

Emergency Exit Hardware

Introduction

Briton 581 push pad emergency exit latch provides single point locking but is capable of expansion using pullman latch kits to provide multi point locking. Suitable for single doors or in combination on double doors.

Features & Functions

- Fully compliant with EN 179 for emergency exit applications only
- Non handed
- Suitable for single doors and in combination on double doors
- Can be used as a single rim latch device or in conjunction with pullman latch kits for multi-point latching
- Very high corrosion resistance
- Security Grade 5 - 5000N side load
- Unique assembly reduces installation time by up to 50%.
- Vertical shoots can be cut on-site.
- Easy-to-use Accufit self adhesive templates and backplates for the individual rim device and the pullman latches.
- Patented Fast-Fix cable system replaces the conventional vertical rods to connect the operating unit and the pullman latches.
- Fine cable adjustments allow for maximum installation accuracy.



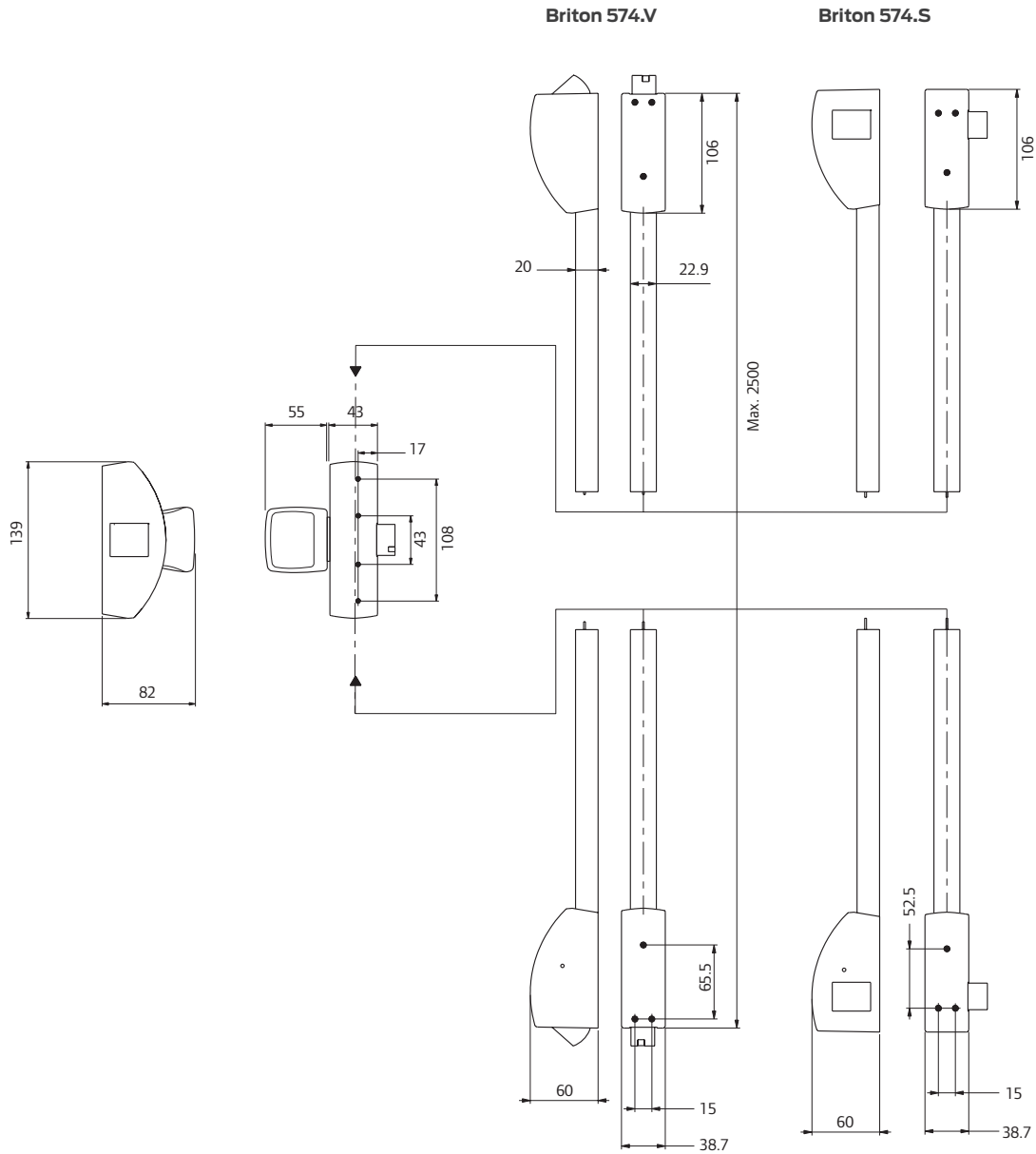
Certification

CE Marked to EN 179 (2520)

