

## Electromechanical Solution for emergency exits

The solution includes the following products:

- Electromechanical handle
- Accessories



### Specification:

ISEO Trim-Tronic electromechanical handle or similar unit interface with multipoint locking panic bars, providing a long awaited solution to the problem where a door is opened by a panic bar from the inside but cannot be accessed from the outside. The solution must allow to use access control on panic exit, overriding the bar from the outside whilst still allowing safe emergency exit from the building. The handle has to interact with all ISEO panic exit devices with 1, 2 and 3 top and bottom locking points, and conceived to comply with the requirements of EN 1125:08 standard. The handle has to work on single and double doors and can replace any mechanical ISEO outside access unit. Provided with anti-vandalism handle and must be easily installed on any type of frame (aluminium, pvc, wood, etc.). The system needs 12 Vdc power supply with 2A peak and it can be combined with mechanical mortice panic exit devices and has to have mechanical free access mode to allow free access from outside for a programmed time. The handle must be reversible to be installed both on right and left handed doors. The handle can be enabled and disabled through the cylinder and has to have 2 signaling Leds indicating the handle enabling status. Handle enabled and disabled by two remote electric pulses connected with cable and connector which also transfers the power supply and signals handle status. The remote electric pulse must guarantee the handle enabled for 5 seconds or for the time the pushbutton is pressed or key disabled. The handle must be of zamak case and has to have both the handle and key status signaling output (enabled/disabled) with enabling/disabling pushbutton input and mechanical key locking pushbutton input. European single profile cylinder must fit with mm 40 (30-10) and handle follower 8 mm. The operating temperature must be -20°C to 60°C. The handle must be compatible with R6 European monoprofile cylinder 40 mm with 3 keys and connecting cable 5 m.