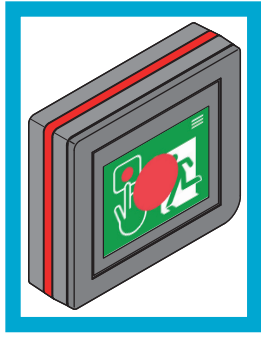


Read this manual thoroughly before use and keep it in a safe place for later reference. The manual contains important information for the safe mounting and installation of the product.

Intended use



Electrical locking devices of doors along escape routes are intended for use in commercial applications.

The product has been designed for the safeguarding of escape routes and has been tested according to the requirements of EltVTR and DIN EN 13637:2015. Deviating uses or device combinations not described in the approval are not permitted.

ASSA ABLOY Sicherheitstechnik GmbH can provide the necessary planning information for approved solutions and the device combinations required for your application. The usage must be coordinated with the requirements of the inspection authorities. Contact the responsible inspection authority for this purpose.


Compliance with all relevant inspection authority requirements is mandatory for the use, particularly with respect to the

- coordination of the safety concept with the responsible inspection authority and
- modifications of door elements.

The device is suitable for installation, configuration and use, according to these instructions. Any use beyond this is deemed as non-intended use; device combinations which are not described are not permitted.

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Documentations
for ePED®


<https://aa-st.de/file/D01203>


Safety instructions

Target group


The mounting, installation and commissioning of the product must be carried out by an electrician, with expertise in escape-door control systems certified by ASSA ABLOY in accordance with the building authority requirements for electro-mechanical locking devices for doors in escape routes. The electrician is obliged to apply the recognised rules of technology, inspection directives of the federal states and to update this knowledge on a regular basis.

Further knowledge of the product is required for the subsequent inspection of the correct mounting and installation, commissioning and maintenance. This does not form part of this manual.


Meaning of the symbols

**Danger!**


Safety notice: Failure to observe these warnings will lead to death or serious injury.

**Warning!**


Safety notice: Failure to observe these warnings can lead to death or serious injury.

**Caution!**

Safety notice: Failure to observe these warnings can lead to injury.

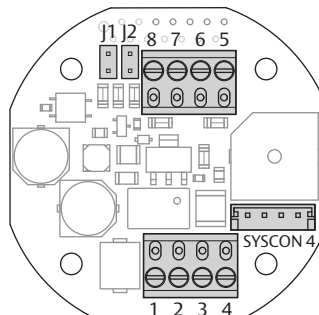
**Attention!**

Note: Failure to observe these warnings can lead to property damage and impair the function of the product.

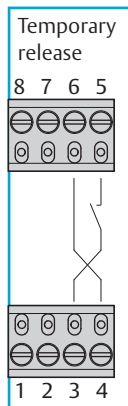
**Note!**

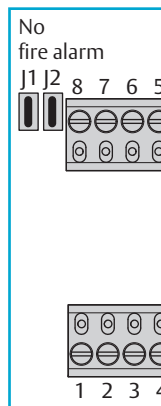
Note: Additional information on operating the product.

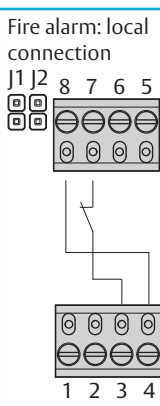
Fitting and installation

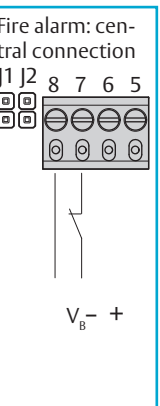


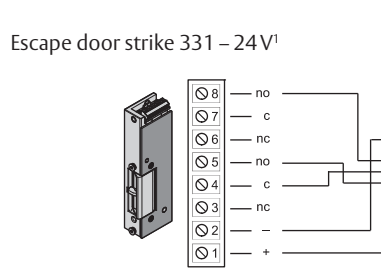
Terminal strips		
1	CAN_H	wt
2	CAN_L	br
3	V _B +	gn
4	GND	ye
5	In V _B +	
6	In V _B -	
7	BMA V _B +	
8	BMA V _B -	

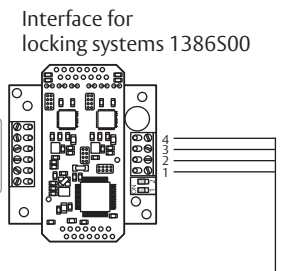





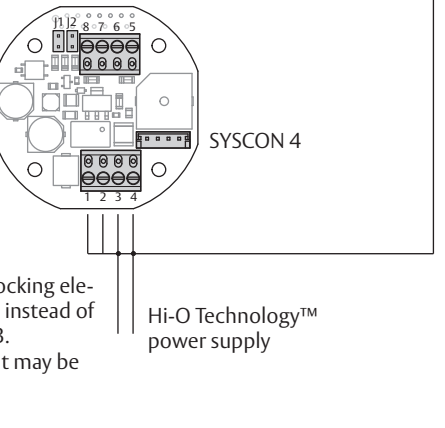













¹ Other ePED authorized locking elements can be connected instead of the escape door strike 33. Only one locking element may be connected.

