



ETS Series

Swing Door Operators



Features

The ECO ETS has a powerful electromotive drive that safely and silently opens and closes door leaves up to 250kg in weight, and up to 1600mm in width. This provides secure automation for external doors that may experience strong wind loads, and also for heavy fire protection doors.

Quiet and efficient

The ETS is extremely quiet and has a well engineered and harmonious movement. It is these properties that make the ETS such an effective all-rounder for public buildings, hospitals, clinics and aged care facilities.

Fire and smoke protection

The ETS model ETS 64-R is approved as a hold-open device for fire and smoke protection doors. In combination with a lintel switch, it triggers the fire protection closer in the case of a smoke activated alarm or power failure.

The Inverse function has been specially developed for smoke extraction from buildings. The fire/smoke protection function is reversed when the alarm is triggered, and the door is opened by spring force to enable smoke extraction. The feature will still be activated during a power cut, so an emergency power supply is not necessary.

Simple assembly, operation and service

The ETS has a simple, user-friendly settings menu. This is controlled via the LCD display panel and joystick function on the control board.

Illuminated keys on the end caps allow easy access to the Auto/Night/Manual/Hold Open/Exit functions so that approved personnel can manage the device as required. The operation of the device is also password protected.

Low Energy and Full Power settings

The ETS can be set for both Low Energy and Full Power functions on site using the same drive - an additional upgrade card is not necessary. The Full Power setting enables automation for heavy doors that are used frequently and require fast opening and closing sequences.

The Low Energy setting (only 4W on standby) has been developed for private households, offices and work areas where doors are used less frequently.

The starting power and closing power are also adjustable for both Low Energy and Full Power settings, and there is an adjustable start delay setting for the closing sequence.

Wind load compensation

The wind load control is there to smooth the operation of the outer doors in different air pressure conditions right up to Wind Force 9. A briefly occurring increased wind load (e.g. a strong gust) is also recognised by the drive.

The control calculates the additional motor performance for amplifying or reducing the drive, enabling the door to operate effectively in a wide range of conditions.

Push + Go

Push + Go is a feature which if selected allows the door to automatically open when it detects users pushing the door manually.



ALLEGION™

Specifications

		ECO-ETS73	ECO-ETS64-R
Closing force	Size according to EN, continuously adjustable	3-7	4-6
Door width	Doors up to 1600mm	Yes	-
Size according to EN	Doors up to 1400mm	-	Yes
Dimensions	Length (mm)	689	689
Including mounting plate	Depth (mm)	120 (130)*	120 (130)*
	Height (mm)	95	95
Ambient temperature	Celcius	-15° to +50°	-15° to +50°
Relative humidity		Maximum 85%	Maximum 85%
Maximum Power consumption		560W (4W standby)	560W (4W standby)
Non-handed		Yes	Yes
Maximum opening speed adjustable		40° per second	40° per second
Maximum closing speed	Adjustable (fixed if there is a power failure)	40° per second	40° per second
Hold-open time adjustable		0-60 seconds	0-60 seconds
Max. door opening angle		105°	105°
Suitable for fire and smoke control doors		Yes	Yes**

* 130mm with mounting plate ** includes integrated smoke detector and three fire relays

Accreditations



Fire rated

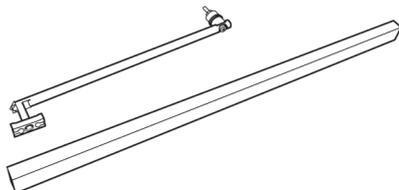
Successfully tested on fire doorset to AS 1530.4



Electromagnetic compatibility

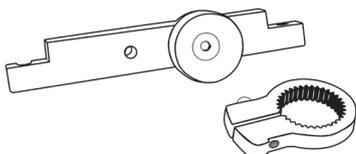
Meets EN 61000-6-1 (emission) EN 61000-6-2 (immunity) standards

Accessories



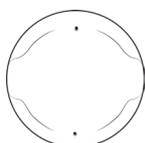
Slide Rail Arm (ECO-ETS-SLIDERAIL)

Provides an automated push action when positioned opposite the hinge side of the door, and an automated pull action when positioned on the hinge side of the door.



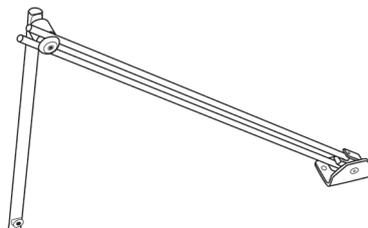
Open Stop for ETS (ECO-ETS-STOP)

Mounted on the power unit to provide additional mechanical open stop where required.



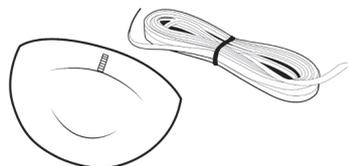
Push Plate Actuator (LCP25136)

Mounted on the power unit to provide additional mechanical open stop where required.



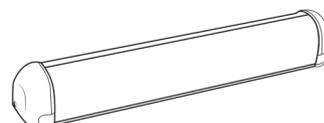
Standard Arm (ECO-ETS-ARM)

Provides an automated push action when positioned opposite the hinge side of the door.



Activation Sensor (ECO-ETS-ACTIVATION)

A radar motion detector which provides an opening impulse for the ETS.



