

570 Series - Modular Panic Exit Solutions

Briton 570 panic exit devices have been designed to offer modular solutions for mid to high end specification, providing a combination of style, safety and optimum security. The low projection touch bar device can be used independently to provide single point latching or with additional optional modular locking elements to provide multi-point latching.

The Briton 570 Series is a technologically advanced system and with proven performance and reliability it is suitable for all heavy traffic applications.



Primary options

The modular nature of the Briton 570 Series requires a number of options to be selected. Options include:

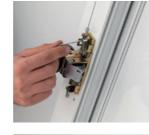
- Select optional pullman latch kits for top/bottom/side and intermediate latch positions for multi-point latching
- 571.EL unit available with electric latch retraction for use with access control for external access (see page 162)
- 570 also available to operate mortice nightlatch
- Available in a range of finishes see page 176
- Protective anti-bacterial coating applied as standard
- Optional hold-back and alarm functions

Principal Features & Benefits

- Robust construction
- Suitable for doors with a minimum clear opening width down to 500mm. This can be reduced to 350mm where side latches are not required.
- Unique assembly which reduces installation time by as much as 50%
- Easy-to-use self adhesive Accufit templates and backplates for panic devices and pullman latches
- Units can be cut down on-site to suit door width
- Patented Fast-Fix cable system replaces conventional vertical rods connecting operating units and pullman latches
- Fine adjustments of the cable system are possible in-situ for maximum accuracy during installation
- Quick and simple snap on covers

11









Touch bar

At the heart of the system is the low projection Touch Bar activation device. Each device can be used on its own to provide single point latching or with the addition of universal pullman latches for multi-point latching.

Pullman latch kits

Pullman latches provide a smooth and quiet closing action, ideal for interconnecting doors in highly populated areas.

Available as top/bottom or side acting latches where installation of the striker to the floor is not practical.

In all cases the pullman latch is connected to the Touch bar activation device using a stainless steel cable which is fully concealed beneath extruded cover channels.







A - Top Pullman B - Upper Side Pullman







C - Bottom Pullman D - Lower Side Pullman

Security

The anti-thrust device in the latch and pullmans prevents unauthorised retraction of the latches. This provides a high level of security from outside particularly when combined with multi-point latching.

Additional side pullman latches (right) 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.

Testing & Certification

CE marked to EN1125 (AAA1588)

Fire tested to EN1634 on timber doors to achieve a 2 hour fire rating. Full Declaration of Performance available from our website at:

www.doorhardware-online.co.uk









What's in the box?

- Touch bar panic operator
- Accufit template and mounting backplate
- Standard strike plate for single rim latch
- Fixing pack
- Installation instructions

** Pullman latch kits are to be ordered separately

12



570 Series - Modular Touch Bar Exit Solutions



571.1 and 571.2One Point Latching



Two*/Three Point Latching
* central latch can be disabled during installation



Two*/Three Point Latching
* central latch can be disabled during installation



pullman latches can be added to any of the systems to provide an additional latching point.

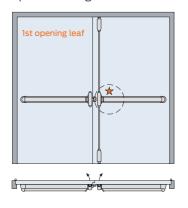
Briton 574.AS additional side



A range of components is available to provide additional functionality to the Briton 570 Series. Refer to page 165 for further details.

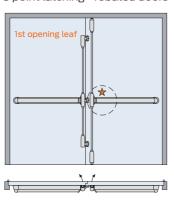
Briton 570 Series - Double door applications

3 point latching - rebated doors



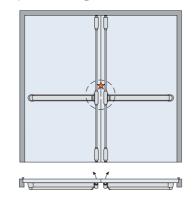
Part No.	Part No.	
Briton 571*	Briton 571*	
	Briton 574.V	

5 point latching - rebated doors



Part No.		Part No.		
Briton 571*		Briton 571*		
	Briton 574.S	Briton 574.V		

4 point latching - non rebated doors



Part No.		Part No.
Briton 571*		Briton 571*
	Briton 574.V	Briton 574.V

Finishes

installation

Briton 570 exit hardware is available in a choice of finishes with options for the push bar and optional pullman latch kits. Please see page 176 for further information.

