

The XSOL latch lock is a key access interlock suitable for use on hinged and sliding doors. The interlock is manufactured in stainless steel, making it ideal for use in harsh or corrosive environments and heavy use. Typical industries using the XSOL lock are concrete & aggregate, mining, iron & steel and power generation.



Trapped Key Interlocks



INDUSTRY



ENERGY



Railway

USAGE

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

The XSOL Access Interlock should be used on part body access doors where the use of personal safety keys is not essential (to prevent accidental locked-in).



The XSOL 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, 3 kg
Material	Stainless steel 304
Product finish	None
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

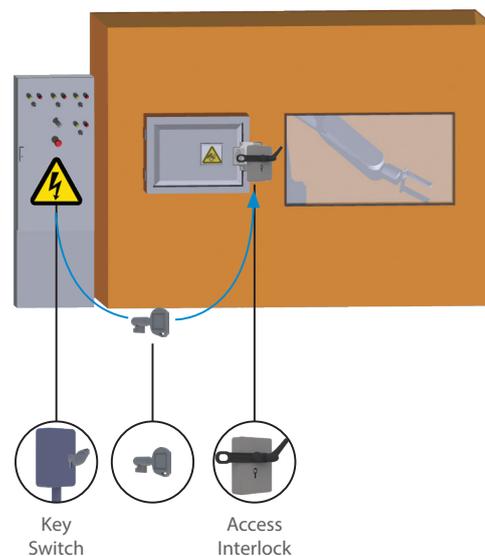
- Without flip cap
- Painted red polyester (RAL 3000)
- High Temperature (not painted, without switch and flip cap)
- Emergency release system
- Switch 2O-1C (standard) - Switch function in key free position

APPLICATION

A typical application of the XSOL single-keyed access interlock is part-body access to hazardous area.

The XSOL latch lock is used as part of a safety system, ensures 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 XSOL to unlock the panel access. The machine cannot be restarted until the panel is closed and locked. To lock, the latch must be inserted & turned. Thus, the isolation key can be released and transferred back into the RTK*E key switch.



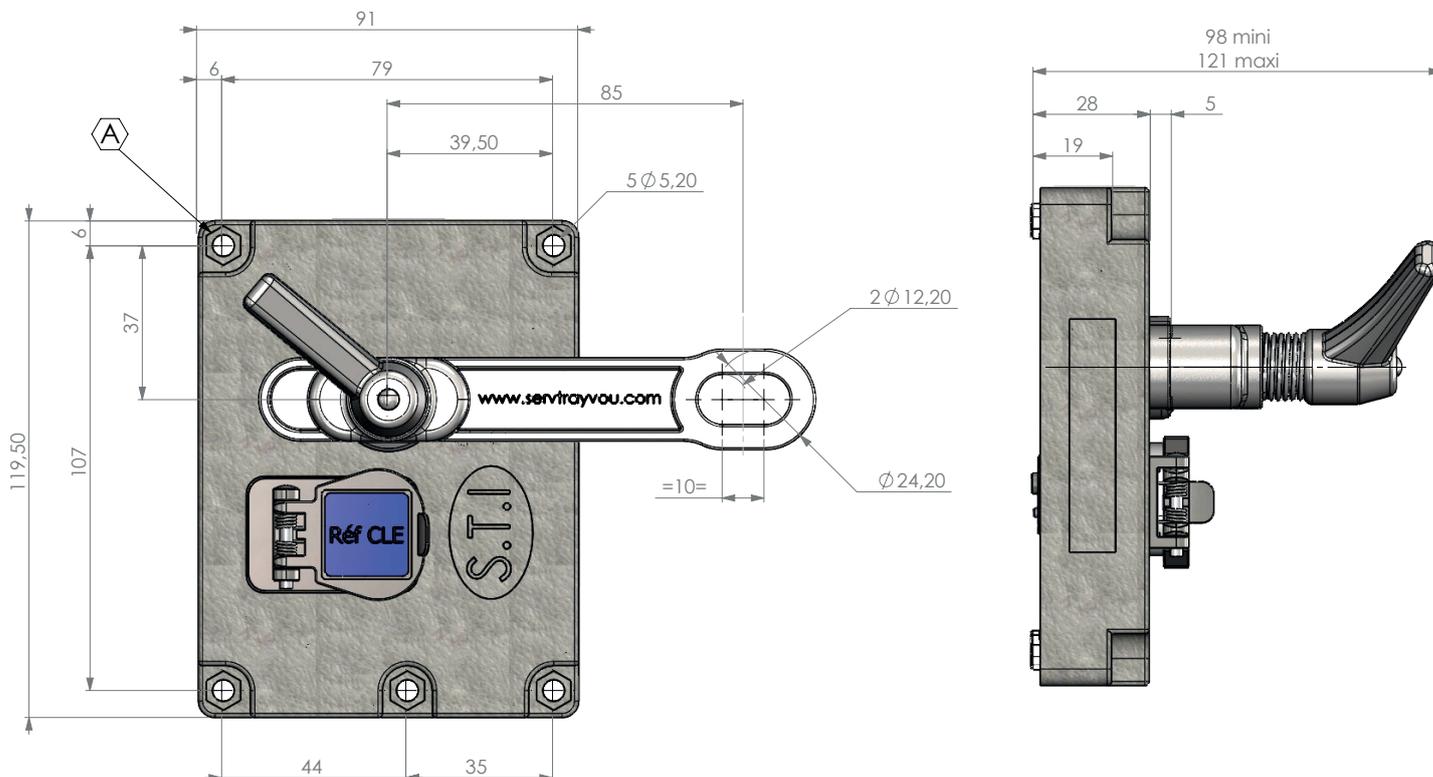
DRAWING

Dimensions: in mm

Note: For safe mounting, use security screws

XSOL

⬡: 5 hexagones pour vis / Hexagon for screws H-M5



ORDER INFORMATION

	Component type	Entry	1	2	3	4
Part number	XSOL					
Example	XSOL	1	L85	NS	0	0000

1	Locking element	L85 = Standard latch lock C20 = Chain key lock 20cm C60 = Chain key lock 60cm LTS = T standard latch lock			
2	Switch Option	NS = No switch FS = Front switch			
3	Lock position	Pos 1: Left-hinged Access points Pos 2: Right-hinged Access points			
4	No. of order	For dedicated applications. This number is assigned by STI for a suitable product. 0000 applies for standard items.			

ACCESSORIES

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

CONTACT INFORMATION

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