



9000 Series

Panic Exit Device



9000 Series Panic Exit Device



Public buildings like most industrial and commercial premises are required to meet the conflicting need for both safety and security.

Regulations relating to escape from buildings and general safety have made it desirable that doors at exits in public buildings, places of public entertainment, shops, etc, be fitted with panic exit devices.

If safety and security are your concerns, the solution is push control.

The main purpose of a panic exit device is to give safe and effective escape through a doorway with minimum effort and without prior knowledge of the device.

Lockwood's range of Panic Exit Devices reliably secure egress doors in accordance with all applicable fire and safety code requirements.

Where the ultimate in push control is required Lockwood Panic Exit Devices are designed to meet all your safety and security needs.



Lockwood 9000/9100 Series Rim Type Panic Exit Device

A range of surface mounted rim type exit devices suitable for 900 or 1200 mm width doors. Features include deadlatching, fire rated and cylinder key hold-back (dogging). Suitable for single and double door applications.



Lockwood 9300/9400 Series Vertical Type Panic Exit Device

A range of surface mounted vertical type exit devices suitable for 900 or 1200 mm width doors. Features include two point security locking with deadlatching, fire rated and cylinder key hold-back (dogging). Suitable for single and double door applications.



Lockwood 9500/9600 Series Rim Type Mortice Lock Panic Exit Device

A range of mortice lock type exit devices for 900 or 1200 mm width doors.

Features include additional security of Lockwood 3572 Series Mortice Lock and keying, fire rated, compatibility with Lockwood Brass Door Furniture range of knobs and levers. Suitable for single and double door applications.

9000 Series Panic Exit Device

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Panic Exit Device Specifications

Lockwood's 9000 Series Panic Devices are designed to provide a ready means of escape at all times and still maintain high levels of security.

Designed to comply with world class standards for both safety and fire.

Safety & Security

The main purpose of a panic exit device is to give safe and effective escape through a doorway with minimum effort and without prior knowledge of the device.

In a panic situation, a group of people will react differently from an individual. When two or more people are running to an escape door, probably in darkness and/or smoke, it is possible that the first one to reach the door will not necessarily operate the panic device, but can push the surface of the door while other people will be trying to operate the panic bar by hand or body pressure.

The Lockwood 9000 Series Panic Exit Devices will enable a door to be opened at all times by hand or body pressure along the inside face of the panic device and not require the use of a key or any other object. All Lockwood 9000 Series Panic Exit Devices are designed for ease of opening by the young, elderly and handicapped.

Standard

The Lockwood 9000 Series Panic Exit Devices meet or surpass the following Australian and worldwide standards.

EUROPEAN STANDARD

EN1125:1997

NF & QE LISTED

MEETS NFP26-215

ANSI A156 GRADE REQUIREMENTS

FIRE RATED

These products have been successfully tested on fire door assemblies in accordance with Australian Standard AS 1905.1: 1997 Fire Resistant Doorsets.

ANTI-CORROSION

This product has been successfully tested in accordance with AS 2331.3.1: 1980 Neutral Salt Spray Test (NSS TEST).

D3 DURABILITY

This product has been successfully tested in accordance with Level D3 (Durability) Australian Lock Standard (AS 4145.2: 1993).

S2 HIGH SECURITY

This product has been successfully tested in accordance with Level S2 (Physical Security) Australian Lock Standard (AS 4145.2: 1993).

Performance

Meets European Standard EN1125:1997

Normal Situations

Low opening pressure is ideal for children, older people and the handicapped.

Under these conditions a light push of 8 kg (maximum) will operate the push bar.

Panic Situations

Device operates in panic situations even if door is subject to loads of 100 kg.

Under these conditions a maximum of 22 kg will operate the push bar.



9000 Series Panic Exit Device

Panic Exit Device Specifications (continued)

Description

Lockwood 9000 Series Panic Exit Devices are available in a range of functions. Mechanism design ensures easy installation, clean styling and ease of operation. Suitable for single or double doors.

Applications

It is important that the width of the passage of the door is not unduly reduced by the projection of the operating bar. This is why the standards set the projection at 100 mm (EN1125:1997). Lockwood has reduced this projection to 60 mm with its push bar 9000 Series, allowing for a panic bar in a narrow passage without modification of the door or the number of units of passage.