Environmental Product Declaration in accordance with ISO 14025 and EN 15803

DoP available at www.britondops.co.uk

Emergency Exit Hardware - Briton 581



Finishes

Available in sprayed silver or black or in a satin stainless steel finish. Modular latch kits are available in silver or black.



Emergency Exit Hardware

Introduction

The modular system of panic and emergency exit hardware allows you to add additional locking points to your device. By simply selecting your preferred device you can add up to five security points for double doors.



Features & Functions

- Modular components suitable for use on all Briton 560 and 570 operating devices
- Technologically advanced design with proven performance and reliability
- Suitable as standard for doors up to 2500mm high
- Cable covers can be cut on-site
- Minimal measuring is required to prepare the units to suit the door height
- Easy-to-use Accufit templates and backplates for the individual pullman latches
- Patented Fast-Fix cable system connects the pullman latches to the operating unit and allows fine cable adjustments for maximum installation accuracy
- Push on pullman latch covers are quick and simple to install

Device Type	574.V	574.S	574.VS.L 574.VS.R	574.AS
Max. door height (mm)	2500	n/a	2500	n/a
Pullman latch vertical - top	■		■	
Pullman latch vertical - bottom	■			
Pullman latch - upper side		■		■
Pullman latch - lower side		■	■	universal



Top Pullman



Upper Side Pullman

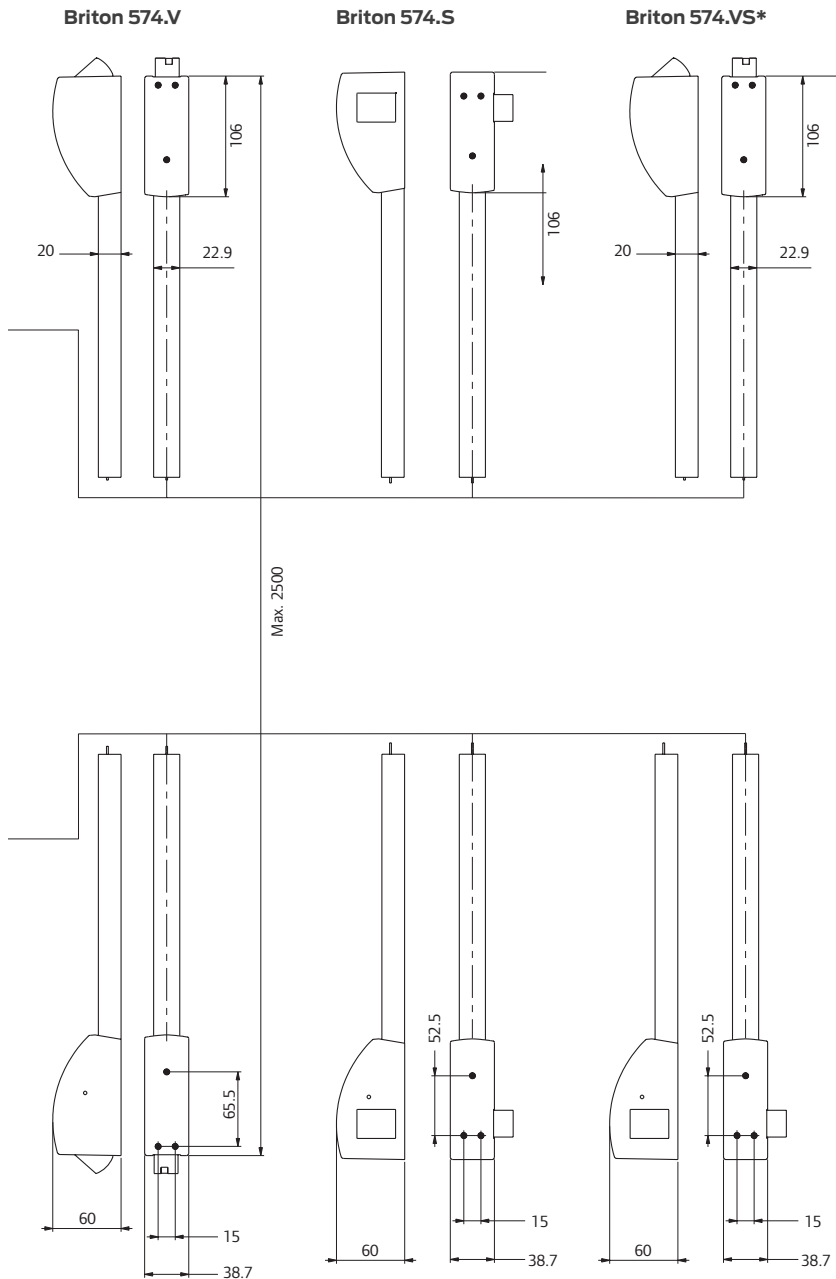


Bottom Pullman



Lower Side Pullman

Emergency Exit Hardware - Briton 574.V, 574.S, 574.AS & 574.VS

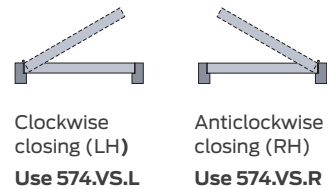


574.AS

Additional side pullman latches can be added to the system. These can be used at any position above or below the activation device to produce 4 point latching on a single door.