571 + 574.VS.R (handed)

Two*/Three Point Latching

* central latch can be disabled during



Outside Access

A series of outside access devices is available for use with any of the Briton 570 Series exit devices. They provide a simple means of accessing the door from the outside by cylinder or digital push button code lock.

Please see page 177 for detailed information.



 $[\]mbox{*}$ Specify 571.1 for 1200mm wide and 571.2 for 840mm wide doors



573.N - Touch Bar Exit Solution with Mortice Nightlatch



573.N.1 and 573.N.2Mortice Nightlatch

Briton 573.N is a touch bar panic exit operator designed specifically for use with the mortice nightlatch supplied.

Features & Benefits

- Fully compliant with EN 1125 and CE marked
- 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 (not supplied)
- Complete with steel box striker
- Alarm micro switch option available
- Reversible on site for left or right hand doors
- Touch bar and vertical cable covers can be cut on site to suit door width and height
- 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 clear opening width down to 500mm. This can be reduced to 350mm where side latches are not required

571.EL - Electromechanical Exit Device

The Briton 571 EL electronic panic exit device combines the mechanical features and benefits of the standard 570 Series touch bar panic exit hardware with electronic motorised control.

It presents innovative methods for opening doors, selecting access rights, providing open control, freedom and flexibility, including hierarchical authority and timings.





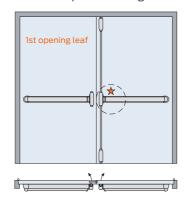
Features & Benefits

- Fully compliant with EN 1125 and CE marked
- Non handed
- Suitable for doors from 1200 mm to 600 mm (with the same device)
- Suitable for use also with existing access control system
- Warning buzzer
- Timed latch withdrawal after opening, adjustable from 3 to 30 second
- Electronic dogging possible
- Protective anti-bacterial coating applied



Briton 573.N - Double door applications

Two point latching



★ The latch must be disabled when used as part of this double door configuration.

Part No.	Part No.
Briton 573.N.1 or 573.N.2	Briton 571.1 or 571.2
	Briton 574.V

Specify 573.N.1 for 1200mm wide or 573.N.2 for 840mm wide doors

The Briton 571 EL electronic panic exit device can be integrated with a wide range of electronic access control systems including the SimonsVoss and CISA access control options. This provides convenient and controlled access from the outside by pin code or contactless proximity reader, transforming emergency exit doors into effective "smart" entrances. It is ideal for high footfall buildings such as schools, offices and

such as schools, offices and hospitals, where many employee and staff entrances will also be one of the fire exits the building.

Technical Features

- Low power usage
- Power supply AC 12-20V (50/60 Hz), DC 12-24V
- Absorbed current (max) 1.5 A (12Vdc)
- Absorbed current (stand by, OUT1-OUT2 not connected) 5mA (12Vdc)
- Length of connecting cable 4 m
- Degree of protection IP20
- Operating temperature: -10 +50°C
- Recommended power supply equal to or above 15 VA (not provided)









570 Series - Modular Push Bar Exit Solutions



Construction

The main and end casings are steel components, mounted on a steel chassis and covered by a precision zinc die-cast cover.

The steel latch is activated by an extruded aluminium touch bar enclosed in an extruded aluminium channel.

Locking kits (574.V/574.S/574.VS/574.AS)

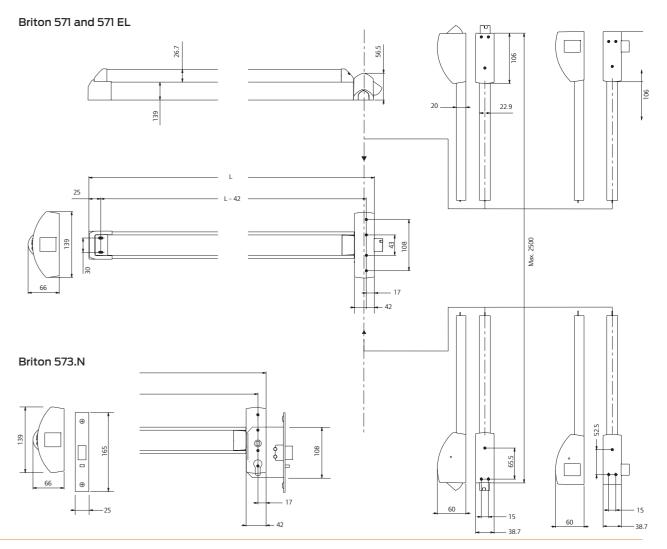
The locking points are constructed of steel components mounted on a steel chassis incorporating a steel latch. Connection to the push bar or touch bar device is via an adjustable stainless steel cable concealed by an extruded aluminium cover.

