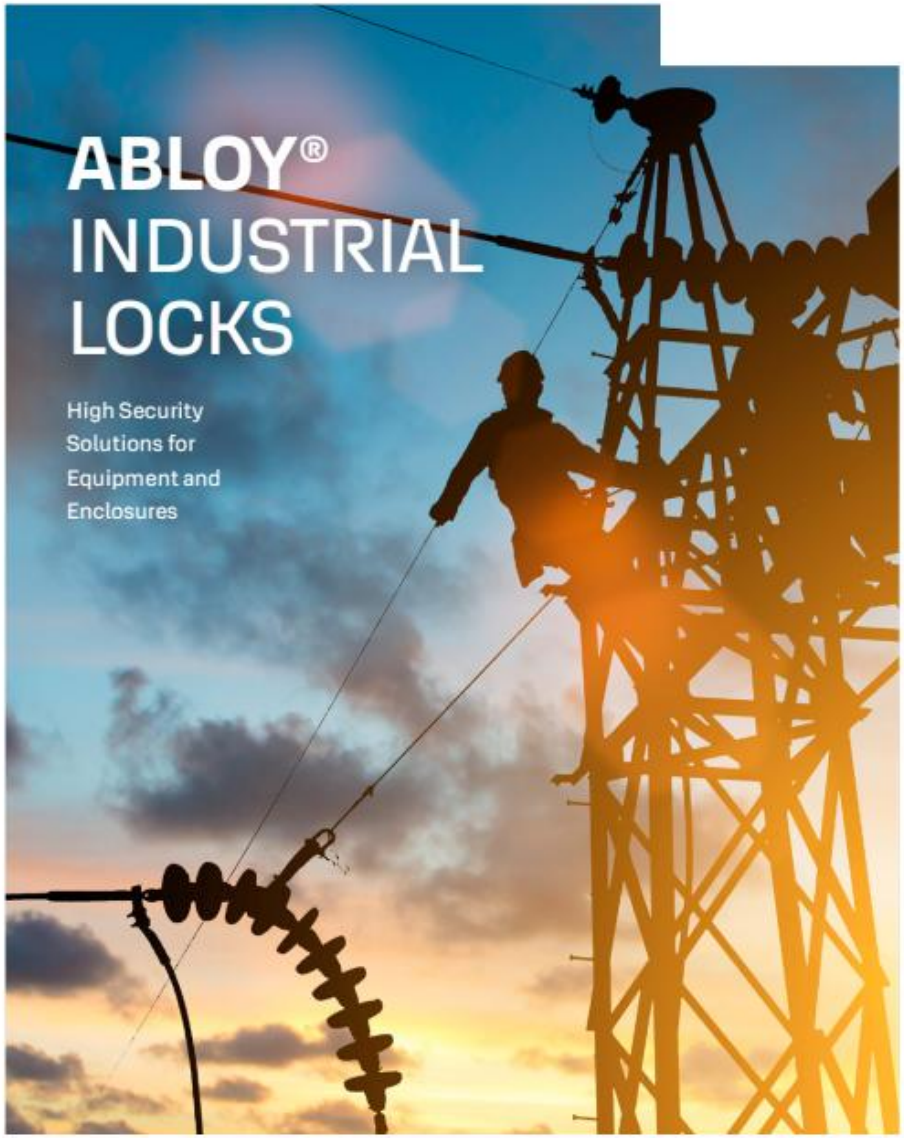


INDUSTRIAL LOCKS :

High Security Solutions for Equipment and Enclosures


ABLOY®
INDUSTRIAL
LOCKS
High Security
Solutions for
Equipment and
Enclosures

ABLOY

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Locking solutions for the most demanding applications

Whether you need to secure your assets and revenue or critical data and infrastructure, you can always rely on ABLOY locking solutions.

Our wide range of mechanical cam locks, cabinet locks and safe deposit locks together with custom made solutions and the latest electronic features offer a high security solution into any application. Industrial locks can be keyed into the same master key system with padlocks, door cylinders and other ABLOY locks, and thus all products can be operated with just a single key. This simplifies your locking system and key management.

