable for use on hinged and sliding doors. The interlock is manufactured in copper brushed aluminium, making it ideal for use in harsh or corrosive environments and heavy use. Typical industries using the SOL latch lock are chemical, aggregate & concrete, iron & steel, paper & wood transformation, rail and power generation.



Trapped Key Interlocks



INDUSTRY



ENERGY



Railway

## USAGE

The SOL Access Interlock can be used to allow safe access to potential hazardous and dangerous areas.

The SOL Access Interlock can be used on part body and full body access doors where the use of personal safety keys is not essential (to prevent accidental lock in).



The SOL Access Interlock is not designed for security purposes, such as a safe or external access to a building.

## INSTALLATION



A safety lock must be fitted with suitable fasteners.

Important:

To prevent unauthorized removal, the lock must be mounted using rivets or M5 stainless steel safety fixing screws (washers, nuts and screws).

The installation must be carried out by a competent and qualified person who has read and understood these instructions.

In case of vibrations, contact STI.

## MAINTENANCE

Periodic visual checks should be carried out to check for deformation or corrosion/erosion/acid aggregating by the site manager/safety officer. Clearing the marking/closing of the lock attachment.

Do not lubricate lock barrel with oil or grease, use Powder Graphite if necessary.



In case of defects being detected please contact your nearest Serv Trayvou Support Department for further actions. Please see Contact section for contact details.

## TECHNICAL DATA

Temperature rating	Contact STI for details
Weight	1, 2 kg
Material	- Body & mechanism: Copper brushed aluminium - Latch: Stainless steel 304
Product finish	Red (RAL 3000) polyester paint
Homologation	Contact STI for details
Salt spray resistance	Contact STI for details
IP Rating	Contact STI for details
Mechanical life	Contact STI for details
B10d	Contact STI for details
Diagnostic coverage (%)	Contact STI for details
Retention force	Contact STI for details
Shock & vibration (IK)	Contact STI for details
ROHS	Certificate available on request
REACH	Certificate available on request
Conflict mineral	Certificate available on request

## OPTIONS

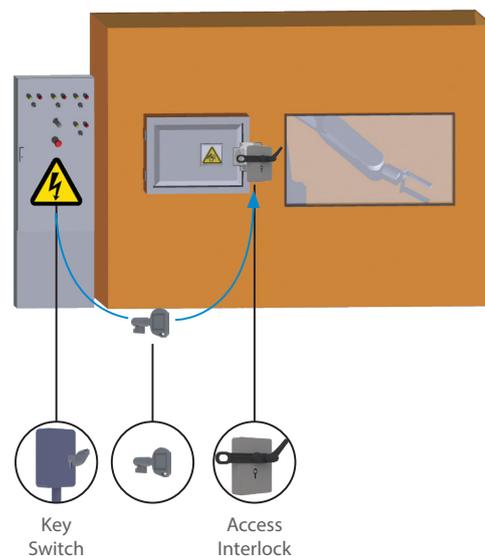
- Without flip cap

## APPLICATION

A typical application of the SOL single key access interlock is machine guarding with man-hole access.

