

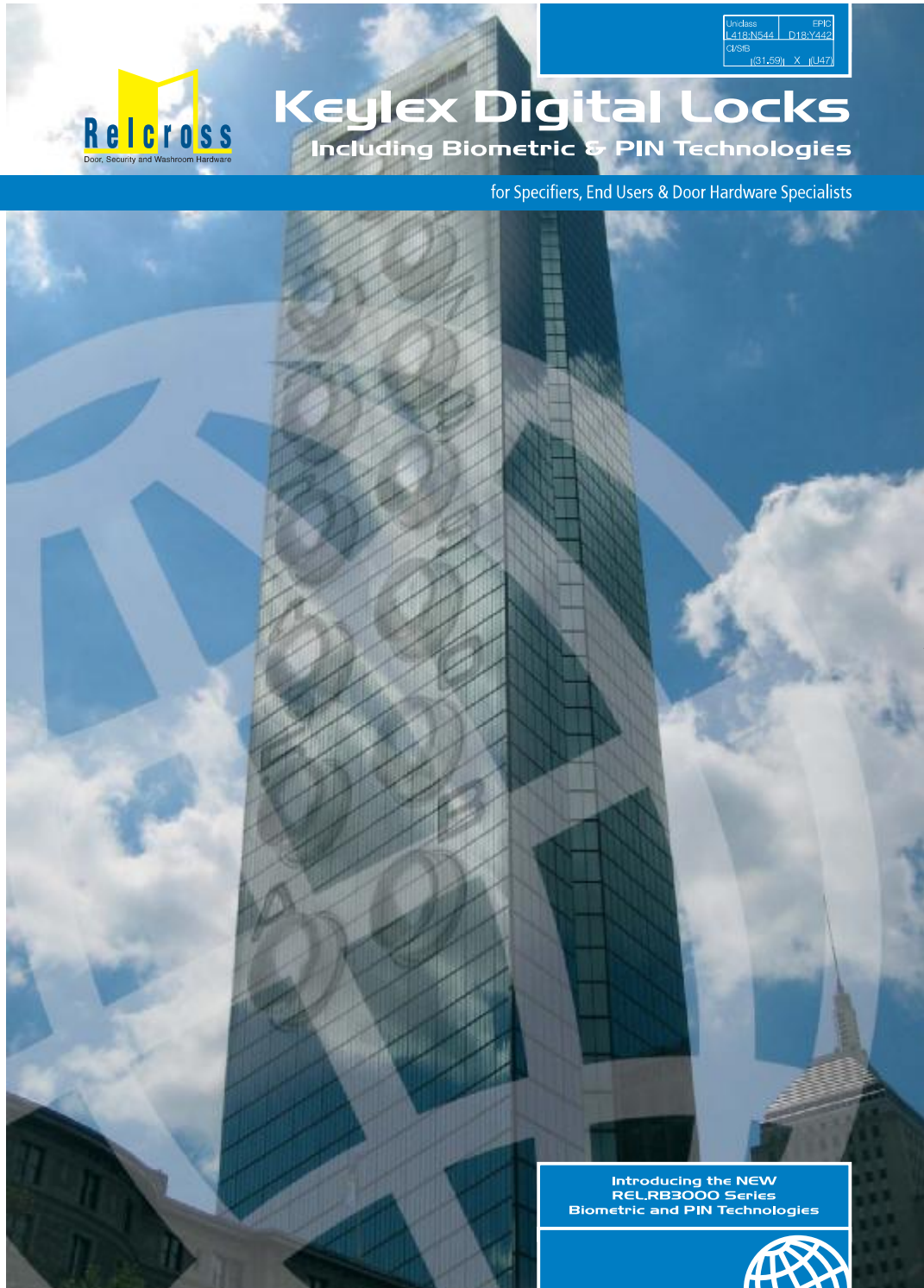


Underclass	EPIC
L418;N544	D18;Y482
CI/SIB	
(31.59) X	(L47)