Hi-O Technology™ power supply

**Warning!**


Danger arising from modification of the product: The safety features of this product are an essential requirement for its conformity with EltVTR and DIN EN 13637:2015. No changes which are not described in this manual may be undertaken.

Danger due to missing Emergency Open button on the escape door: If the release of the escape door is centrally controlled, it is no longer possible to independently choose to exit the danger area in the case of danger. This always requires an approval from the responsible inspection authority. Normally, a constantly manned station equipped with a central release mechanism is prerequisite for the approval.


Danger due to faulty commissioning: In order to ensure the safety of the product, commissioning must be performed by a qualified person. ASSA ABLOY Sicherheitstechnik GmbH offers training for qualification in the requisite skills.

Danger due to faulty maintenance: The owner is responsible for correct installation and functional inspection of the product and connected components. The safe function must be tested by a trained qualified expert at least once per year. Requirements established by inspection authorities must be complied with. ASSA ABLOY Sicherheitstechnik GmbH offers training for qualification in the requisite skills.

Danger arising from tampering or improperly performed repairs: If the ePED® 1386D10 door terminals or parts of the device cannot resume normal operation after a fault or alarm message, or damage is present, the device may only be repaired by a qualified person. Please contact the customer service of the installation company or the support department of ASSA ABLOY Sicherheitstechnik GmbH.

**Warning!**

Danger due to unauthorised tampering: The authorisation codes set at the factory are publicly accessible and can be misused. Change the authorisation codes before the ePED® 1386D10 door terminal is freely accessible. Always use different codes for the authorisation levels (between four and eight digits). Keep codes that are written down in a safe place.

**Note!**

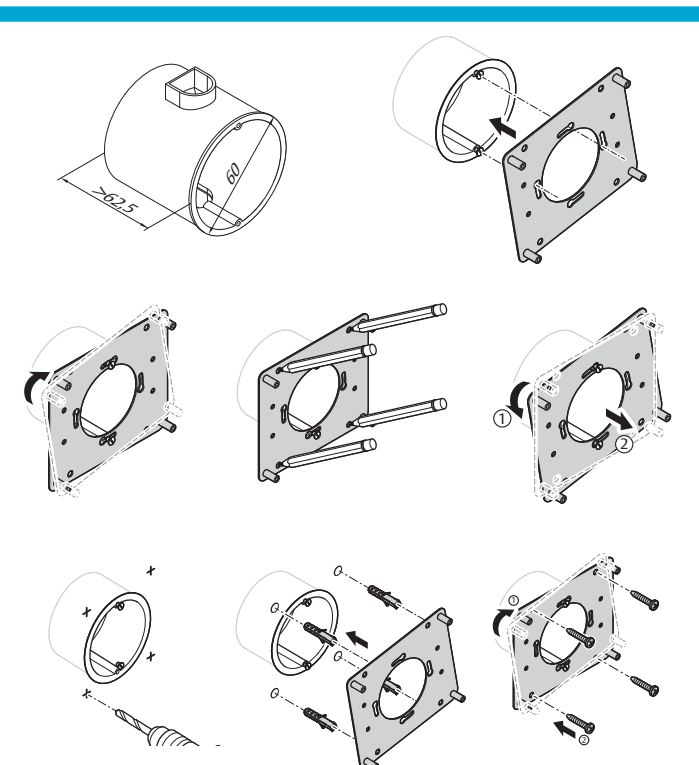
Protection rating IP30 must be achieved: Switch boxes which achieve a minimum protection rating of IP30 must be used for the installation.