Fixing/installation

These surface mounted devices come complete with easy to follow pictorial fixing instructions. Self adhesive Accufit templates ensure accurate installation of backplates for mounting the operating mechanism and pullman latches. Mechanisms are clamped onto the backplates. Flexible steel cables connecting the operating mechanism to the pullman latches require no measuring and adjustment screws in the main unit allow for fine adjustments. Clip on covers to the main unit and pullmans complete the installation.

The devices are supplied with adjustable strikers with packers to ensure continued optimum performance.

Fixing and maintenance instructions must be passed on to the user upon completion of installation.



all dimensions are in mm

Product Ref:	Description	Finishes	
571.1	Touch bar exit device for doors from 840 to 1200mm wide		
571.2	Touch bar exit device for doors from 500 to 840mm wide	SE; SES; SS; SSS; PS; PB;	
573.N.1	Touch bar exit device with mortice nightlatch - for doors from 840 to 1200mm wide		
573.N.2	Touch bar exit device with mortice nightlatch - for doors from 500 to 840mm wide		
571.1.EL	Touch bar exit device with motorised latch retraction for doors from 840 to 1200mm wide	SE; SES; SSS	
571.2.EL	Touch bar exit device with motorised latch retraction for doors from 600 to 840mm wide		
574.S	Pullman latch kit with upper and lower side acting latches - suit left and right hand doors		
574.VS.L	Pullman latch kit with one top and one lower side acting latch - left hand		
574.VS.R	Pullman latch kit with one top and one lower side acting latch - right hand SE: BM; SS Pullman latch kit with upper and lower vertical acting latches - suit left and right hand doors		
574.V			
574.AS	Additional side acting pullman latch kit - can be inserted above or below the exit device		



570 Series - Accessories

Access Control Accessories - For Briton 571.EL only

The Briton 571 EL can be used in conjunction with CISA and SimonsVoss access control systems with the PinCode keypad, transponder or card reader as the electronic key.

SV.MK.TRA.PINCODE

MobileKey PinCode Keypad



SV.MK.TRA2.G2

Transponder



SV.MK.SREL2.ZK.G2.W

MobileKey Digital SmartRelay



SV.MK.CD.STARTER.G2

MobileKey USB programming device



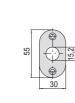
06525-75-0

CISA Access Control Keypad



06515-00-0

CISA Concealed Door Spring





Briton 576.RE

The top rod extension kit is designed for use on doors that require the push bar to be in a lower position e.g schools. It can also be used on doors up to 3350mm high, however doors over 2500mm high are outside the scope of EN 1125.

Finish: silver or matt black



Alarm switch kits

Allow standard models to be connected to electronic audio/visual alarm or door control systems giving immediate notification when the panic device is operated.

The switch is mounted in the end box of the standard panic operator.



Alarm switch kit for all Briton 570 Series devices



Briton 574.STE

Easy clean socket for use with lower pullman



These units allow standard models to be upgraded to permit free access when required.

The manual hold-open function is operated by a key and holds all latches in the withdrawn position.



Dogging device kit (not suitable for Briton 573.N)

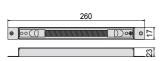


Briton 574.STP

Adjustable strike for use with top or side pullmans fitted to PVCu frames with a projection of 14 - 24mm.