Keylex Digital Locks

Including Biometric & PIN Technologies

for Specifiers, End Users & Door Hardware Specialists



Introducing the NEW
REL.RB3000 Series
Biometric and PIN Technologies



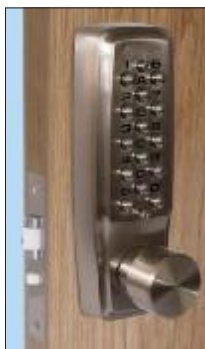
**REL.K2100K -
Standard Model with Mortice
Double Throw Deadlocking Latch**

Use the **Keylex 2100K** on all heavy duty, high security external door installations and on any door where heavy traffic or extreme use and abuse can be expected. This includes all military, police and fire service installations.

The proven heavy duty design, with its built-in clutch mechanism protecting the lock furniture, will withstand all but the most violent attack and can be expected to give many years' service if specified and maintained correctly.

Standard Features & Benefits

- **Heavy duty mechanism -**
Allows many hundreds of operations per day
- **Entirely mechanical operation -**
No electronics or electrical wiring involved
- **Allows code combinations of up to 14 buttons -**
Over 16,000 selectable code permutations (recommended 3 to 6 digit codes)
- **Code scramble -**
Allows all codes to be entered in any order
- **Slipping clutch mechanism -**
Nullifies forced attack or vandalism from the outside
- **Passage function -**
Allows free passage from both sides at code users' discretion
- **Brushed stainless steel buttons -**
Will not indicate usage
- **Free exit -**
Provides escape from the inside, without code entry, regardless of the lock status



**Double Throw
Dead Lock Function**

This lock utilizes a double throw deadlocking latch that locks the door every time the door closes.

An authorized code is required to override the lock from the outside unless the passage function is set to 'free' or unless the optional on-board key override facility is available in which case the key will override any pre-set code. The door is always 'free from fixings' for immediate egress from the inside.



REL.K2100.LATCH
76mm backset -
60mm optional.

**REL.K2100KL.SASH -
Option with Mortice Cylinder Sash Lock
Case & Euro Profile Key Override**

Use the **Keylex 2100KL.SASH** on all high security external door installations and on any door where heavy traffic or extreme use and abuse can be expected. This includes all military, police and fire service installations.

The proven heavy duty design, with its built-in clutch mechanism protecting the lock furniture, will withstand all but the most violent attack and can be expected to give many years' service if specified and maintained correctly.

Standard Features & Benefits

- **High quality mortice cylinder sash lock case -**
Compatible with all Euro profile cylinder options
- **Key override -**
Allows suited key holder access in all instances without prior knowledge of the user code
- **Heavy duty mechanism -**
Allows many hundreds of operations per day
- **Entirely mechanical operation -**
No electronics involved or electrical wiring involved
- **Allows code combinations of up to 14 buttons -**
Over 16,000 selectable code permutations (recommended 3 to 6 digit codes)
- **Code scramble -**
Allows all codes to be entered in any order
- **Slipping clutch mechanism -**
Nullifies forced attack or vandalism from the outside
- **Passage function -**
Allows free passage from both sides at code users' discretion
- **Brushed stainless steel buttons -**
Will not indicate usage
- **Free exit -**
Provides escape from the inside, without code entry, regardless of the lock status



Sash Lock Function

This lock utilizes a standard sash lock function that locks the door on the latch every time the door closes.

An authorized code is required to override the latch from the outside unless the passage function is set to 'free' or unless the key override facility is used in which case the key will override any pre-set code.

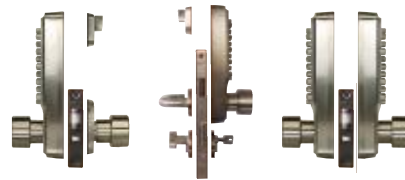


REL.K2100.SASH
60mm backset only.

