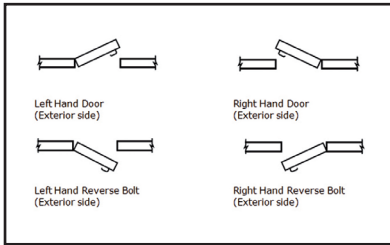




Push Button Lock Product Guide

Electronic,
mechanical and
coded access control

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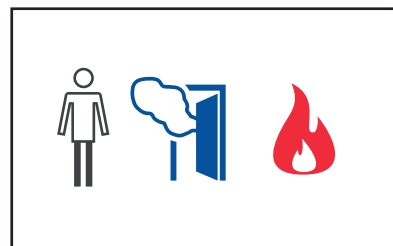
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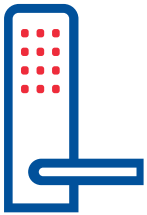
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Push Button Locks

Electronic & Mechanical



Push Button Locks are operated with codes instead of keys. These locks are a basic component in any large access control system or a complete stand alone system for smaller premises.

Types of Push Button Locks:

Electronic:

dormakaba's electronic push button locks provide additional functionality beyond mechanical access control. These products range from simple programming to more advanced applications requiring software which allows management, multiple users, doors, time zones and audit trails.

Mechanical:

Mechanical Push Button Locks offer a convenient way to control access between public and private areas. There are no cards or keys to manage, no computers to program, no batteries to replace and combinations can be changed within seconds without removing the lock from the door.

Markets:

- Commercial
- Residential
- Industrial
- Healthcare
- Education
- Military & Government
- Utilities

Door Handing Specifications

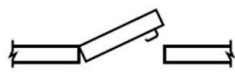


Many of the Simplex range are handed and cannot be changed in the field. The handing of the door must be determined and specified on ordering.

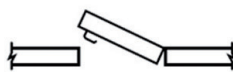
Determining the handing of your door for Push Button Locks:

Stand in front of the door in its closed position from the exterior push button side. Right or left door handing is determined from the position of the hinge side of the door, hinges to the right then a right hand opening door, hinges to the left a left hand opening door.

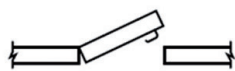
Use the diagram below to help you determine the handing of your door:



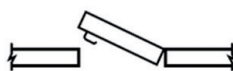
Left Hand Door
(Exterior side)



Right Hand Door
(Exterior side)



Left Hand Reverse Bolt
(Exterior side)



Right Hand Reverse Bolt
(Exterior side)

Please quote your Door Handing specifications when ordering.

Visit our website for all dormakaba downloads, assistance, manuals, code change/ lost code assistance, exploded views and more.

www.dormakaba.co.uk

Electronic: The E-Plex[®] Range E-plex 2000



Lever operated lock

Features:

- Up to 100 user codes
- PIN access
- Lock is easily programmed via keypad without removing lock from the door - or with E-plex standard software
- Non-handed / field reversible
- Key override with black cap- optional, allows entry by key which overrides keypad
- Passage- can be toggled on/off or can be pre-programmed to relock after a certain number of hours (non-Powerstar™)
- Lockout- Anti tamper function
- Service Codes
- 1000 event audit trail (software needed)
- Pextra and expert key override cylinder available as an option extra

Locking Device Options:

- Cylindrical latch
- ASM- Mortise option
- Exit device option please visit www.dormakaba.co.uk for up-to-date list of exit devices

Door thickness:

- 35 - 64 mm; pre-assembled to accommodate doors 41 - 50 mm

Powerplex Option:

- Powerplex based on the Powerstar technology, utilizes new capacitor technology to store power longer and more efficiently, pressing the first button of your code charges the lock
- No batteries to replace saves money and helps the environment
- Provides lower cost of ownership- no ongoing costs
- Environmentally friendly
- Easy to install, use and maintain

Certification & Standards:

- American with Disabilities Act (ADA)
- 31 degrees F (-35 degrees C) to 151 degrees R (66 degrees C)
- 3 Year warranty

Finishes:



Satin
Chrome

Bright
Brass

Electronic: The E-Plex[®] Range E-plex 5000



Lever operated lock

Features:

- Users- 100 codes; upgradable to 300 codes with optional software
- PIN access
- Locks are programmed via keypad or with optional Microsoft Excel based software
- Non-handed; pre-assembled for left hand door installations- easily changed in the field
- Key override allows entry by key which overrides keypad
- Passage- can be toggled on/off or can be pre-programmed to re-lock after a certain number of hours
- Lockout- Anti tamper function
- Audit trail 3000 events
- Pextra and expert key override cylinder available as an option extra