06515-15-0

CISA Concealed Door Loop -260mm



06515-20-0

06515-21-0

CISA Door Loop - 300mm CISA Door Loop - 600mm



Product Ref:	Accessories	Finishes
576.RE	Extension for top pullman to suit doors up to 3350mm (not covered by CE) - for all 570 Series	SE: BM; SSS-PVD
576.AK	Alarm kit for Briton 570 touch bar device - for all 570 Series	n/a
576.DK	Dogging kit to hold the latch(es) in the retracted position - not suitable for 573.N	SE: BM
574.STE	Easy clean floor socket for bottom pullman - for all 570 Series	BM
574.STP	Strike for use with PVCu frames - suits top or side pullan latches - for all 570 Series	BM
SV.MK.CD.STARTER.G2	MobileKey USB programming - For use with Briton 571.EL units only	
SV.MK.TRA.PINCODE	MobileKey PinCode keypad - For use with Briton 571.EL units only	
SV.MK.TRA2.G2	MobileKey transponder - For use with Briton 571.EL units only	
SV.MK.SREL2.ZK.G2.W	MobileKey Digital SmartRelay - For use with Briton 571.EL units only	
06515-00-0	Access control keypad - For use with Briton 571.EL units only	
06515-15-0	Concealed door spring	
06515-20-0	Concealed door loop to transfer power cable from 571.EL to door frame	
06515-21-0	Surface door loop (300mm) to transfer power cable from 571.EL to door frame	
06525-75-0	Surface door loop (600mm) to transfer power cable from 571.EL to door frame	



560 Series - Modular Panic Exit Solutions

Briton 560 panic exit devices have been designed to offer modular solutions for mid to high end specification, providing a combination of style, safety and optimum security. The push bar device can be used independently to provide single point latching or with additional optional modular locking elements to provide multi-point latching.

The Briton 560 Series is a technologically advanced system and with proven performance and reliability it is suitable for all heavy traffic applications.



Primary options

The modular nature of the Briton 560 Series requires a number of options to be selected. Options include:

- Select optional pullman latch kits for top/bottom/side and intermediate latch positions for multi-point latching
- End covers, operating arms and push bars are vailable in a range of finishes see page 176
- Optional hold-back and alarm functions

Features & Benefits

- Robust construction
- Suitable for doors with a minimum clear opening width down to 500mm. This can be reduced to 350mm where side latches are not required.
- Unique assembly which reduces installation time by as much as 50%
- Easy-to-use self adhesive Accufit templates and backplates for panic devices and pullman latches
- Units can be cut down on-site to suit door width
- Patented Fast-Fix cable system replaces conventional vertical rods connecting operating units and pullman latches
- Fine adjustments of the cable system are possible in-situ for maximum accuracy during installation
- Quick and simple snap on covers









Touch bar

At the heart of the system is the Push Bar activation device. Each device can be used on its own to provide single point latching or with the addition of universal pullman latches for multi-point latching.

Pullman latch kits

Pullman latches provide a smooth and quiet closing action, ideal for interconnecting doors in highly populated areas.

Available as top/bottom or side acting latches where installation of the striker to the floor is not practical.

In all cases the pullman latch is connected to the push bar activation device using a stainless steel cable which is fully concealed beneath extruded cover channels.



Additional side pullman latches (right) 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.



Testing & Certification

CE marked to EN1125 (AAA1589)

Fire tested to EN1634 on timber doors to achieve a 2 hour fire rating. Full Declaration of Performance available from our website at:

www.doorhardware-online.co.uk













A - Top Pullman

B - Upper Side Pullman





C - Bottom Pullman D - Lower Side Pullman

Security

The anti-thrust device in the latch and pullmans prevents unauthorised retraction of the latches. This provides a high level of security from outside particularly when combined with multi-point latching.

What's in the box?

- Push bar panic operator
- Accufit template and mounting backplate
- Standard strike plate for single rim latch
- Fixing pack

D

Installation instructions

** Pullman latch kits are to be ordered separately

22



560 Series - Modular Push Bar Exit Solutions



561
One Point Latching



Two*/Three Point Latching
* central latch can be disabled during installation



Two*/Three Point Latching
* central latch can be disabled during installation



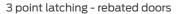
pullman latches can be added to any of the systems to provide an additional latching point.