The rotating disc cylinder technology, patented key systems, strict key control and superior master keying capabilities provide high security and functionality. With no springs or pins to wear, jam or freeze, the cylinder mechanism provides a smooth and reliable functionality and maximum resistance to even hostile and severe environments.







Customization through unique cylinder mechanism

Does your application require a special lock? We have been developing tailor made products closely with our customers for decades.

The unique ABLOY cylinder has been a symbol of high security and superior performance ever since its invention in 1907. The technology is based on the unique operating principle of rotating detainer discs which makes the mechanical cylinders bump proof.

While the core of the cylinder mechanism remains the same, the outer housing can be designed to meet the requirements of a multitude of applications, local standards and specific customer needs. Working closely with our customers allows us to develop customized products on many different levels. It may be a new configuration of the existing components or a completely new structure, for an existing system. The goal is always a cost-effective total solution, which gives a significant competitive advantage.

Over the years Original Equipment Manufacturers and Professional End Users around the world have enjoyed the benefits of this flexibility of design and manufacturing.



WATCH A VIDEO OF THE ABLOY CYLINDER MECHANISM

FEATURES OF THE CYLINDER

- ROTATING DISC TECHNOLOGY
- SUPERIOR MASTER KEYING FEATURES
- PATENTED KEY SYSTEM
- RESISTANT TO MANIPULATION
- TAILOR MADE



CUSTOMIZED EURO-PROFILE CAM LOCK CL619 FOR UTILITY CABINET SWING HANDLES



CUSTOMIZED SOLUTION FOR ATM WITH A SPECIAL PIN



SPECIAL LOCKING SOLUTIONS FOR VEHICLES



USER FRIENDLY LOCKING FOR BOAT COMPARTMENTS

Various cylinder systems for different security needs



ABLOY® CLASSIC

A general level of keying. Recommended for individual locking, such as a drawer or mailbox. Secure, reliable cylinder when key control is not a priority.



ABLOY® SENTRY

High security solution for industrial applications such as machines and devices. Duplication of keys is strictly controlled. Patented until 2027.



ABLOY® NOVEL

High security solution for public and private sector, whether it is a school, hospital, office or apartment. Duplication of keys is strictly controlled. Patented until 2027.



ABLOY® PROTEC^2 PROTEC^2 CLIQ™

The locking solution that offers Abloy's highest security for professional end users. The mechanical features can be combined to the intelligent electronic identification, CLIQ technology. Patented until 2031.

SECURITY LEVEL

MEDIUM | HIGH | SUPERIOR













ABLOY®
CAM LOCKS

ABLOY cam locks offer a solid locking solution for equipment and enclosures that require highest levels of security and functionality.

Cam locks are used in variety of applications from industrial enclosures in harsh outdoor weather conditions to high security indoor applications such as revenue collecting equipment for example ticketing and gaming machines. ABLOY cam locks are always made with full metal (brass or steel) housing, making them very robust and durable option.

FULL METAL HOUSING

BUMP KEY PROOF

DRILL PROTECTION

ONE KEY FITS ALL



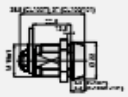
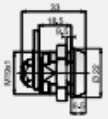
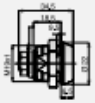
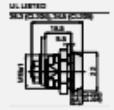
BANKING, GAMING AND TICKETING



UTILITY APPLICATIONS



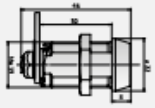
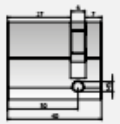
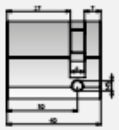
MUSEUMS, RETAIL AND LEISURE