Locking Device Options:

- Cylindrical: Cylindrical latch
- Rim Exit Device
- American Standard Mortise: with and without deadbolt
- Entry/ Exit
- Stand-Alone Access Controller
- Exit device option- please visit www.dormakaba.co.uk for up-to-date list of exit devices

Door thickness:

- Cylindrical Model: 35 - 50 mm; pre-assembled to accommodate doors 41 - 50 mm; hardware kits included for thin and thick doors

Models Available:

- 5200- 3000- access codes/ E-Plex Advanced Access Control Software
- 5600- access codes/ E-Plex Advanced Control software, MIFARE, DESFIRE, iClass
- 5700- 3000 access codes/ E-Plex Advanced Access Control Software, HID Prox
- 5800- 3000 access codes/ FIPS software
- 5900- card- connected lock/ CoreStreet enabled /supports DESFire or MIFARE

Certification & Standards:

- Americans with Disabilities Act (ADA)
- 3- hour, UL/ULC fire door rating for "A" labeled doors
- ANSI/BHMA A 156.2, Grade 1 Certification
- Environmental
 - Indoor/ Outdoor Approved
 - Front Housing: -31° F (-35° C) to +151° F (66° C)
 - Rear Housing: -31° F (-35° C) to +130° F (55° C)
- 3 Year warranty

Finishes:



Satin Chrome

Black

Satin Brass

Bright Brass

Bright Chrome

Dark Bronze

Mechanical: The Simplex® Range Simplex 1000



Knob operated lock

Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed via keypad without removing lock from the door
- Factory- handed for left hand doors; easily field reversible
- Key Override*- allows entry by key which overrides keypad
- Passage *- allows access without using the lock entry code. Feature activated from the inside with a thumbturn or key (included with all passage feature models)
- Back to back lock*- keypad on internal and external side of the door. Access code required for entry and exit.
- Tested to 1 million cycles
- No batteries
- Locking device: cylindrical

Door thickness:

- 41 - 48 mm Factory supplied
- 31 - 38 mm Field changeable
- 51 - 57 mm Field changeable

Models Available:

- 1011- Combination entry
- 1021- Combination entry, key override (cylinder not included)
- 1031- Combination entry, passage
- 1041- Combination entry, key override (cylinder not included)

Other Options:

- EE1000- Back to Back version

Certification & Standards:

- Weather resistant
- 3 Year warranty

Finishes:



* Selected models

Mechanical: The Simplex® Range Simplex L1000



Lever operated lock

Features:

- Single access code - one easy to manage code for all users
- Lock is easily programmed via keypad without removing lock from the door
- Factory- handed; not field reversible
- Key Override* - allows entry by key which overrides keypad
- Passage *- allows access without using the access code. Feature activated from the inside with a thumbturn or key (included with all passage feature models)
- Tested to 1 million cycles
- No batteries
- Locking Device Options: Cylindrical
- Lever Handle

Door thickness:

- 41 - 48 mm Factory supplied
- 31 - 38 mm Field changeable
- 51 - 57 mm Field changeable

Exit device compatibility for LP1000:

- | | |
|---|--|
| • Black & Decker (K-12) QED111/112 | • F-XX-V*, 18-V*, F-18-V*, F-XX-V*, 11-R*, 11-V* |
| • Cal Royal 5000/F5000 | • Von Duprin 22, 88 NL, 98, 99, 900, 2227, 9827, |
| • Detex Advantex Series 10, 20, 21,40, 50, 51 | • 9847, 9847 WDC, 9848, 9857, 9927, 9947, 9947, |
| • Detex 10/F10 Series | • WDC, 9948, 9957, 90027, 90047 WDC, 90057 |
| • Dorex 8500R/8500F | • *(requires special K-Hub Adapter Kit) |
| • Dorex 9500PR/9500FR | |
| • Dorma 9100, 9300 | |
| • Monarch XX-R*, FXX-R, 18-R*, | |
| • F-18-R*, 17-R, F-17-R, XX-V*, | |

Models Available:

- L1011- Combination entry
- L1021- Combination entry, key override (cylinder not included)
- L1031- Combination entry, passage
- L1041- Combination entry, key override, passage (cylinder not included)
- L1076- Combination entry, key override, lockout (special order)