Similarly the key will override the deadbolt and the latch in sequence if the deadbolt is thrown. The door is always 'free from fixings' for immediate egress from the inside if a cylinder & turn combination is used to control the deadbolt.

Optional Features & Benefits

- **Key override** - On board cylinder allows key holder access in all instances without prior knowledge of the user code (standard model only)
- **Rebate kits** - Two part rebate kits are available for rebates @ 12.5mm and 25mm - with certain sash lock or night latch choices (refer to the sales office)
- **Extended door kits** - Factory fitted modifications including extended fixings, spindles and free passage turns to suit doors up to 75mm thick (standard & sash lock models)
- **Back-to-back** - A factory modification offering bi-directional coded access control (standard model only)
- **Lever Operation to both Sides** - Preferable where potential knuckle burring is a possibility (standard & sash lock models)



REL.K2100K
Standard model with mortice double throw deadlocking latch

REL.K2100KL.SASH
Option with mortice cylinder sash lock case & Euro profile key override

REL.K2100B
Option with mortice double throw deadlocking latch back-to-back

Suitability

The **Keylex 2100** lock body and internal mechanism construction is cast zinc and solid brass with stainless steel code buttons and is suitable for use on external perimeter doors including gates & all internal doors -

Timber
Aluminium
Steel
PVCu (See **REL.K700M** for Multi-Point Version - pages 8 & 9)
Composite

The **Keylex 2100** suits door thicknesses between 30mm and 45mm standard. Please advise all door thicknesses in excess of 45mm.

The **Keylex 2100** suits minimum clear stile widths of 114mm when used with the standard latch bolt (backset length 76mm). This reduces to 98mm when used with the optional latch bolt or sash lock - each with a 60mm backset length.

NB - Stop depths may restrict suitability.

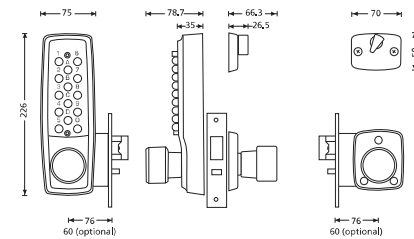
Important Note

The inside lever on the **REL.K2100KL** is necessarily handed and will be set accordingly before despatch.

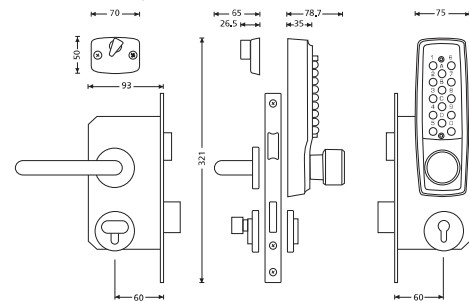
See **General Information - Handing Locks (& Doors)** on page 20).

Critical Dimensions

REL.K2100K Standard Model with Mortice Double Throw Deadlocking Latch



REL.K2100KL.SASH Option with Mortice Cylinder Sash Lock Case & Euro Profile Key Override



How to Specify or Order

Part #	Description
REL.K2100K	Round Knob Furniture to Both Sides
Suffix .76 or .60	.76 = 76mm Backset .60 = 60mm Backset
Suffix .KO	Add to denote on-board Key Override
REL.K2100KL.SASH	Split Design w. Return to Door Lever Inside
Suffix .60	60mm Backset Only
Suffix .KO	Key Override is the Default Option

Finishes

Standard Model and Sash Lock Version Lock Body Only
SC - Silver (Satin Chrome effect) with Stainless Steel Buttons
AB - Antique Brass with Stainless Steel Buttons

Sash Lock Version Inside Lever and Escutcheons Only
US32D - Satin Stainless Steel

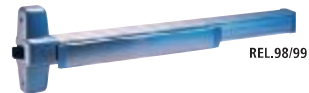
REL.K2100 & REL.K700
Access Control at Escape Doors -
Basic Principles

Where coded access control is a requirement at escape doors, the introduction of a mechanical digital lock offers an affordable solution.