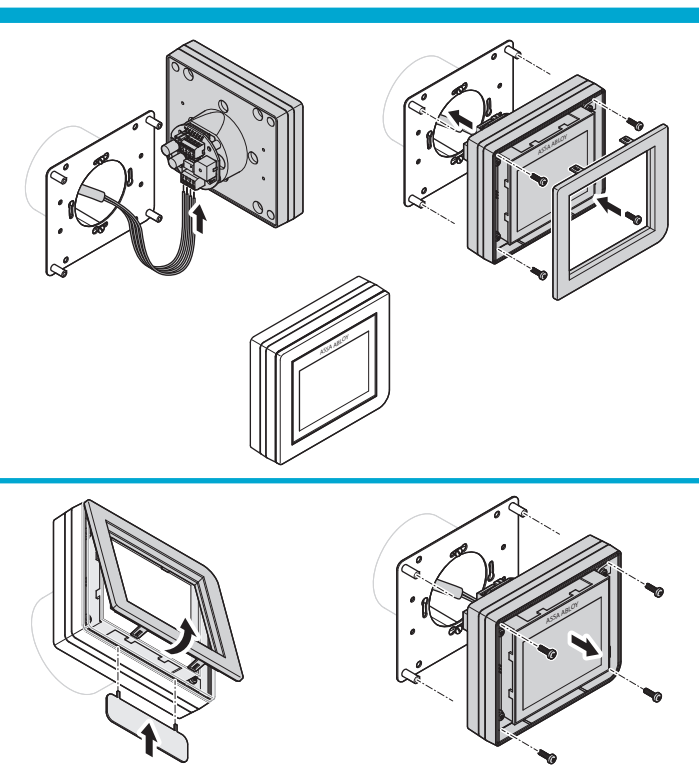
Untested devices may have differing functionality: Hi-O Technology™ devices not listed in the compatibility list have not been tested in the device combination and may cause different functional processes. This applies especially for activators.

The maximum number of components may not be exceeded: A maximum of four terminals (Emergency Open module 1386D00) and eight interfaces for locking systems 1386S00 can be connected.

The maximum power consumption may not be exceeded: The voltage supply must be sufficient for the power consumption of all connected components.

Limitation of function with incorrect operating voltage at the components: A mains adapter in accordance with requirements SELV must be used. Separate mains adapters must be connected for the supply of devices with power consumption higher than 100 VA. The appropriate mains adapter, cable lengths, and cable cross sections must be chosen according to the local circumstances. Check and ensure that the operating voltage at the connection points is suitable for the components.





Initial commissioning

All devices are connected to the Hi-O-Technology™ bus for the initial commis- sioning, but are not configured yet. If the voltage supply is switched on, the sys- tem is in plug and play mode.

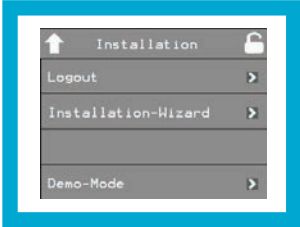
Interfaces for locking systems cannot work with factory settings, because they must be logically linked to the corresponding Emergency Open push-buttons.

Once it has been started, the installation wizard dialogue shows a series of con- firmation messages and user prompts.

Note!

Process the entire dialogue sequence: If a dialogue is closed via the *Cancel* key or if the displayed action is not carried out, the installation must be started again from the beginning. The RWT system configuration has not taken place and the system cannot be locked.

Using the installation wizard



- 1 Press the
- *Continue* or *OK* button if the entire dia- logue message is correct or if you have taken the necessary action,
 - *Cancel* button if any part of the dialogue message is incorrect or if you have not taken the necessary action.

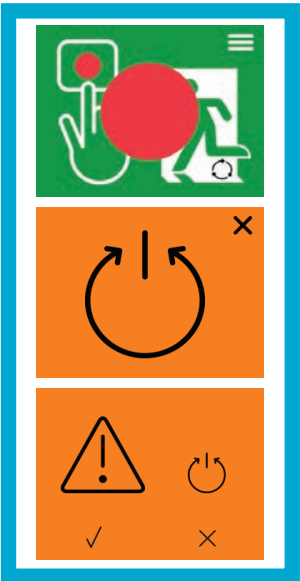
- ⇒ The installation is finished if you have been able to exit all messages with the *Continue* or *OK* button.
- ⇒ Once the installation is complete, the ePED® 1386D10 door terminal is in *normal operation* status.

Resetting to factory settings

If reset to factory settings, changes to operating data are lost. The device must then be configured.

Within the first five seconds after switching on the operating voltage, the device can be reset to the factory settings.