Suitable for single or double doors, timber, metal, narrow profile, glass security and fire doors.

Features & Specifications

Deadlatching on all bolts.

Safety clutch outside lever trim plate protects the unit from damage that could render the device inoperable.

Adjustable on site.

Automatic top and bottom latches maintaining the bolt drawn in when the door is open (vertical version).

Surface mounted for ease of installation.

Pick resistant bottom latch.

Handing

All functions are reversible and non handed except 9500/9600 Series mortice lock versions.

Materials

The body is manufactured of steel. Internal mechanisms made of steel or brass.

Main cover made of decorated electroplated steel pressing.

Secondary cover made of decorated Zamak.

Horizontal bar made of decorated steel.

Lever plate operating mechanism is made from electroplated steel pressings with high density zinc alloy cover.

Latchbolt

Made of double chrome plated steel.

Auxiliary Bolt

Made of double chrome plated steel.

Door Thickness

Standard 35 to 45 mm doors.

Mortice lock version 32 to 48 mm doors.

Specify door thickness when other than standard.

Product Width

Standard maximum 838 mm to suit (900 mm) door.

1141 to suit (1200 mm) door.

Door Height

Standard maximum height 2300 mm (vertical rod version).

For doors between 2300 to 3000 mm in height, order extension rod kit Part No. 9000/50SIL.

Installed with centre line of exit device at 1023 mm above finished floor level.

Doorstile

Suitable for both 90° and flush head door stiles minimum head clearance requirement of 30 mm.

Outside Trims

Key entry, key entry with pull plate and key/lever entry with mechanism safety override (refer details page 10).

Hold-back (dogging).

Euro cylinder key hold-back available on all types.

Hold-back is not an approved function on fire doors.

Standard Finishes

Body – Silver, Powdercoat.

Touchbar – Black, Powdercoat.

Keying

All Lockwood 9000 Series Panic Exit Devices can be used in conjunction with Lockwood Master Keying Systems, standard C4 Keyed Alike or Keyed to Differ.

Because of the complexity of keying requirements cylinders will need to be ordered separately.

Special Keying

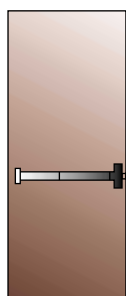
Can be keyed alike, master keyed, grand master keyed, maison keyed or construction keyed in Lockwood security keying systems.

Specification Service

For hardware specification assistance, refer to your local Lockwood Sales Office or Authorised Agent.

A comprehensive obligation free door hardware specification can be prepared by our hardware representatives.

Typical Door Installations



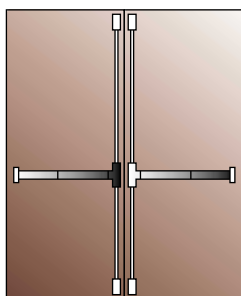
Single Door with Rim Device

9000EOSIL
9100EOSIL



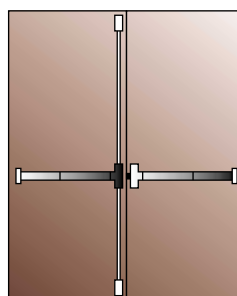
Single Door with Vertical Device

9300EOSIL
9400EOSIL



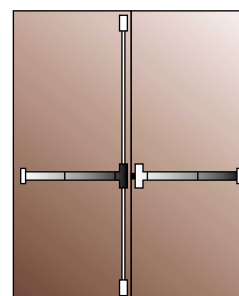
Pair of non-rebated Doors with 2 Vertical Devices

9300EOSIL 9300EOSIL
9400EOSIL 9400EOSIL



Pair of Rebated Doors 1 Vertical Device and 1 Rim device

9300EOSIL 9000EOSIL
9400EOSIL 9100EOSIL



Pair of Rebated Doors 1 Vertical Device, Mortice Lock and Rebate Strike

9300EOSIL 9500MLSIL
9400EOSIL 9600MLSIL

9000 Series Panic Exit Device

9000/9100 Series Rim Type Panic Exit Device

The Lockwood 9000/9100 Rim Type Panic Exit Device is designed to provide a ready means of escape at all times by the single action of pushing on a horizontal bar fitted across the full width of a door.

Features & Specifications

Suitable for single and double door applications of 900 or 1200 mm width doors.