		MODEL	KEY REMOVABLE	CAM TURNS	MATERIAL OF CYLINDER HOUSING	LEFT HAND OPERATION POSSIBLE	CYLINDER TYPE	ABLOY® CLASSIC	PAT ABLOY® SENTRY	PAT ABLOY® PROTEC²	DIMENSIONS
UNIVERSAL RANGE		CL100	LOCKED	90°/180°	BRASS	X		X	X	X	
		CL101	IN LOCKED AND UNLOCKED	360°	BRASS			X	X	X	
		CL103	LOCKED	90°/180°	BRASS	X		X	X	X	
		CL106	IN LOCKED AND UNLOCKED	360°	BRASS			X	X	X	
		CL104	LOCKED	90°/180°	BRASS	X		X	X		
		CL105	LOCKED	90°/180°	STEEL	X		X	X		
		CL107	IN LOCKED AND UNLOCKED	360°	BRASS			X	X		
		CL109	LOCKED	90°/180°	BRASS	X		X	X		
		CL110	LOCKED	90°/180°	STEEL	X			X		
U.S. RANGE		CL200	LOCKED	90°/180°	BRASS	X		X	X		
		CL201	LOCKED	90°/180°	STEEL	X		X	X		
		CL202	LOCKED	90°/180°	BRASS	X		X	X		
		CL203	LOCKED	90°/180°	BRASS	X		X	X		
		CL204	LOCKED	90°/180°	STEEL	X			X		
		CL205	LOCKED	90°/180°	STEEL	X		X			

Integration with electro-mechanical CLIQ technology.

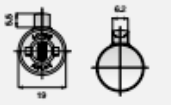
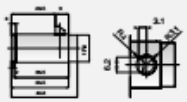
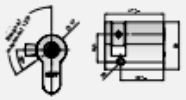
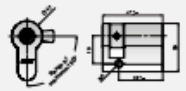
ABLOY PROTEC2 can be combined with electronic CLIQ technology, which enables flexible and secure access management, including time functions. It lifts locking security to a next level.

- ELECTRO-MECHANICAL PRODUCTS
- COMBINES MECHANICAL SECURITY WITH ACCESS MANAGEMENT
- TIME AND CALENDAR BASED ACCESS RIGHT
- TRACEBILITY

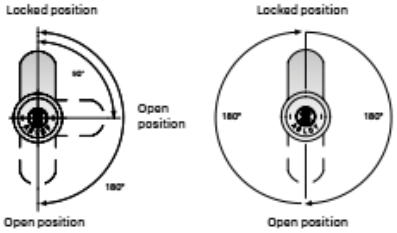
MODEL	CAM TURNS: KEY REMOVABLE	90°/180° IN LOCKED POSITION ONLY	360° IN LOCKED AND UNLOCKED POSITION	MATERIAL OF CYLINDER HOUSING	LEFT HAND OPERATION POSSIBLE	CYLINDER TYPE	PAT PROTEC² CLIQ™	DIMENSIONS
 CLL130		X		STEEL	X		X	
 CLL715		X		STEEL	X		X	
 CLL718		X		STEEL	X		X	

ABLOY T-handle locks are ideal for vending machines and other locking handle applications.

Steel bolt provides maximum resistance against attack by pulling.

MODEL	MATERIAL OF CYLINDER HOUSING	CYLINDER FACE	LATCH	CYLINDER TYPE	ABLOY® CLASSIC	PAT ABLOY® SENTRY	PAT ABLOY® PROTEC²	DIMENSIONS
 CL290	CHROME PLATED STEEL	CASE-HARDENED CHROME PLATED STEEL	NICKEL PLATED STEEL LOCKING WITHOUT KEY		X	X		
CL291	CHROME PLATED STEEL	CASE-HARDENED CHROME PLATED STEEL	NICKEL PLATED STEEL LOCKING WITH KEY		X	X		
 CL687	CHROME PLATED STEEL	CASE-HARDENED CHROME PLATED STEEL	NICKEL PLATED STEEL				X	
CL619	CHROME PLATED BRASS	CHROME PLATED BRASS	NICKEL PLATED STEEL		X	X	X	