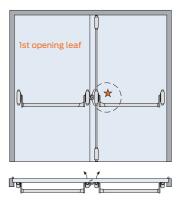
Briton 574.AS additional side



A range of components is available to provide additional functionality to the Briton 570 Series. Refer to page 175 for further details.

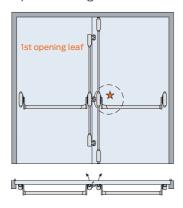
Briton 560 Series - Double door applications





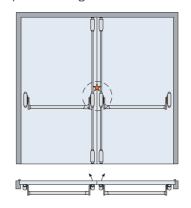
Part No.	Part No.
Briton 561	Briton 561
	Briton 574.V

5 point latching - rebated doors



Part No.		Part No.
Briton 561		Briton 561
Briton 574.S		Briton 574.V

4 point latching - non rebated doors



Part No.		Part No.	
Briton 561		Briton 561	
	Briton 574.V	Briton 574.V	

Finishes

installation

Briton 560 exit hardware is available in a choice of finishes with options for the push bar and optional pullman latch kits. Please see page 176 for further information.

561 + 574.VS.R (handed)

Two*/Three Point Latching

* central latch can be disabled during



Outside Access

A series of outside access devices is available for use with any of the Briton 560 Series exit devices.
They provide a simple means of accessing the door from the outside by cylinder or digital push button code lock.

Please see page 177 for detailed information.



23



Briton 560

560 Series - Modular Push Bar Exit Solutions

	=	574.V	574.5	574.VS.L	574.VS.R	574.AS
Device Type	561	72	57	57	57	57
Panic exit device to EN 1125						
Single point latching						
Min./Max. door width (mm)	500* 1300	n/a	n/a	n/a	n/a	n/a
Max. door height (mm)	n/a	2500	n/a	2500	2500	n/a
Pullman latch kit top/bottom		•				
Pullman latch kit side acting			•			-
Pullman latch kit - combination top/side				•	•	
Features						
Touch bar/push bar cut on-site						
Fast-Fix cable system		•		•	•	-
Vertical cable cover cut on-site		•	-	•	•	-
Self handed	•	•	•			-
Handed - specify when ordering				•		
Alarmed (accessory)						
Dogged hold-open facility (accessory)						
CE Classification						
377B1422AA	-					

574.V 574.S 574.V 574.S 41. dimensions are in mm

Construction

The main and end casings are steel components, mounted on a steel chassis and covered by a precision zinc die-cast cover.

The steel latch is activated by a tubular steel bar.

Locking kits (574.V/574.S/574.VS/574.AS)

The locking points are constructed of steel components mounted on a steel chassis incorporating a steel latch. Connection to the push bar or touch bar device is via an adjustable stainless steel cable concealed by an extruded aluminium cover.

Fixing/installation

These surface mounted devices come complete with easy to follow pictorial fixing instructions. Self adhesive Accufit templates ensure accurate installation of backplates for mounting the operating mechanism and pullman latches. Mechanisms are clamped onto the backplates. Flexible steel cables connecting the operating mechanism to the pullman latches require no measuring and adjustment screws in the main unit allow for fine adjustments. Clip on covers to the main unit and pullmans complete the installation.

The devices are supplied with adjustable strikers with packers to ensure continued optimum performance.

Fixing and maintenance instructions must be passed on to the user upon completion of installation.

Product Ref:	Description	Finishes
561	Push bar exit device for doors from 500mm to 1300mm wide	PB; PS; SE; SES; SS; SSS
574.S	Pullman latch kit with upper and lower side acting latches - suit left and right hand doors	
574.VS.L	Pullman latch kit with one top and one lower side acting latch - left hand	
574.VS.R	Pullman latch kit with one top and one lower side acting latch - right hand	SE: BM; SS
574.V	Pullman latch kit with upper and lower vertical acting latches - suit left and right hand doors	
574.AS	Additional side acting pullman latch kit - can be inserted above or below the exit device	