Slim, neat design, surface mounted, dead latching, cylinder key hold-back (dogging), wide selection of furniture, non-handed.



FIRE RATED

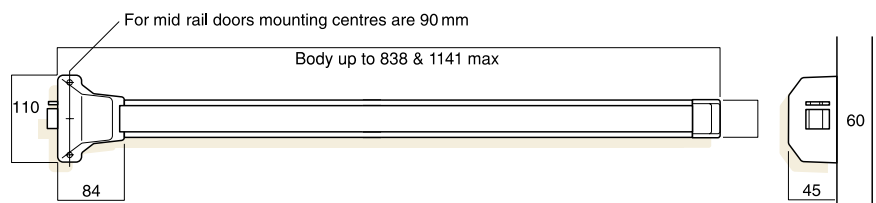
Lockwood 9000 Series Panic Exit Devices have been successfully tested on fire door assemblies in accordance with AS 1905.1: 1997 Fire Resistant Doorsets.

The basic 9000 series horizontal panic exit device is suitable for timber, metal and security glass doors with mid rail.

Standard Finishes

Silver Polyester Powdercoat with Black touch bar

SIL



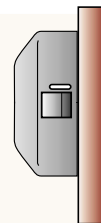
Pack includes double door strike

Horizontal Push Bar

Optional 201-252SC Cylinder for Key Entry (order separately).

- | | |
|-----------------------|---|
| Part No. 9000EOSIL | Single point locking to suit 900 mm door. |
| Part No. 9100EOSIL | Single point locking to suit 1200 mm door. |
| Part No. 9000CDEOSIL* | Single point locking with key hold-back (dogging) to suit 900 mm door. |
| Part No. 9100CDEOSIL* | Single point locking with key hold-back (dogging) to suit 1200 mm door. |

* Order hold-back cylinder separately.

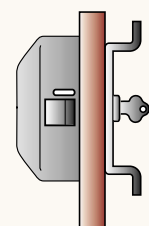


Horizontal Push Bar Key Entry with Pull Plate

Cylinder 201-252SC (order separately).

- | | |
|-----------------------|---|
| Part No. 9000NLSIL | Single point locking to suit 900 mm door. |
| Part No. 9100NLSIL | Single point locking to suit 1200 mm door. |
| Part No. 9000CDNLSIL* | Single point locking with key hold-back (dogging) to suit 900 mm door. |
| Part No. 9100CDNLSIL* | Single point locking with key hold-back (dogging) to suit 1200 mm door. |

* Order hold-back cylinder separately.



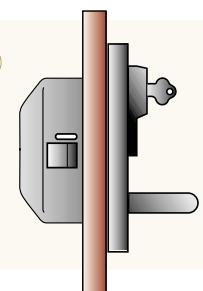
Horizontal Push Bar Key Entry with Lever Plate

Cylinder 8219-302SC Locks or unlocks lever (order separately).



- | | |
|-----------------------|---|
| Part No. 9000LASIL | Single point locking to suit 900 mm door. |
| Part No. 9100LASIL | Single point locking to suit 1200 mm door. |
| Part No. 9000CDLASIL* | Single point locking with key hold-back (dogging) to suit 900 mm door. |
| Part No. 9100CDLASIL* | Single point locking with key hold-back (dogging) to suit 1200 mm door. |

* Order hold-back cylinder separately.



Cylinder Hold-back (Dogging)

Cylinder 9555-502CP (order separately).

Can be keyed alike, master keyed, grand master keyed, or construction keyed in Lockwood high security keying systems.

Note: Hold-back is not an approved function on fire doors.



9000 Series Panic Exit Device

9300/9400 Series Vertical Type Panic Exit Device

The Lockwood 9300/9400 Vertical Type Panic Exit Device is designed to provide a ready means of escape at all times by the single action of pushing on a horizontal bar fitted across the full width of a door.

Features & Specifications

Suitable for single and double door applications of 900 or 1200 mm wide doors, 2300 mm standard up to 3000 mm in height.

Slim, neat design, surface mounted, dead latching, automatic top and bottom latches maintaining the bolt drawn in when the door is open, pick resistant bottom latch, cylinder key hold-back (dogging), wide selection of furniture, non-handed.