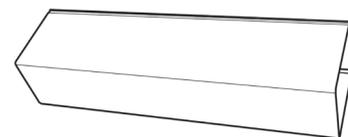
Safety Sensor (ECO-ETS-SAFETY)

An active infrared safety sensor for automatic doors. Secures the movement area and stops or reverses when obstacles are detected.



Mounting Plate for ETS (ECO-ETS-MP)

The mounting plate provides additional fire protection and/or fixing strength when used on walls or narrow frame facings.

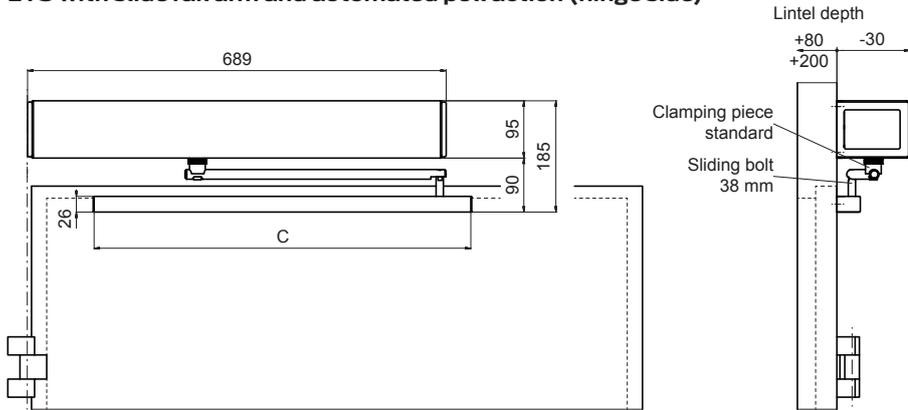


Continuous Cladding for Double Leaf Doors (ECO-ETS-DOUBLE)

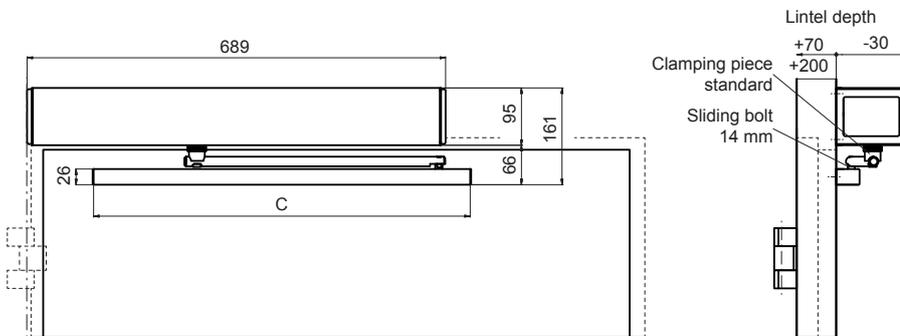
Provides a seamless stainless steel look across the top of the header frame when two power operators are installed above double doors. Suitable for openings up to 2.6m wide.

Mounting Options

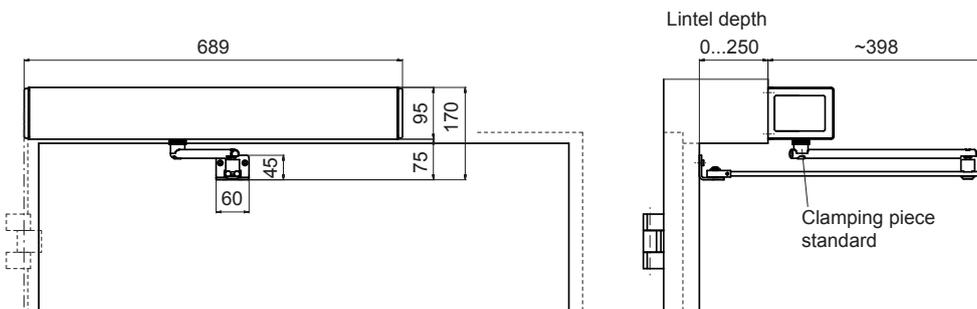
ETS with slide rail arm and automated pull action (hinge side)



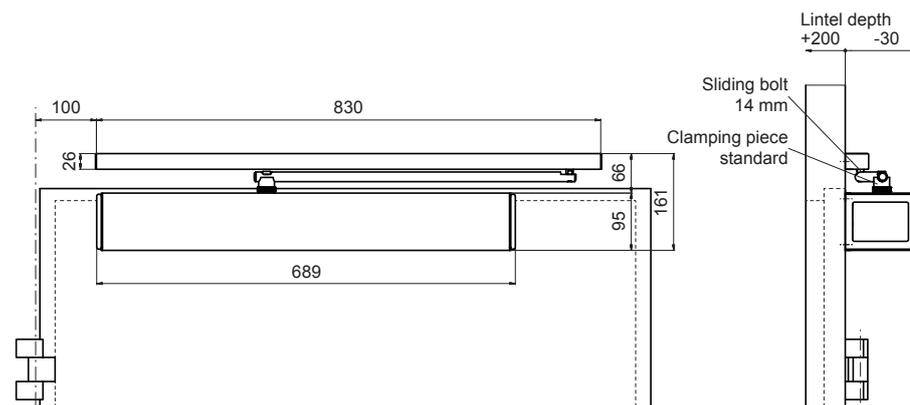
ETS with slide rail arm and automated push action (opposite hinge)



ETS with standard arm and automated push action (opposite hinge)



ETS door mounted with special long track arm and automated pull function (hinge side)*



*Long track arm can only be used in conjunction with a pull-side mounted ETS-73