Product Ref:	Accessories	Finishes
576.RE	576.RE Extension for top pullman to suit doors up to 3350mm (not covered by CE)	
566.AK	Alarm kit for Briton 560 push bar device - see page 175	n/a
566.DK	Dogging kit to hold the latch(es) in the retracted position	SE: BM
574.STE	Easy clean floor socket for bottom pullman	BM
574.STP	Strike for use with PVCu frames - suits top or side pullan latches	BM



581 Series - Modular Push Pad Exit Solutions

For use in areas which will only be used by trained personnel

Principal Features & Benefits

- 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 conjuction with pullman latch kits for multi-point latching
- Very high corrosion resistance
- Security Grade 5 5000N side load



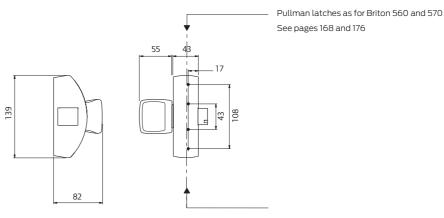








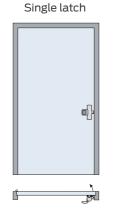
Modular emergency exit solutions offering multi-point latching



all dimensions are in mm

Product Ref:	Description	Finishes
581	Push pad emergency exit device to EN 179	SE; BM
574.S	Pullman latch kit with upper and lower side acting latches - suit left and right hand doors	
574.VS.L	Pullman latch kit with one top and one lower side acting latch - left hand	
574.VS.R	Pullman latch kit with one top and one lower side acting latch - right hand	SE: BM; SS
574.V	Pullman latch kit with upper and lower vertical acting latches - suit left and right hand doors	
574.AS	Additional side acting pullman latch kit - can be inserted above or below the exit device	

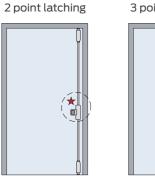
Briton 581 - Single door applications



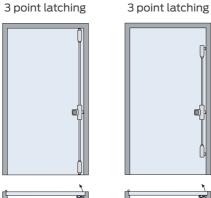
Part No. Briton 581









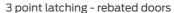


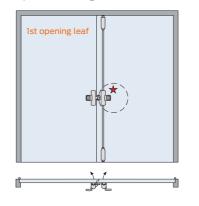




Part No. Briton 581 Briton 574.VS.L

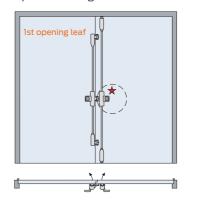
Briton 581 - Double door applications





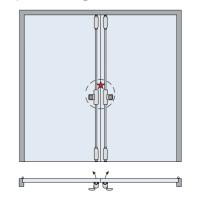
Part No.	Part No.		
Briton 581	Briton 581		
	Briton 574.V		

5 point latching - rebated doors



Part No.		
Briton 581		
Briton 574.V		

4 point latching - non rebated doors



Part No.	Part No.
Briton 581	Briton 581
Briton 574.V	Briton 574.V



560 & 581 Series - Accessories

Briton 576.RE

The top rod extension kit is designed for use on doors that require the push bar to be in a lower position e.g schools. It can also be used on doors up to 3350mm high, however doors over 2500mm high are outside the scope of EN 1125.



Alarm switch kits

Allow standard models to be connected to electronic audio/visual alarm or door control systems giving immediate notification when the panic device is operated.

The switch is mounted in the end box of the standard panic operator.

Dogging device (hold-open) kits

These units allow standard models to be upgraded to permit free access when required.

The manual hold-open function is operated by a key and holds all latches in the withdrawn position.

566.AK

Alarm switch kit (for use with Briton 560 only)

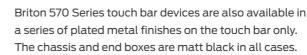


566.DK



Dogging device kit (for use with Briton 560 only)





SS - Satin stainless steel

SSS - Satin Stainless Steel PVD

PS - Polished stainless steel

PB - Polished brass



Briton 574.STE

Easy clean socket for use with lower pullman



Briton 574.STP

Adjustable strike for use with top or side pullmans fitted to PVCu frames with a projection of 14 - 24mm.