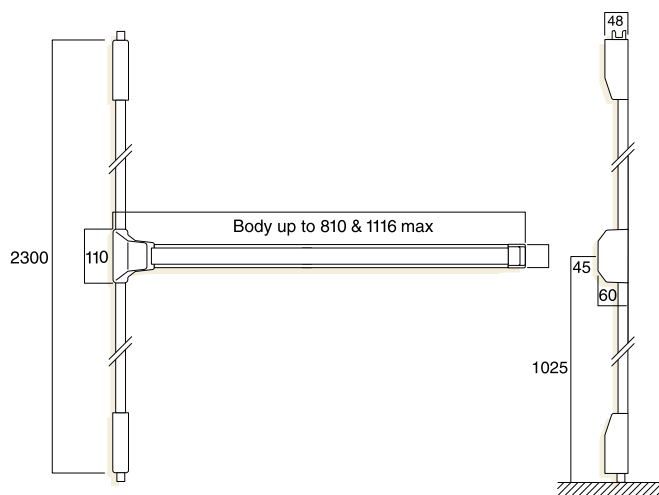
FIRE RATED

Lockwood 9000 Series Panic Exit Devices have been successfully tested on fire door assemblies in accordance with AS 1905.1: 1997 Fire Resistant Doorsets.

The basic 9000 Series Horizontal Panic Exit Device is suitable for timber, metal and security glass doors with mid rail.

Standard Finishes

Silver Polyester Powdercoat with Black touch bar SIL

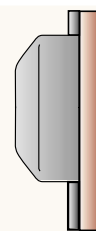


Pack includes standard and flush head top strike.

Vertical Push Bar

Part No. 9300EOSIL	Two point vertical locking to suit 900 mm door.
Part No. 9400EOSIL	Two point vertical locking to suit 1200 mm door.
Part No. 9300CDEOSIL*	Two point vertical locking with key hold-back (dogging) to suit 900 mm door.
Part No. 9400CDEOSIL*	Two point vertical locking with key hold-back (dogging) to suit 1200 mm door.

* Order hold-back cylinder separately.



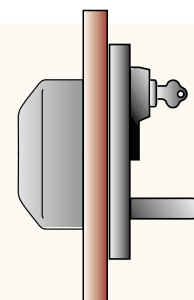
Vertical Push Bar Key Entry with Lever Plate

Cylinder 8219-302SC Cylinder for Key Entry.
Lock or unlock lever (order separately).



Part No. 9300LASIL	Two point vertical locking to suit 900 mm door.
Part No. 9400LASIL	Two point vertical locking to suit 1200 mm door.
Part No. 9300CDLASIL*	Two point vertical locking with key hold-back (dogging) to suit 900 mm door.
Part No. 9400CDLASIL*	Two point vertical locking with key hold-back (dogging) to suit 1200 mm door.

* Order hold-back cylinder separately.



Cylinder Hold-back (Dogging)

Cylinder 9555-502CP (order separately).

Can be keyed alike, master keyed, grand master keyed, or construction keyed in Lockwood high security keying systems.

Note: Hold-back is not an approved function on fire doors.



9000 Series Panic Exit Device

9500/9600 Series Rim Type Panic Exit Device with Mortice Lock

The Lockwood 9500/9600 Rim Type Panic Exit Device is specifically designed to be used in conjunction with the Lockwood 3572 High Security Cylinder Mortice Lock and Lockwood 1800/2800 Series Brass Door Furniture.

An additional benefit of this will enable the designer/specifier the convenience to use the same Lockwood brass lever/knob designs that have been selected for the project.

Operation

Inside "exit by" rim device operates mortice lock.

Outside "entry by" lever/knob operates mortice lock.

Locking, see cylinders functions below.



FIRE RATED

Lockwood 9000 Series Panic Exit Devices have been successfully tested on fire door assemblies in accordance with AS 1905.1: 1997 Fire Resistant Doorsets.

Standard Finishes

Panic Device – Silver Polyester Powdercoat with Black touch bar **SIL**

Brass Furniture

Chrome Plate	CP
Florentine Bronze	FB
Polished Brass	PB
Satin Chrome	SC
Black Chrome Plate	BCP

To choose suitable Lockwood Brass Door Furniture, select from the range on page 9.