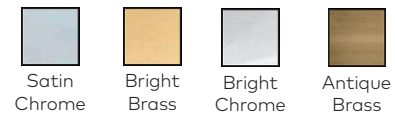
Other Options:

- LP1000- Panic function lock

Certification & Standards:

- Weather resistant
- 3 Year warranty

Finishes:



* Selected models

Mechanical: The Simplex® Range Simplex 3000



Narrow Style lock

Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed via keypad without removing lock from the door
- Non - handed, required drive assembly plate
- Drive assembly plate is factory handed
- Key Override*- allows entry by key which overrides keypad
- Passage*- allows access without using the access code. Feature activated from the outside using cylinder override key
- Lockout- disables the lock so that access codes cannot be used to gain access. Access is permitted using the key override only. This is activated from the outside using the cylinder override key
- No batteries
- Locking Device Options: Mortise: Adams Rite 4510/4710/4910 mortise latch (not supplied)
- Fits narrow stile aluminium glass doors
- Cylinder type: screw-in cylinder

Door thickness:

- 44 mm maximum

Drive plate options:

- 25 mm- Back-set/Handing Right Hand or Right Hand Reverse
- 25 mm- Back-set/Handing Left Hand or Left Hand Reverse
- 29 mm- Back-set/Handing Right Hand or Right Hand Reverse
- 29 mm) Back-set/Handing Left Hand or Left Hand Reverse

Certification & Standards:

- Weather resistant
- 1 year warranty

Finishes:



Satin
Chrome

* Selected models

Mechanical: The Simplex® Range Simplex 5000



Lever operated lock

Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed via keypad without removing lock from the door
- Non - handed, pre-assembled for left-hand door installations- easily changed in the field
- Key override allows entry by key which overrides keypad,
- Passage *- allows access without using the access code. Feature activated from the inside with a thumbturn or key (included with all passage feature models)
- No batteries

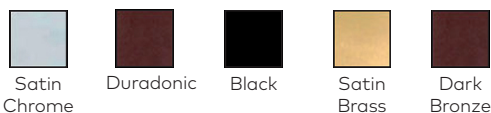
Locking Device Options:

- Cylindrical latch
- Rim Exit Device: compatible with a wide range of Exit Devices
- Available with Pextra & Expert/ quattro pluS inserts to enable keying to master plans or existing codes

Door thickness:

- 41 - 48 mm - Factory fitted
- 31 - 38 mm - Field changeable
- 51 - 57 mm - Field changeable

Finishes:



Models Available:

- 5021- Cylindrical lock
- 5031- Cylindrical lock, Interior combination change
- 5041- Cylindrical lock/ Passage
- 5051- Cylindrical lock/ Passage, Interior combination change

Certification & Standards:

- American with Disabilities Act (ADA)
- Weather resistant
- 3 Year warranty

Exit device compatibility for 5000:

- | | |
|--|--|
| • Arrow S1250 Dorex 8500R/8500F Sargent 8888 | • Duprin XP98/99 |
| • Arrow S3883F/ S3800 Dorex 9500PR/9500FR | • Corbin Russwin ED5200/5200A |
| • Von Duprin 22/22F | • Sargent 2828 Yale YME2100/2100 |
| • Black & Decker (K-2) QED111/112 Dorma 9300/F9300 Von Duprin 98/98F | • Detex 1001 BP1 Sargent 3828 Yale 7100 |
| • Cal Royal 9800 Monarch 18R*, F18R* Von Duprin 99/99F | • Detex 10/F10 Series Sargent 8810E/8800 |
| • Cal Royal 2200 Precision 21/FL21 Von | • *(requires special K-Hub Adapter) |

ATTENTION: Compatibility is subject to change if modifications are made by Exit Device manufacturers without dormakaba's knowledge.

* Selected models

Mechanical: The Simplex[®] Range Simplex 7100



Thumb turn operated lock

Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed via keypad without removing lock from the door
- Handing field set
- Latch hold back (7106 models only)
- No batteries

Locking Device Options*:

- Deadbolt- must be manually relocked
- Deadlocking latch- relocks automatically when door closes
- Rim locking latch- relocks automatically when door closes

Door thickness:

- 35 - 57 mm - wood or metal

Models Available:

- 7102, 7108- Deadbolt: Auxiliary Lock, Manual relock, 25 mm throw, flat front
- 7104- Deadlocking latch: Primary or Auxiliary Lock, Automatic relock, 13mm throw, flat front
- 7106- Rim Deadlocking Latch: Auxiliary Lock, Automatic relock, for wood doors only, 16 mm throw

