

The TMEC key exchange box is designed to enable the release of keys by the insertion of two or up to 5 primary key(s). The need for this type of product usually arises when there are multiple points of entry. The unit will generally be the link between the isolation locks and the access locks.



Trapped Key Interlocks



INDUSTRY



ENERGY



Railway

USAGE

TMEC key exchange box should be used to allow a safe access to potential hazardous and dangerous areas with one or more access points.



TMEC key exchange box is not designed for security purposes, such as a safe or external access to a building.

INSTALLATION



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	4 kg
Material	- Front: Aluminium - Mechanism: Stainless steel 304 - Flip cap: Stainless steel 304 - Marking plate: Aluminium (stuck) Brass (riveted or stuck) - Plate glue: Acrylic - Loctite AA330
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

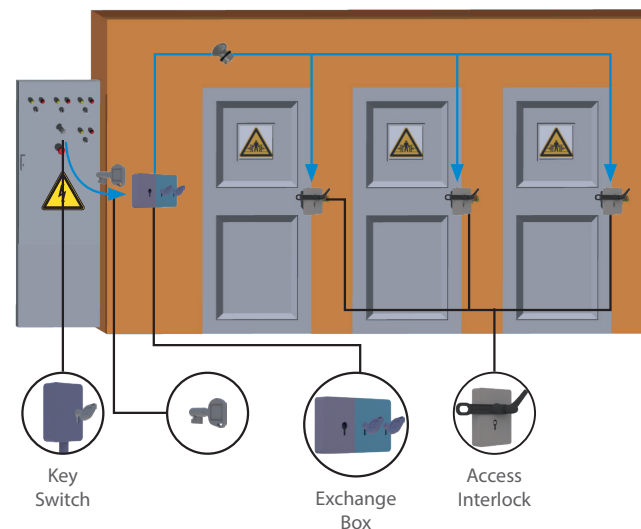
- Switch 20-1C (standard) - Switch function in key free position
- Number of primary and secondary key as your application.

APPLICATION

In hazardous area with two or more access points, the TMEC key exchange box is used as a part of a safety system. While a primary key has been removed from a RTK*E isolating the control circuit, it is transferred to the first entry of TMEC exchange box. The primary key will be turned and trapped thus releasing all the secondary keys.

The secondary keys are used to gain access through the door interlocks.

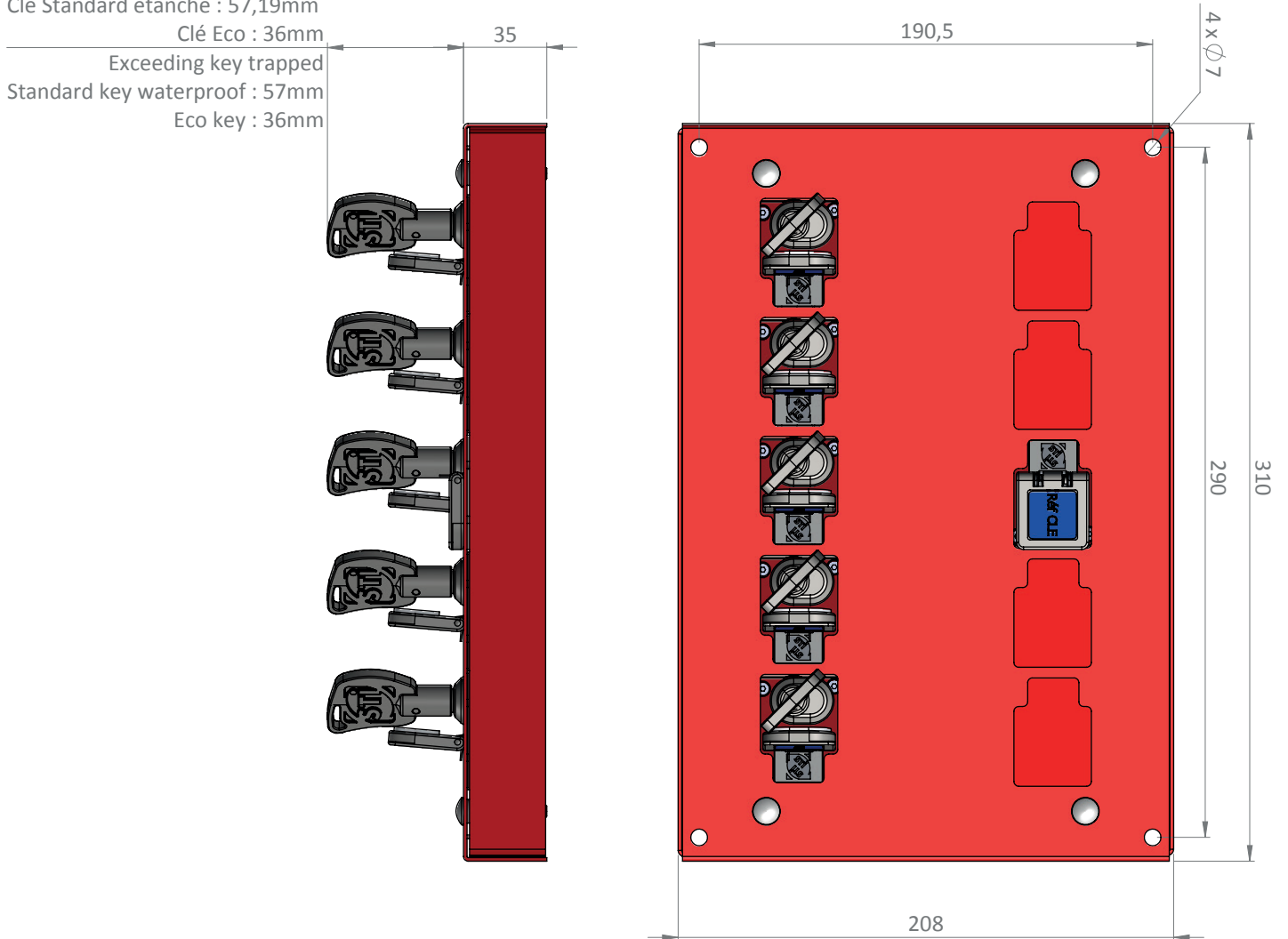
The machine cannot be restarted until all keys are returned to the key exchange box and the power or circuit isolation key is removed and taken back to the isolation lock.



Note: For safe mounting, use security screws

TMEC

Dépassement clé prisonnière
 Clé Standard étanche : 57,19mm
 Clé Eco : 36mm
 Exceeding key trapped
 Standard key waterproof : 57mm
 Eco key : 36mm



Module de base 5 clés d'autorisation et 5 clés secondaires
 Base module 5 permission keys and 5 subkeys

ORDER INFORMATION

	Component type	1	No. of entries trapped key	No. of entries free key	2
Part number	TMEC				
Example	TMEC	S	1	10	0000

1	Release function	L = LCSS (non-sequential secondary keys release) S = Standard (sequential secondary keys release)
2	No. of order	For dedicated applications. This number is assigned by STI for a suitable product. 0000 applies for standard items.

CONTACT INFORMATION

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