Keying

Standard Keying

All Lockwood 9500/9600 Series Panic Exit Devices can be used in conjunction with Lockwood Master Keying Systems, standard C4 Keyed Alike or Keyed to Differ.

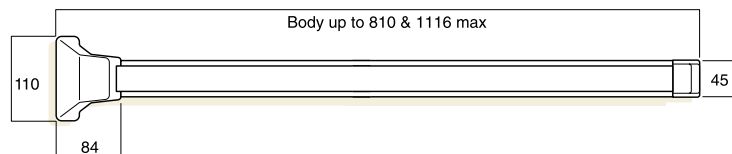
Because of the complexity of keying requirements cylinders will need to be ordered separately.

Special Keying

Can be keyed alike, master keyed, grand master keyed, or construction keyed in Lockwood high security keying systems.



Note: This product is handed to suit left or right hand doors.

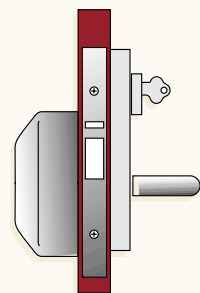


Horizontal Rim Type Panic Exit Device with Mortice Lock

These functions include a panic bar, mortice lock, all mounting brackets and screws. Cylinders, exterior brass furniture not included (order separately).

Part No. 9500MLLSIL	Left hand single point locking to suit 900 mm door
Part No. 9500MLRSIL	Right hand single point locking to suit 900 mm door
Part No. 9600MLLSIL	Left hand single point locking to suit 1200 mm door
Part No. 9600MLRSIL	Right hand single point locking to suit 1200 mm door

Suitable for both single and double door installations of 900 or 1200 mm width. When fitting to double doors fit to active leaf and fit either 9300/9400 Series vertical rod exit device to inactive leaf. For double doors the Lockwood double door strike, 3570-2902 (fire rated) or 3570-4902 (non fire rated) needs to be fitted.



Cylinders

The following mortice lock oval shaped brass cylinder functions are available.

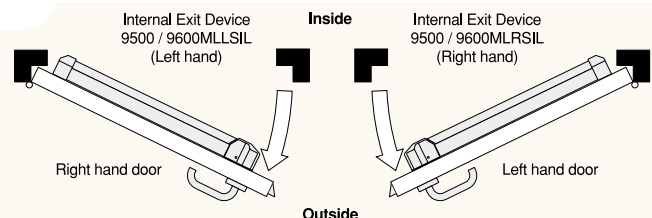
Part No. 570-2	Outside cylinder "X" key entry retract bolt
Part No. 572-2	Outside cylinder "Z" locks/unlocks outside handle
Part No. 9000-2402(RH)	Hold-back cylinder
Part No. 9000-2452(LH)	Hold-back cylinder

Specify finish after part number.



Handing

9500/9600 Series mortice lock versions are handed to suit left or right handed doors.



9000 Series Panic Exit Device

Brass Door Furniture Plates to Suit 9500/9600 Series

Lockwood door furniture is strong and reliable with that quality feel and smooth action characteristic of the world's finest door furniture, ensuring trouble free service.

Lockwood door furniture is available in a wide range of stylish knob, lever and plate designs suitable for architectural, industrial, commercial and residential applications.

Lockwood furniture is made from the highest quality materials and is available in a choice of superb finishes that provide complete freedom of choice.

Door Thickness

Fixing screws to suit door thicknesses between 32 and 48 mm. For thicker doors longer screws and spindles must be ordered.

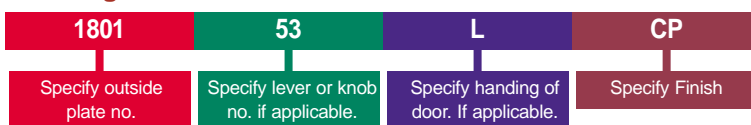
Handing

Plates are not handed; lever may be reversed by removing stop screw, except those denoted by *.