574.VS*

The 574.VS kit is handed for left and right hand doors. Please check the door handing protocol below.



Finishes

Touch bar is available in sprayed silver or a range of metallic finishes with sprayed silver or black chassis and end boxes.



General Maintenance

Exit hardware

All panic hardware installation will be operated by a horizontal “Push bar” or “Touch bar” which runs across the width of the door. The operating bar will be used to operate anything from a single rim latch to multipoint side or top/bottom latches.

MAINTENANCE AND CHECKING FUNCTION

In view of the important role the panic and emergency exit device plays in maintaining the safety and security of your building and its occupants, it is recommended that routine maintenance checks are carried out at intervals of not more than 1 month by the occupier or their approved representative.

Types of maintenance

Much of the routine maintenance recommended consists of a combination of visual and mechanical checks, cleaning and lubrication. Look out for the icons opposite which provide a ‘quick glance’ reminder of the maintenance required.

Visual checks

Primarily making a visual check on the product and surrounding door/frame looking for wear, damage, and general condition.



Functional checks

Consists of checking that the product operates properly without any binding or undue force required. Check that any seals or weatherstripping do not inhibit correct operation of the door.



Check fixings

Fixings need to be checked regularly and tightened when necessary. Check that no projection of fixings prevents the door from swinging freely.



Lubricating

Some products will benefit from periodic lubrication using a light machine oil or as instructed.