Product Ref:	Accessories	Finishes
576.RE	Extension for top pullman to suit doors up to 3350mm (not covered by CE) - for all 570 Series	SE: BM; SSS-PVD
576.AK	Alarm kit for Briton 570 touch bar device - for all 570 Series	n/a
576.DK	Dogging kit to hold the latch(es) in the retracted position - not suitable for 573.N	SE: BM
574.STE	Easy clean floor socket for bottom pullman - for all 570 Series	BM
574.STP	Strike for use with PVCu frames - suits top or side pullan latches - for all 570 Series	BM

570, 560 & 581 Series - Guide to Finishes

The modular nature of the Briton 560 and 570 Series means the finish of the operator and any additional pullman latch kits must be specified.

We recommend always to specify any pullman latch kits in a finish to match the operator end boxes (see below).

Finish description

SES: End boxes push bar and operating arms are powder coated silver with light grey push bar connector.

SE: Push bar is powder coated silver with all other components including end boxes in matt black. Pullman latch kits in SE are sprayed silver throughout.

BM: Powder coated matt black. Applies to pullman latch kits and accessories only.













29



Briton 560, 570 & 581 - Outside Access

A series of outside access devices which can be used with the Briton 560, 570 and 581 Series panic and emergency exit devices. They provide a simple means of accessing the door from the outside.

- Designed to suite with all Briton CE compliant exit devices
- Suitable for doors 40mm to 70mm thick
- Fixings suitable for timber & metal doorsets
- Powder coated for additional durability silver, gold and brown bronze
- Choice of plated finishes satin stainless steel, polished stainless steel and polished brass
- Illustrated instructions and template enabling accurate installation



Briton 1413.KE - knob variant

Supplied with euro-profile

Keyed-alike or master-keyed

Note: not recommended for

cylinder options available

Optional key retention

Non-handed

high use areas

standard differ cylinder





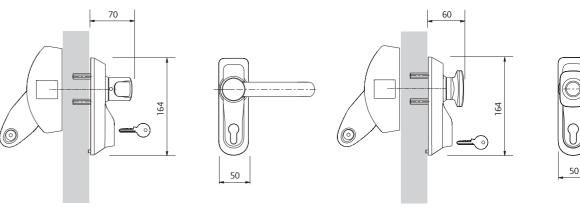
Briton 1413.LE - lever variant Briton 9260 digital code lock

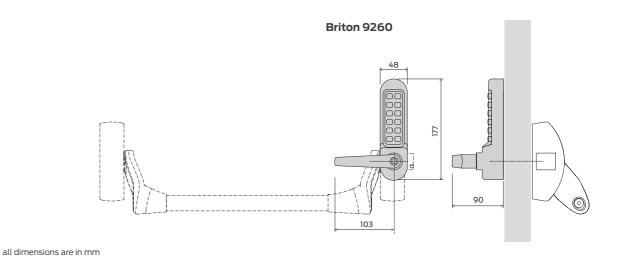
- Ergonomic design providing
 improved grip in wet
 conditions.

 Anti vandal design with clutch
 mechanism allows the lever to
 rotate when the unit is locked
 - Site reversible lever provides good grip and easy action
 - Easy retrofit on existing Briton 1413E models
 - Supplied with euro-profile standard differ cylinder
 - Keyed-alike or master-keyed cylinder options available
 - Cylinders can be incorporated into existing masterkey systems
 - BS 8300 compliant lever
 - Optional key retention

Briton 1413.LE

Briton 1413.KE





- Digital code lock option has over 2047 non sequential code options
- Supplied with extra long spindles for use with Briton exit devices
- Reversible lever operation for left or right hand applications
- Code changed by removing the unit from the door
- Not suitable for use with 389.N

Device Type	561	571	571.EL	573.N	581
Briton 1413.KE		•		•	
Briton 1413.LE	•	•		•	•
Briton 9260	•	•		•	•
Electronic access control*			•		

* A series of SimonsVoss and CISA access control is available for use with the Briton 571.EL motorised panic exit device. Please refer to page 165 for information.