Standard Finishes

Chrome Plate	CP
Florentine Bronze	FB
Polished Brass	PB
Satin Chrome	SC
Black Chrome Plate	BCP

Ordering Procedure



Plates and Functions

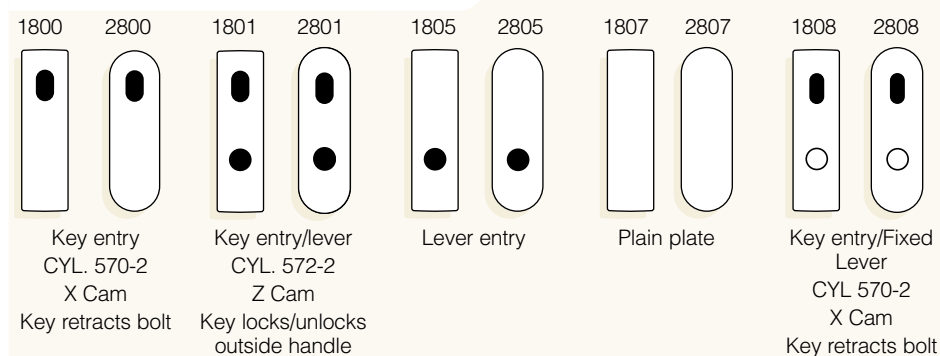
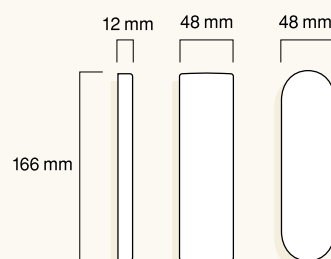
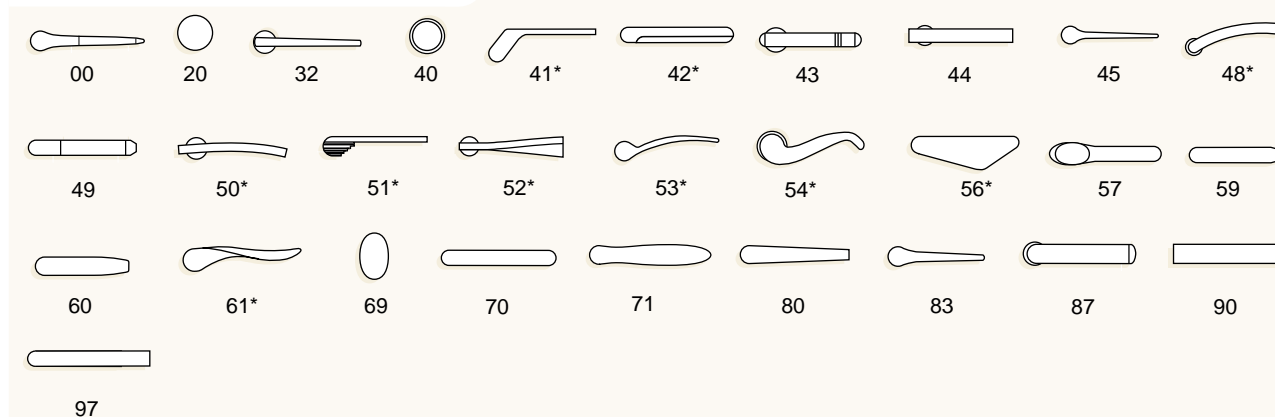


Plate Dimensions



For handle/knob limiting dimensions refer to Lockwood Brass Door Furniture catalogue.

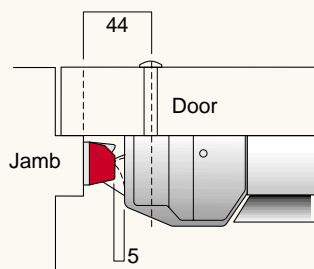
Levers and Knobs to Suit



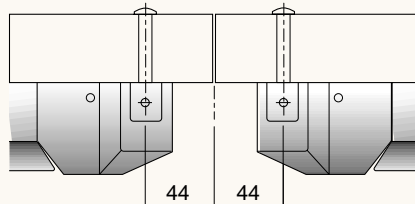
* Denotes handed levers

Latching & Accessories

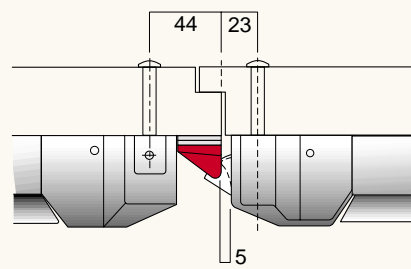
Latching Detail Single & Double Door Versions



