

573.N

Panic Exit Hardware

Introduction

The Briton 573.N is a touch bar panic exit operator designed specifically for use with a mortice nightlatch. The device is suitable for single doors and the primary leaf of a non-rebated door.

573.N.1.SES



Features & Functions

- Designed to satisfy panic exit applications or emergency exit applications
- Technologically advanced design with proven performance and reliability
- Robust and durable construction for all heavy traffic applications
- Supplied with cylinder mortice nightlatch with anti-thrust feature to prevent manipulation of the latch when the door is closed
- Nightlatch accepts euro profile or oval profile cylinders
- Touch bar can be cut on site to suit door width
- Grip function on touch bar to allow the door to be pulled closed
- Touch bar device is available in 2 lengths to suit doors up to 840mm and 1200mm wide
- Suitable for doors with a minimum opening width of 500mm. Can be reduced to 350mm where side latches are not required
- Complete with steel box striker



Certification

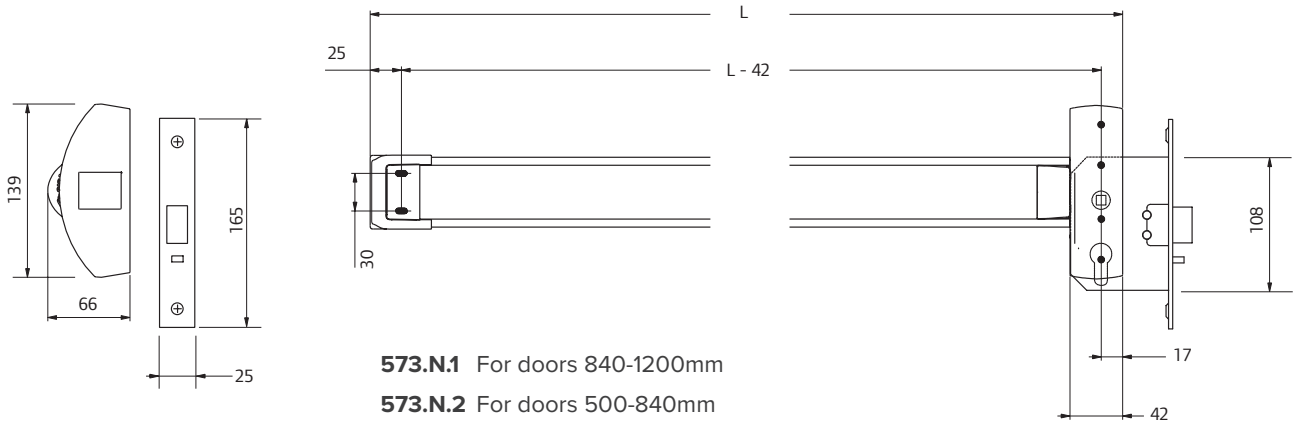
CE Marked to EN 1125 (AAA1588)

Fire tested to EN 1634-1 for use on fire doors up to 1hr timber

Environmental Product Declaration in accordance with ISO 14025 and EN 15803

DoP available at www.britondops.co.uk

Panic Exit Hardware - Briton 573.N



573.N

Single point mortice latching



Finishes

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



SE
Sprayed silver



SES
Sprayed silver



PS
Polished stainless steel



PB
Polished brass



SS
Satin stainless steel



SSS-PVD
Satin stainless steel



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 strikes 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