

ELECTRONIC
EXTERNAL
CONTROL

E N G L I S H



Trim-Tronic*

*IPX5 = PROTECTION
AGAINST WATER SPRAY



ISEO zero1

iseo.com

Trim-Tronic

ELECTRONIC EXTERNAL CONTROL FOR PANIC EXIT DEVICES WITH ACCESS CONTROL FUNCTION



The **Trim-Tronic** external control has been designed in compliance with the standards EN 1125 and EN 179 to be used in conjunction with all rim lock ISEO panic exit and emergency devices, in all door, lock and latch point configurations, and may be installed easily on any type of door (aluminium, PVC, wood etc.).

INSTALLATION IN OUTDOOR APPLICATIONS

With a **protection rating of IPX5*** (casing offering protection against water spray). The **Trim-Tronic** control is also suitable for outdoor applications.

Trim-Tronic may replace any ISEO external mechanical control, and is an innovative solution that offers access control functionality from the outside of the door while retaining panic exit functionality on the interior side. The unit may be activated electronically from an internal or external remote control system, such as a push-button panel, digicode panels, badge reader etc., in which case the control only allows access for a preset period of time.

Trim-Tronic may also be used with a key and handle, like a conventional external control, and also features a remote key disable function. If required, a non-removable key function may be configured during installation of the control. The handle of the **Trim-Tronic** control also includes a vandal protection system.

* Explanation of IP protection rating:

The IP (International Protection) rating is a convention defined by the standard EN 60529 (adopted and implemented by CEI as the standard CEI 70-1) to identify the degree of protection of the outer casings of electrical and electronic devices (with rated voltages up to 72.5 kV) against intrusion by solid objects or liquids. The prefix IP is followed by two characters.

X5 = Protection against water spray

Water sprays from all directions and produced by nozzles with a diameter of 6.3 mm must not cause any harmful effects.

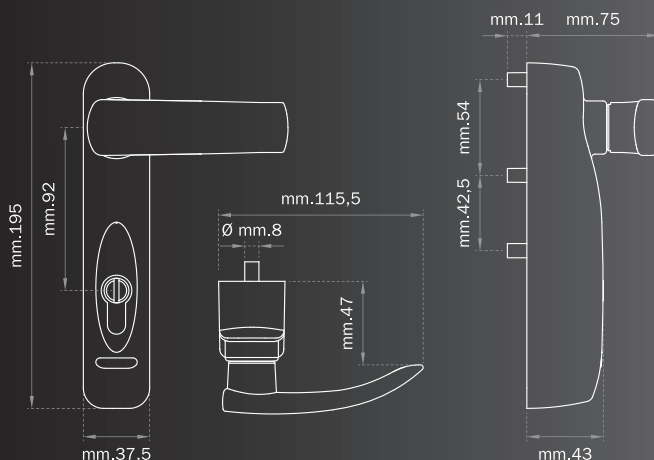
- Test duration:

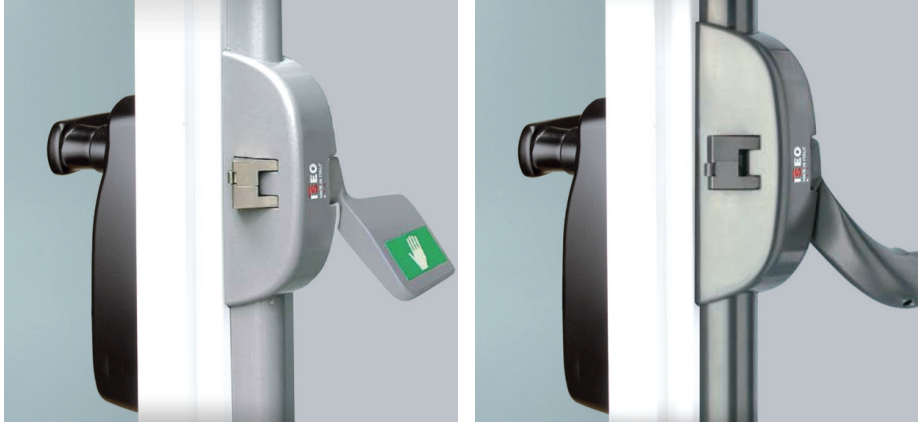
1 [min] per square meter, for at least 3 [min]

- Water flow rate: 12.5 [l/min]

- Water pressure:

100 [kPa] at a distance of 3 [m]





FUNCTIONS AND TECHNICAL CHARACTERISTICS

- Usable with ISEO mechanical rim lock panic exit bars with 1, 2 and 3 latch points (including at top and/or bottom of door).
- Reversible: may be installed on both right and left handed doors.
- Handle enabled temporarily with an remote electrical control signal (button 1):
 - pulses shorter than 6 seconds in duration enable the handle for 6 seconds;
 - pulses longer than 6 seconds in duration enable the handle for the entire duration of the pulse.
- The handle may also be enabled by inserting, turning and removing the mechanical key.
- An electrical control (button 2) may be used to disable use of the mechanical key until the next time the lock is opened electrically (with button 1).
- As well as supplying the unit with power, the power cable with connector may also be used to transmit and receive remote signals for illuminated signage and for the door aperture and key disable functions.
- Power: 12 V DC, maximum current absorption 2A.

THE STATUS OF THE TRIM-TRONIC CONTROL IS INDICATED AS FOLLOWS:

- **Flashing green LED:** handle temporarily enabled
- **Green LED lit steadily:** handle opened with mechanical key
- **Red LED lit steadily:** handle not enabled

PRODUCT CODES

WHITE **94091304E**
 BLACK **94091305E**
 GREY **94091307E**

PERMANENT ANTI-BACTERIAL PROTECTION TREATMENT

In keeping with its commitment to not only security but also to safety, ISEO has chosen to apply the **Antigerm** anti-bacterial protection treatment also to the Trim-Tronic external control. ISEO uses this world-exclusive patented, certified technology for its range of panic exit and trim devices. Antigerm treatment releases silver ions continuously to permanently reduce bacteria by 99%.



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