Single door rim type
9000/90SIL Strike

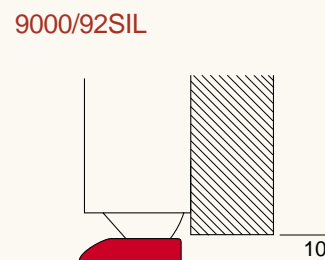
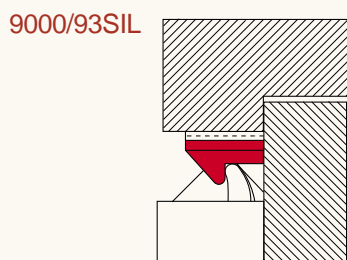
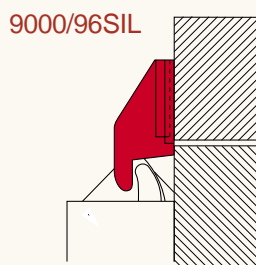


Double door two vertical

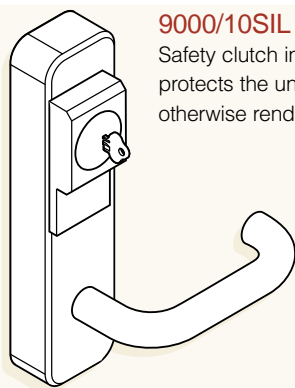


Double door rebated vertical and rim type
9000/94SIL Strike

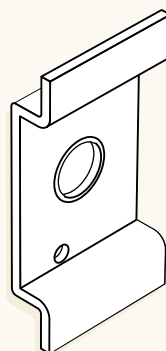
Latching Detail for Vertical Rod Versions



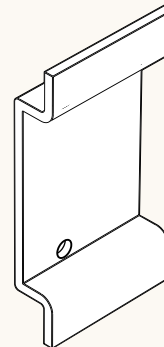
Outside Lever Trim Plates



9000/10SIL Lever Plate
Safety clutch in outside lever trim plate protects the unit from damage that could otherwise render the device inoperable.



9000/15SIL
Cylinder Pull Plate



9000/20SIL
Plain Pull Plate

Accessories/Spare Parts Listing

Part No. 9000/10SIL	Outside lever trim plate	Part No. 9000/96SIL	Top strike (flush head mounting)
Part No. 9000/15SIL	Outside pull plate (cylinder)	Part No. 9000/50SIL	Set extension cover and rod to suit 2.3 to 3 m doors
Part No. 9000/20SIL	Outside pull plate (no cylinder)	Part No. 9000/60SIL	4 hour fire rated sex bolts
Part No. 3572/9000SC	Lockwood 3572 mortice lock kit	Part No. 9000/65SIL	End cap assembly
Part No. 9000/30BLK	Mortice lock mounting plate (large)	Part No. 9000/70SIL	Front cover (rim device)
Part No. 9000/35BLK	Mortice lock mounting plate (small)	Part No. 9000/75SIL	Front cover (vertical device)
Part No. 9000/90SIL	Single door strike	Part No. 9000/80	Interior finger pull (PWD)
Part No. 9000/92SIL	Bottom strike	Part No. 201-252SC	Key entry cylinder
Part No. 9000/93SIL	Top strike (standard mounting)	Part No. 8219-202SC	Lever plate cylinder
Part No. 9000/94SIL	Double door strike	Part No. 9555-502CP	Hold-back (dogging) cylinder

9000 Series Panic Exit Device

Link Products

Door Closers

Quite often doors fitted with Panic Exit Devices require a closing device. Lockwood offer a wide range of high quality door closers, hydraulic floor springs and transom closers for such applications. (Refer to individual Lockwood price lists.)



Lockwood 414/426 Series
Power Adjustable Door Closer



Lockwood Arrow 714/726 Series
Power Adjustable Door Closer

Coordinating Devices

When fitting door closers to a pair of rebated doors it is important that the doors close in their correct sequence.

The Lockwood 3000 is designed to ensure this happens.