In these situations authorized users, in possession of a common code, have the facility to open the door from the outside without the use of a key. Locks are prepared accordingly to provide a means of override to just about any escape device.

REL.K2100 with Von Duprin
22 & 98/99 Touchbar Range

Use the **Keylex 2100** on all escape door installations where heavy traffic or extreme use and abuse can be expected. The proven design, with its built-in slipping clutch mechanism, will withstand all but the most violent attacks and can be expected to give many years service if specified and maintained correctly.



REL.98/99

Compatibility & Certification

The standard conversion allows use with both the **REL.22** Series and the **REL.98/99** Series of escape devices. It is recommended that operation is restricted to the rim exit device application when using the **REL.K2100K** knob version. The lever version **REL.K2100L** should be used with the surface mounted vertical rod and three point latching device options.

See page 20 for information on EC Certificate of Conformity relating to the use of Keylex Mechanical Digital Locks with Von Duprin Escape Hardware.

REL.K700 with Von Duprin
22 & 98/99 Touchbar Range

Use the **Keylex 700** on all standard duty, high security escape door installations. The 'narrow stile' design, with its built-in slipping clutch mechanism, will suit all stile widths down to 43mm* and is particularly suited for use with aluminium or hollow metal sections.

*However, it should be borne in mind that the centre case size of the escape hardware used will also influence the minimum stile width.



REL.22

Compatibility & Certification

The standard conversion allows use with both the **REL.22** Series and the **REL.98/99** Series of escape devices. The standard lever operation lends itself to use with rim exit devices (single latch operation), surface mounted vertical rod and multi point latching escape device options.

See page 20 for information on EC Certificate of Conformity relating to the use of Keylex Mechanical Digital Locks with Von Duprin Escape Hardware.

Keylex with Briton 560 Push Bar
& 570 Touch Bar Range

Conveniently, the **REL.K700** drives both the **560** Push Bar series & **570** Touch Bar series of devices without any modification to the orientation or size of the spindle.



560 Series

These devices are modular panic exit solutions offering a combination of security and safety. The basic device is a single point locking push bar or touch bar. Additional modular locking kits mean these units offer increased flexibility and adaptability to suit individual requirements.



570 Series

Combination with the **Keylex 700** mechanical locking trim provides a secure trim with a strong lever operation, capable of retracting multi point 'Pullman' type latches.

How to specify or order

REL.22/K2100K* - Rim Exit Device with Knob Trim
REL.22/K2100L* - Rim Exit Device with Lever Trim
REL.2227/K2100L* - Surface Mounted Vertical Rod Device with Lever Trim

REL.98/99/K2100K* - Rim Exit Device with Knob Trim
REL.98/99/K2100L* - Rim Exit Device with Lever Trim
REL.98/9927/K2100L* - Surface Mounted Vertical Rod Device with Lever Trim
REL.98/9957/K2100L* - Three Point Latching Device with Lever Trim

REL.22/K700* - Rim Exit Device
REL.2227/K700* - Surface Mounted Vertical Rod Device

REL.98/99/K700* - Rim Exit Device
REL.98/9927/K700* - Surface Mounted Vertical Rod Device
REL.98/9957/K700* - Three Point Latching Device

REL.561/K700 - One Point Locking
REL.562-V/K700 - Two/Three Point Locking
REL.562-S/K700 - Three Point Locking (Side Pullmans)

REL.571/K700 - One Point Locking
REL.572-V/K700 - Two/Three Point Locking
REL.572-S/K700 - Three Point Locking (Side Pullmans)

Finishes (escape hardware only)

SE - Silver (**560** and **570** series only)
SP28(689) - Sprayed Silver (**REL.22** series only)
SP313(695) - Sprayed Dark Bronze (**REL.22** series only)
US28 - Satin Anodized Aluminium (**REL.98/99** series only)

* All modifications must be carried out by Relcross