Certification & Standards:

- Weather resistant
- 1 Year warranty

Finishes:



Satin
Chrome



Bright
Brass



Bright
Chrome



Antique
Brass

* Selected models

Mechanical: The Simplex® Range 900 Series



Thumb turn operated lock

Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed without removing lock from the door
- Factory handed for left hand doors, easily field reversible; invert the lock for the right hand doors; Roman numerals are easily read in either orientation
- Latch hold-back keeps latch retracted to allow access without combination

Locking Device Options:

- Deadbolt- 25 mm, flat faceplate throw, manual relock, key override (select models)
- Deadlocking Latch- 16 mm throw, flat faceplate, automatic relocking, key override (select models)

Door thickness:

- 35 - 38 mm
- 44 - 54 mm
- Model 929: Lockset for D.O.D. standards, 44 - 54 mm only
- Model 927: Lockset for D.O.D. standards, 35 - 38 mm only

Models Available:

- 902, 904, 906, 910- Deadbolt
- 917, 919, 935, 938- Deadlocking latch
- 927, 929- Security Lock (special order)

Certification & Standards:

- Weather resistant
- 1 Year warranty

Finishes:



Satin
Chrome



Bright
Brass

Mechanical: The Simplex[®] Range LD470



Lever operated lock

Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed once the keypad has been removed from the door
- Pre-assembled for the right hand door installations (field reversible)
- Locking device options: tubular latch
- Resistant to code manipulation
- No batteries

Door thickness:

- 35 - 64 mm

Models Available:

- LD470 - with passage and flat lever only

Certification & Standards:

- 1 Year warranty

Finishes:



Satin
Chrome

Mechanical: The Simplex® Range LD450



Thumb turn operated lock

Features:

- Single access code- one easy to manage code for all users
- Lock is easily programmed once the keypad has been removed from the door
- Locking device options: tubular latch
- Resistant to code manipulation
- No batteries

Door thickness:

- 35 - 64 mm

Models Available:

- LD450 - with latch hold-back and octagonal knob only

Certification & Standards:

- 1 Year warranty

Finishes:



Satin
Chrome



Bright
Brass

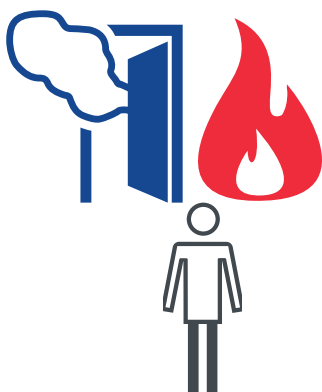
Intumescent Door Kits

As a market leader of mechanical and electronic push button locks, dormakaba continually review certifications and testing data. In line with new UK fire testing requirements and guidelines, we are in the process of re-testing the core mechanical push button locks.

As a result, our current UK fire assessment (402559 REV iss 2) expired on the 1st October 2019. Due to testing house lead times, there will be a slight gap before any new assessment reports are available. Currently we are expecting the new testing to be available in the first quarter of 2020. All existing UL/ULC fire testing data will still apply.

The fitting of the intumescent material must be carried out in accordance with the supplied fitting instructions.

The specifier and the installer are responsible for ensuring this product is specified and installed in the correct application and within all relevant regulations.



Features:

- Quick, clean and easy to install, custom shaped intumescent kits provide protection against fire
- The intumescent material is supplied with a self adhesive backing, to assist in the installation
- dormakaba Intumescent Door Kits are customised to each PBL model
- Fitting instructions are supplied with the Intumescent Door Kit to ensure the material is fitted correctly with the PBL

Contact us:

T: 0870 000 5625

E: info.gb@dormakaba.com

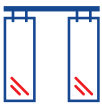
www.dormakaba.co.uk

Our products



Mechanical Key Systems

Systems that enable access rights and key control to all rooms within the premises



Interior Glass Systems

System solutions made from glass for a wide range of everyday and office applications



Lodging Systems

Hotel locks and locking systems as well as access management solutions for holiday homes



Electronic Access & Data

Electronic access control and workforce management for efficient access management, security and data collection



Door Hardware

Solutions for residential or commercial projects



Entrance Systems

Automated access solutions for convenient access to buildings



Safe Locks

Security locks for preventing unauthorized access to goods, valuables, information or hazardous substances



Services

Tailor-made services and customized maintenance for long-term functional integrity of access and security solutions

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