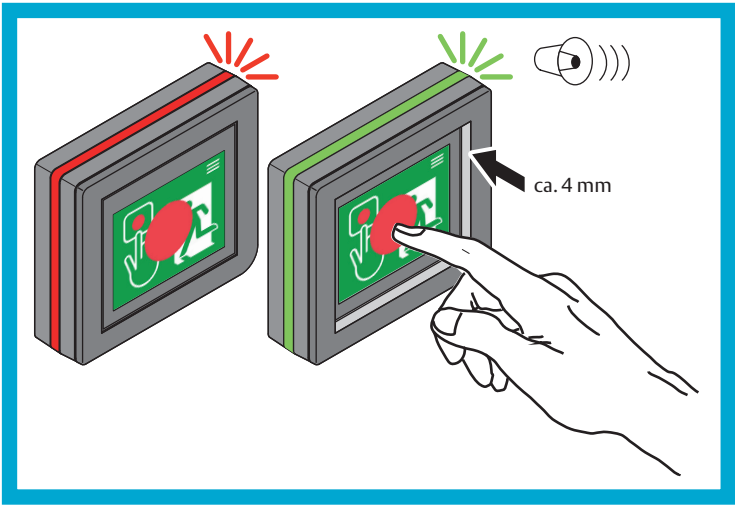
Reset to factory settings



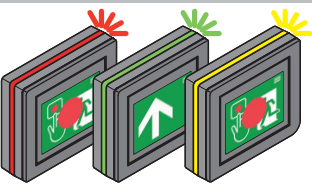
- 1 Switch off the voltage supply for at least 10 seconds.
- 2 Switch the voltage supply on again.
- ⇒ The symbol is shown.
- 3 Press the symbol .
- 4 Press the center of the display.
- 5 Answer to the confirmation request.
- ⇒ After confirming the request the device is ready for use again and must be config- ured.

Emergency switch function

Pressing the red area in the centre initiates a release and a pre-alarm is triggered. The emergency switch function is triggered if the display is pressed.



Display



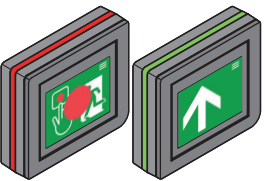
Illuminated ring with status display

The integrated illuminated ring enables easy identification of the current status of the escape door even with a large angle of vision.



Release delay display (option)

If the release delay is activated, the remain- ing wait time is displayed in seconds.



Escape route pictogram and status display

The ePED® display door terminal 1386D10 shows the relevant pictogram when the escape door is secured and indicates the correct conduct if the door needs to be operated in the event of an emergency.



Operation and configuration

Authorised users are identified via an au- thorisation code and are granted access to the configuration and extended operating functions.

Note!

Commissioning: All Hi-O technology™ devices must be connected to the bus for the configuration. Then the operating voltage is switched on. Subsequently connected devices are only recognised after renewed connection of the operat- ing voltage.

At least one Emergency Open module is always necessary for operation of the RWT locking module.

Authorisation

There are three authorisation levels:

	Control	Authorisation for calling up information
	Settings	Authorisation for calling up information and restricted configuration
	Installation	Authorisation without restrictions

Each authorisation level is assigned a clear authorisation code in the factory. These authorisation codes must be changed for commissioning. Each authorisa- tion level must be assigned a clear authorisation code once again.

Authorisation Code for Control (must be changed)	1 2 3 4
Authorisation Code for Settings (must be changed)	7 7 7 7
Authorisation Code for Installation (must be changed)	7 8 9 0

Lock, unlock, reset

- 1 Press the symbol .
- 2 Enter an authorisation code.
- 3 Confirm the entry with the [] key.
- ⇒ After entering a valid authorisation code, you can unlock the door.

Enter an authorisation code – configuration

Some menus (such as the *System* menu) can only be opened with expanded au- thorisation. An authorisation code for configuration is required for this.

- 1 Press the symbol.
- 2 Press the symbol.
- ⇒ The symbol is no longer shown.
- 3 Press one of the symbols according to an authorisation code.
- 4 Enter an authorisation code.
- Delete any numbers entered by mistake with the [] key.
- 5 Confirm the entry with the [] key.
- ⇒ The menu is displayed after entry of a valid authorisation code.

Change authorisation codes for authorisation levels

- 1 Press the symbols in the following order: .
- 2 Enter your authorisation code.
- 3 Press the *System* menu item.
- 4 Press the *User Administration* menu item.
- ⇒ The keyboard is displayed.
- 5 Press one of the symbols according to an authorisation code.
- 6 Assign a new authorisation code.
- Delete any numbers entered by mistake with the [] key.
- 7 Confirm the entry with the [] key.
- ⇒ You have changed an authoisation code.
- 8 If necessary, repeat from step 5 until all authorization codes have been changed.

Feature	Characteristic
Power supply	via external mains adapter
Power supply V _B	24V (+/-10%) SELV
Power consumption	200 mA
Maximum release delay after pressing of the Emergency Open button	
• DIN EN 13637	
• with local control	15 s
• with central control	180 s
• without CE certification (EU export)	
• with local control	120 s
• with central control	300 s
Hi-O Technology™	
• Control function	Yes
• Bus addresses	2
Width	113 mm
Height	99 mm
Depth	29 mm
Application site	for use in indoor areas
Protection rating	IP30 (when completely mounted)
Operating temperature	-10 °C – +55 °C
Certification in accordance with	ElcVTR DIN EN 13637:2015

Warning!

Danger due to faulty or improperly performed maintenance: The owner is responsible for correct installation and functional inspection of the product and connected components.

- The safe function must be tested by a trained qualified expert **at least once per year**.
- Requirements established by inspection authorities must be complied with. ASSA ABLOY Sicherheitstechnik GmbH offers training for qualification in the requisite skills.