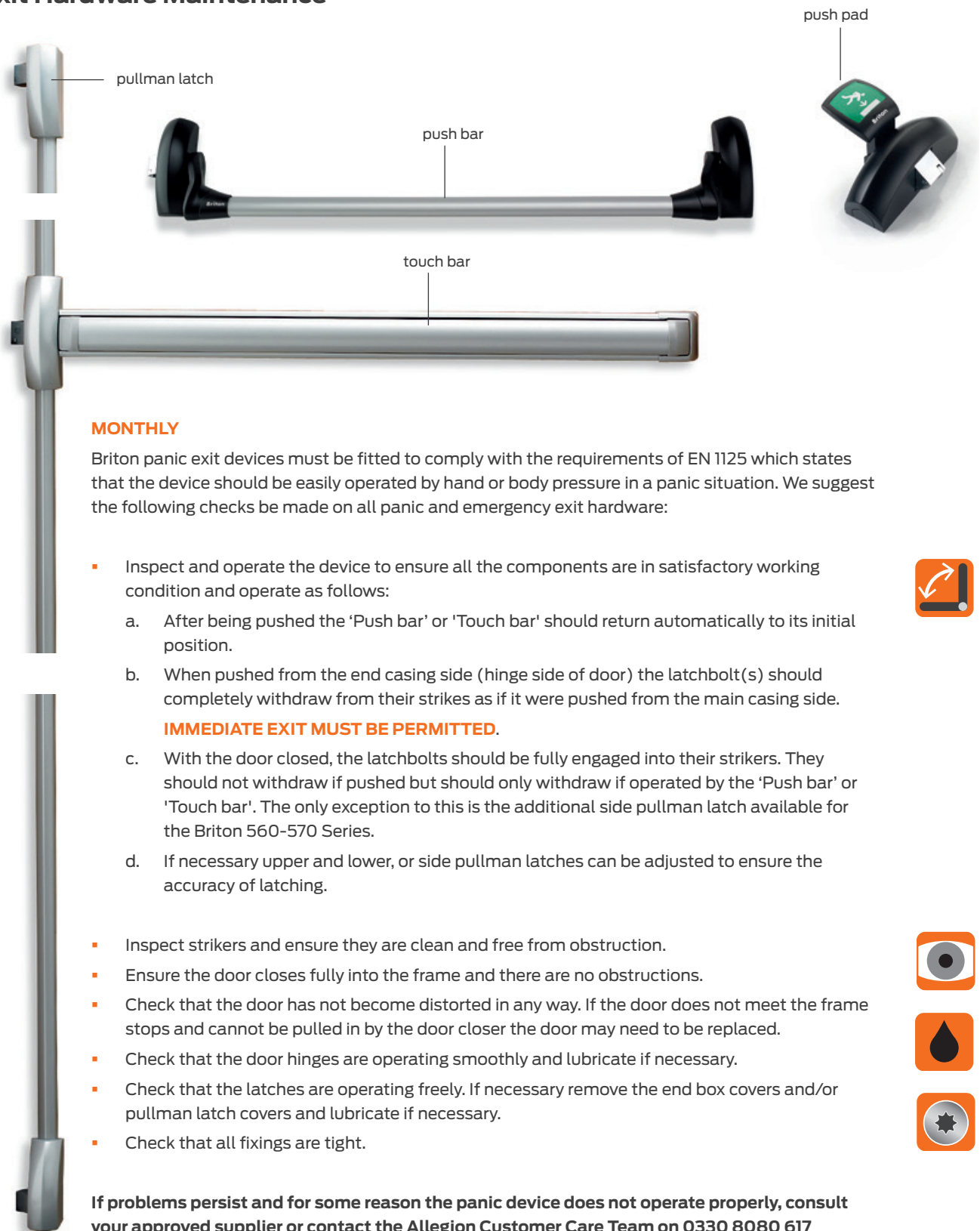


Cleaning

Build up of grease, dust and harmful chemicals should be removed to prevent corrosion and maintain the product finish.



Exit Hardware Maintenance



MONTHLY

Briton panic exit devices must be fitted to comply with the requirements of EN 1125 which states that the device should be easily operated by hand or body pressure in a panic situation. We suggest the following checks be made on all panic and emergency exit hardware:

- Inspect and operate the device to ensure all the components are in satisfactory working condition and operate as follows:
 - a. After being pushed the 'Push bar' or 'Touch bar' should return automatically to its initial position.
 - b. When pushed from the end casing side (hinge side of door) the latchbolt(s) should completely withdraw from their strikers as if it were pushed from the main casing side.
IMMEDIATE EXIT MUST BE PERMITTED.
 - c. With the door closed, the latchbolts should be fully engaged into their strikers. They should not withdraw if pushed but should only withdraw if operated by the 'Push bar' or 'Touch bar'. The only exception to this is the additional side pullman latch available for the Briton 560-570 Series.
 - d. If necessary upper and lower, or side pullman latches can be adjusted to ensure the accuracy of latching.

- Inspect strikers and ensure they are clean and free from obstruction.
- Ensure the door closes fully into the frame and there are no obstructions.
- Check that the door has not become distorted in any way. If the door does not meet the frame stops and cannot be pulled in by the door closer the door may need to be replaced.
- Check that the door hinges are operating smoothly and lubricate if necessary.
- Check that the latches are operating freely. If necessary remove the end box covers and/or pullman latch covers and lubricate if necessary.
- Check that all fixings are tight.



If problems persist and for some reason the panic device does not operate properly, consult your approved supplier or contact the Allegion Customer Care Team on 0330 8080 617