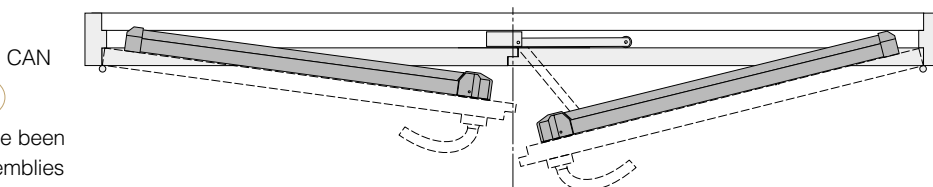
Dimensions of body: length 75 mm, width 32 mm, depth 19 mm.

Standard Finishes

Clear Anodised



Lockwood coordinating devices have been successfully tested on fire door assemblies in accordance with Australian Standard AS 1905 1997 Part 1, Fire Resistant Doorsets.



Ordering Procedures

Part No. A4000 X 305CAN	For doors fitted with Lockwood Panic Exit Devices (up to 2400 mm wide).
Part No. A3000 X 180CAN	Pair of doors up to 1800 mm wide.
Part No. A3000 X 230CAN	Pair of doors up to 2400 mm wide, when fitted with door closers.

Door Stops

It is recommended that a door stop be installed to ensure that the door has a positive backstop at the degree of opening selected. It is essential to use a door stop where design factors of the building necessitate opening out of external doors and no windbreak is provided.

Position the door stop near the periphery of the door arc to prevent racking and twisting of the door which may result in damage to the door, frame or hydraulic unit.

Floor Mounted Door Stop A250SC, CP, PB, BRN

Wall Mounted Door Stop A350SC, CP, PB, BRN





Visit us at: www.lockwoodsecurity.com.au

Sales Offices & Authorised Agents

Victoria – Head Office

50 Edward Street
Oakleigh Vic. 3166
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Facsimile (03) 8574 3788

Queensland South

450 Sherwood Road
Sherwood Qld 4075
Telephone (07) 3373 5200
Facsimile (07) 3373 5256

Queensland North

Ralph Buck Agencies
15 Mackley Street
Garbutt Qld 4814
Telephone (07) 4779 0177
Facsimile (07) 4775 1480

New South Wales

Unit 7, 192 Kingsgrove Road
Kingsgrove NSW 2208
Telephone (02) 9554 4011
Facsimile (02) 9554 3772

South Australia

182 Magill Road
Norwood SA 5067
Telephone (08) 8364 1930
Facsimile (08) 8364 1931

Western Australia

45 Gladstone Street
East Perth WA 6004
Telephone (08) 9227 9588
Facsimile (08) 9227 8913

Tasmania

23 Antill Street
South Hobart Tas. 7000
Telephone (03) 6223 5404
Facsimile (03) 6224 0435

Northern Territory

Taylor Enterprises
Lot 1360 Makagon Road
Berrimah NT 0828
Telephone (08) 8984 3653
Facsimile (08) 8947 0082

New Zealand

9B Mahunga Drive
Mangere Bridge
Auckland New Zealand
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Telephone +61 (0)3 8574 3888
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Manufacturing Plants

Victoria

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ASSA ABLOY – Shanghai

ASSA ABLOY – Beijing

Contact the Export Department, Australia for details.

Worldwide Distributors

Contact the Export Department, Australia for details.



Lockwood Guarantee

Lockwood Security Products Pty Limited ("Lockwood") guarantees its products against defects in workmanship and materials. If within the normal working life of a product it is found to be defective, Lockwood will supply the same or an equivalent product free of charge.

All electrical components used in our products are guaranteed for a period of five years from the date of manufacture. Lockwood however, assumes no liability under this guarantee for the following:

1. Improper installation or failure to follow fitting instructions.
2. Failure due to improper maintenance or fair wear and tear.
3. Indirect or consequential loss or damage.
4. Cost of removal and/or replacement.

5. Cost of freight and/or travelling time.

6. The plated finishes, Florentine Bronze, Architectural Bronze, Polished Brass, Gold and Satin Brass are classified as soft finishes. As deterioration is possible under some climatic conditions, these finishes are excluded from this guarantee.

7. Any modification to a product as supplied, or repairs, unless authorised by Lockwood.

8. Use of replacement parts other than authorised parts.

9. Malfunction or failure of the product due to the use of non-genuine Lockwood parts.

Nothing in the Lockwood guarantee excludes, restricts or modifies any condition, warranty, right or liability implied or protected by law where to do so would render the Guarantee, or any part of it, void.



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