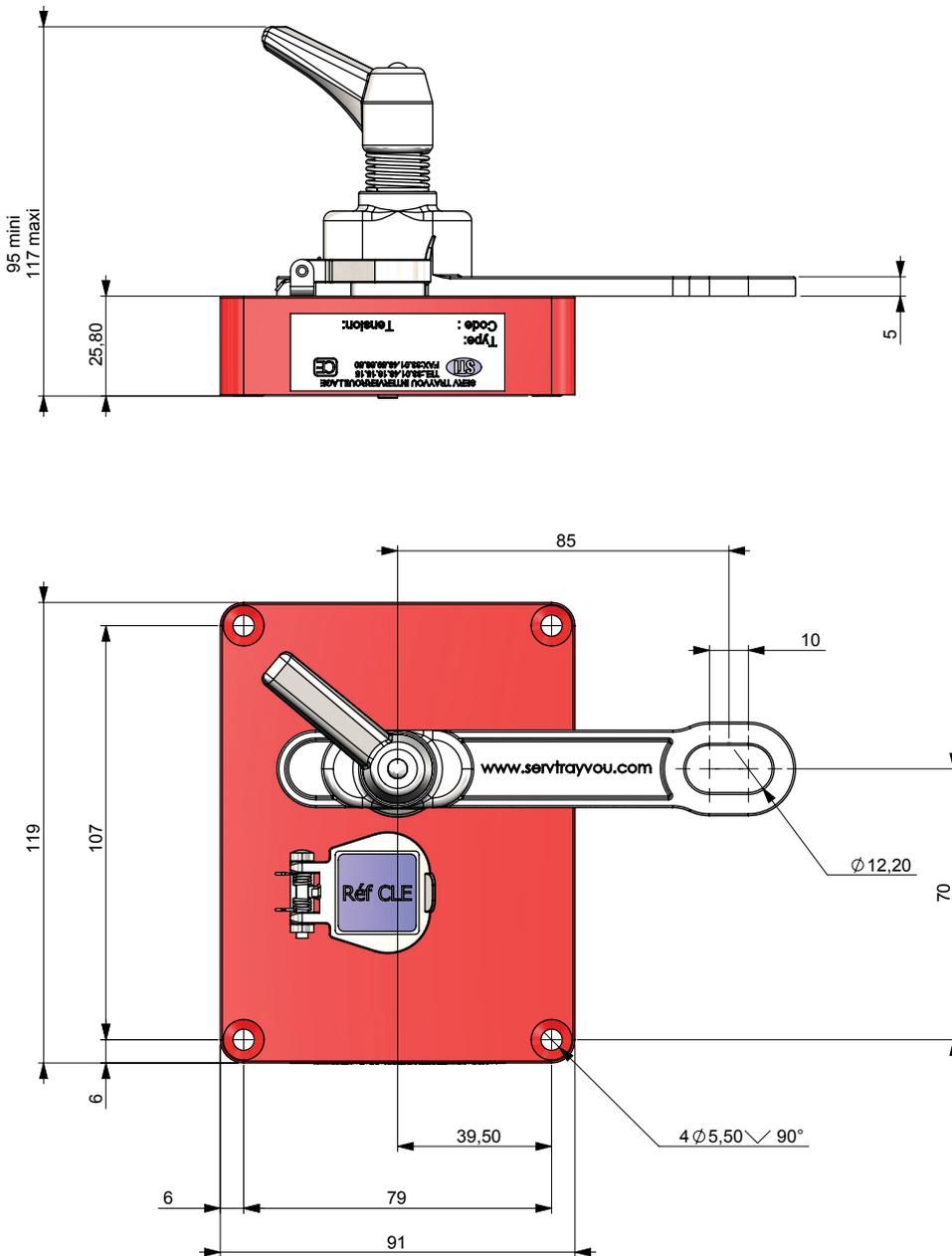
The SOL latch lock is used as part of a safety system, ensuring a machine is shut down, before access to the hazardous area.

The system is composed of a RTK\*E key switch that breaks the machine safety circuit, when the key is removed. The key can then be transferred to the SOL to unlock the panel access. The machine cannot be restarted until the panel is closed and locked. To lock, the latch must inserted & turned. Thus, the isolation key can be released and transferred back into the RTK\*E key switch.



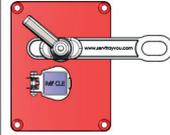
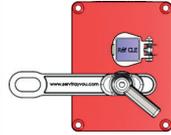
Note: For safe mounting, use security screws

## SOL



## ORDER INFORMATION

	Component type	Entry	1	NS	2	3
Part number	SOL					
Example	SOL	1	L85	NS	0	000

1	Locking element	L85 = Standard latch lock 2 switch option NS = no switch FS = Front Switch C20 = Chain key lock 20cm C60 = Chain key lock 60cm LTS = T standard latch lock			
2	Direction of lock	Pos 1: Left-hinged Access points Pos 2: Right-hinged Access points			
3	No. of order	For dedicated applications. This number is assigned by STI for a suitable product			

## ACCESSORIES

- Standard latch L85
- Chain Key C20, C60 or CSP (special length)
- Triangular latch without consignment LTS

## CONTACT INFORMATION

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