



## 2500 Series

### Low energy door operator

The Low Energy swing operator is a surface mounted electromechanical unit which is designed specifically to provide a means of automating new or existing single doors.

The flexible microprocessor control allows activation by motion sensors, push button or by manual activation. In manual activation mode, the operator will provide power assisted opening of the door and spring power closing like a conventional door closer.



\* The addition of other safety features such as the Allegion Fingersafe (2550.FG) and the ability to monitor sensors helps to ensure compliance with EN 16005:2012 at the time of installation.

#### Certification

- CE Marked
- EN 16005:2012\*
- DoP available at [www.britoninspec.co.uk](http://www.britoninspec.co.uk)

#### Features & Functions

The standard Low Energy operator gives precise door control in all conditions, monitoring the door position and allowing simple adjustment of the door operating parameters such as the opening and closing speeds. In addition, provision is made for extra controls including:

- Automatic operation mode (selectable option) allows activation by either motion sensor, manual push pad/plate or via an integrated access control device
- Push & Go (selectable option) allows activation by gently pushing or pulling the door
- Manual operation allows the door to be easily operated as a standard manual door whilst still giving smooth action over the door cycle
- Power Boost (selectable option) in the final closing phase ensures the door reaches the fully closed position
- Safety stop halts the door when an object or person is encountered
- Delayed action holding is adjustable 0 - 30 sec.
- Additional safety sensors can be door mounted
- Emergency egress allows manual door opening
- Available in satin anodised aluminium finish and a range of powder coated RAL colours

### Briton

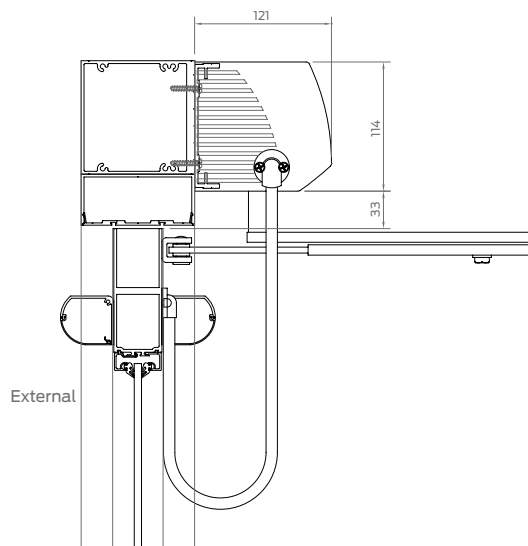
#### 2500 Series

#### Low energy door operator

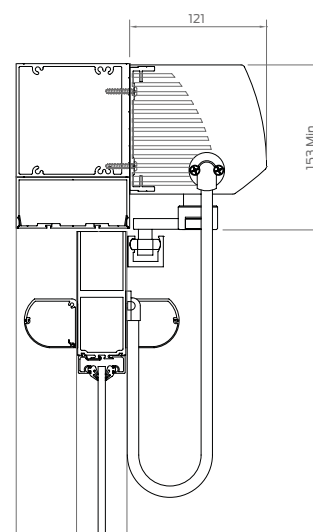
Product features	Product references	
	2550.C	2550.T.C
CE marked	■	■
Mounted on Pull side of door (with track arm)		■
Mounted on Push side of door (with projecting arms)	■	
Maximum / Min. door width *	1200 / 660mm	1200 / 760mm
Maximum leaf weight	80 kg	80 kg
Adjustable opening & closing speed	■	■
Adjustable delayed closing	1 - 30 seconds	1 - 30 seconds
Power requirements	240V ac ± 10%	
Dimensions	Operator 112 x 121 x 710mm	
Guarantee period	1 year	

#### Typical applications

The Low Energy operator provides a highly economic solution to the obligation placed on service providers to comply with legislation concerning access for disabled users as recommended in Approved Document M of Building Regulations. This totally self contained unit can be applied to existing hinged or pivoted timber, metal or glazed doors without altering the doors or frames. It may also be combined with electronic access control which will simultaneously unlock and activate the opening of the door.



Unit with armset for 'Outward Opening' doors



Unit with slide track for 'Inward Opening' doors

**ALLEGION** 

**Allegion (UK) Limited**  
35 Rocky Lane, Aston, Birmingham B6 5RQ

Tel: +44 (0) 121 380 2400  
Email: [inspec@allegion.com](mailto:inspec@allegion.com)