



# Escape Door System

## Compliant Electronically Controlled Escape

ASSA ABLOY

Experience a safer  
and more open world



## Escape from a building can be a matter of life and death.

An Escape Door System (EDS) is designed specifically to ensure people can escape safely through electrically controlled escape doors, and maintains secure locking in the event of an emergency.

## Why you need an Escape Door System

The importance of emergency escape routes is often underestimated because emergencies and tragedies are only highlighted when they do not work. Failing to provide a compliant escape can lead to the loss of life, substantial fines and even custodial sentences.

Security products and systems are always installed to protect some form of asset, but at Abloy UK we believe the most precious asset is life and we have pioneered for many years to educate the market on the need to comply to standards; BS EN 179, BS EN 1125 and now BS EN 13637.

## Are you fully compliant?

Register to attend an Abloy Academy course to enjoy and benefit from the highest level of practical training to help you understand standards and ensure you and your clients specify and install compliant solutions.

Book your place:  
[www.abloy.co.uk/academy](http://www.abloy.co.uk/academy)  
or call - 01902 364568



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## BS EN 13637

### Standard for electronically controlled Escape Door Systems for doors along escape routes.

EDS from Abloy gives additional security for escape routes that were not previously covered by British and European standards by complying with BS EN 13637.

By fitting an Abloy EDS built to comply with standards, you are fulfilling your legal responsibilities and keeping people safe in the event of an emergency.

Every Escape Door System is comprised of 3 components to meet BS EN 13637. These elements **MUST** be tested and certified together as a package to ensure compliance and safety.

#### Blocking

This is the locking element of the EDS unit and will nearly always be a fail-unlocked product that does not require any mechanical input to operate.

#### Control

This is the intelligent part of the system which allows the Escape Door to be connected to Fire Alarm systems or other Building Control systems to ensure escape in an emergency.

#### Activation

The trigger will be a complete unit that incorporates a key-switch and a push button and will signal the Control to release the locking mechanism to allow safe escape.



You are fulfilling your legal responsibilities and keeping people safe in the event of an emergency





There are many applications where traditional Read-In and Read-Out has been required, but until now these doors have not been compliant with the escape standards, creating further risk as the solution utilised will not necessarily be the safest or most secure.



## EDS 1386 No Delay

The emergency open module controls and monitors the electrical locking elements for the escape routes.

### Features

- Illuminated symbols
- Emergency open module
- Key switch module
- ePED interface for locks for installation in distribution boxes



## EDS 1386 T1 Delay

The T1 terminal provides the same security features as the 'No Delay' unit whilst also applying a delay of up to 15 seconds to inhibit unauthorised egress.

As a supplier of high security escape door systems, Abloy are committed to ensuring life safety in emergency situations. Due to the additional risks associated with delayed and blocked egress, we would always recommend that you discuss these options with our trained experts.



## ePED Display Door Terminal

The ePED display door terminal combines all control elements behind a single, small display, operating using a convenient touch screen.

All relevant information can be seen directly on the LED display: door status, description, technical details, firmware version, maintenance information. A temporary release, unlocking and resetting can be activated on the terminal as usual.



The EDS is designed to enable safe egress through electronically controlled escape doors while also maintaining security in an emergency, and delivers the following features and benefits:

Features	
Dynamic Lockdown	The ability to provide for life safety in the event of a terror attack or other unforeseen threats is vital. EDS offers real physical protection from the secure side of the door, without preventing egress from the escape side of the same door. This helps to restrict movement around the building and keep people safe in hostile situations.
Read-in / Read-out	<p>To date, it had not been possible to provide a compliant solution for an escape door when Read-In and Read-Out access control was specified, but with the EDS from Abloy complying to BS EN 13637, there is now a solution.</p> <p>Traditional escape hardware for doors would always allow egress from one side. With the new standard (BS EN 13637) these new Escape Door Systems allow you to have a Read-in / Read-out door on an escape route. This helps ensure security as well as safety throughout your building.</p>
Benefits	
Prevent young children from leaving your premises without permission	Ensuring young children are safe in an emergency is an absolute priority, however, it is equally as important to make sure they are safe in everyday situations. EDS from Abloy prevents children from leaving your premises without permission while maintaining safe escape routes if required.
Allow exit after an event or during an emergency - and maintain security	The Escape Door System provides an easy way to allow egress after an event or during an emergency and helps you maintain the highest safety standards by allowing smooth traffic flow out of all EDS exits.
Stop people breaking in or exiting through non-public areas	EDS provides a secure locking solution and prevents thieves from using the escape doors by delaying their exit, enabling security staff to take control.
Dynamic Lockdown	The aim of dynamic lockdown is to prevent people moving into danger and stop intruders accessing a site. Escape Door Systems can not only keep people safe by ensuring escape, they also protect your perimeter by stopping unauthorised people granting others access.
Exit Control	Electronically controlled escape door systems allow escape doors to be secured, safely preventing unauthorised exit through the escape door. A fire alarm interface ensures the door will automatically unlock allowing free egress in an emergency, and when combined with access control can allow authorised persons free passage when required.



The EDS products from Abloy offer safe, secure and compliant solutions delivering many additional benefits over traditional escape hardware, and are ideal for securing Critical Infrastructure, Education, Healthcare, Concert venues and many other applications.



- Commercial
- Education
- Retail
- Nurseries
- Healthcare
- Stadia



Escape Door Systems compliant with BS EN 13637 are increasingly being specified in public buildings







## Case study: Rhymes Nursery

Rhymes Nursery recognised that they needed to review and upgrade the security of their site and initiated discussions with Caroline Jones, OEM Product Manager at Abloy UK, whose son attends the nursery.

When they realised the benefits of the EDS system and how it would significantly improve the security of the site, the solution agreed was to install two steel doors with an Escape Doors System and Abloy's Package 1E (EL560 electric lock, CY326 cylinder, EA280 concealed door loop, 60-0319-SSS handle set and DC240 door closer), which are compliant with Panic and Escape standards BS EN 179 and BS EN 13637.

The proprietor is delighted with the results, providing them with the security and control of egress that they wanted together with doors that complement their surroundings.

To find out more about Escape Door Systems and help save lives through compliant hardware.

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Tel: 01902 364500