CAM TURNS



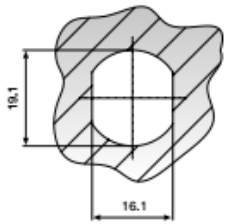
LOCK TYPES

CL100 CL200
CL103 CL201
CL104 CL202
CL105 CL203
CL108 CL204
CL109 CL205
CL110

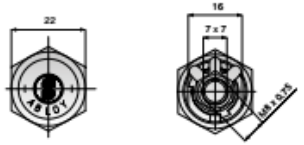
LOCK TYPES

CL101
CL106
CL107

DIMENSIONS OF FITTING HOLE

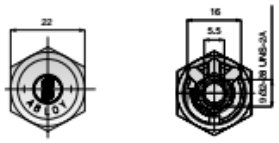


UNIVERSAL SPECIFICATIONS



Cylinder face Cylinder end

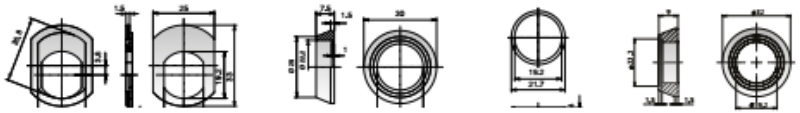
U.S. SPECIFICATIONS



Cylinder face Cylinder end

SPECIAL ACCESSORIES

Special accessories are made of chrome plated steel.



Fitting plate 441345 Protective collar 804757 Lifting sleeve 804252 Lifting sleeve 812760

CAMS

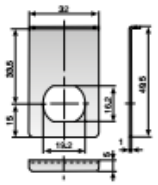
For cam locks in the universal range, three different cam models available: straight, hooked and offset. Cams are made of nickel plated steel. Cams for the U.S. range of cam locks are available in the U.S. sales office.

Sraight cam	Part No.	A	B
	455608	26	18
	434815	30.5	22.5
	434869	33	25
	455322	35	27
	434809	38	30
	434784	40	32
	455556	45	37
	455548	48	40
	455494	53	45
	455787	58	50
	455606	68	80

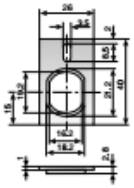
Hooked cam	Part No.	A	B	C
	455514	31	23	18.5
	434805	32	24	17.5
	455332	35	27	20.5
	455492	42.5	34.5	28
	434818	47.5	39.5	33
	455780	58	50	43.5
	455549	60.5	52.5	46

Offset cam	Part. No.	A	B	C
	455678	32	24	13.3
	434859	33	25	26.5
	455333	35	27	5
	434928	35	27	6.5
	455499	35	27	9.5
	455525	35	27	10.5
	434818	38	28	12
	434799	38	28	22
	455557	37	29	18.5
	434788	38	30	15
	434667	38	30	7
	435097	40	32	5
	434702	40	32	19
	434635	45	37	5
	434700	45	37	8
	434852	45	37	13.3
	434757	48	40	19
	434788	50	42	12.5
	455481	61	53	18

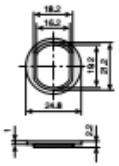
FITTING PLATES



413807
- For use with plastic ring 4841003 in glass doors.
- Available also with brass finish, product number 413808
- Material: Chrome plated steel



455328
- Used inside of a wooden door to prevent the lock from rotating
- Fixed by screws through the upper holes of the plate
- Material: Zinc-plated steel



434813
- Used mostly as replacement for cam locks of universal specifications
- Normally used on both sides of the mounting hole
- Material: Zinc-plated steel

ABLOY®
CABINET LOCKS

The comprehensive ABLOY cabinet lock product range with versatile adjusting options offers endless possibilities for secure, functional, aesthetic locking solution.

Cabinet locks are used in variety of applications from high security indoor applications such as retail and museum fixtures to industrial enclosures in harsh outdoor weather conditions. ABLOY cabinet locks have a uniform, exquisite design which meet the quality and design requirements of our customers.

ELECTRO-MECHANICAL PRODUCTS

FULL METAL HOUSING

BUMP KEY PROOF

ONE KEY FITS ALL



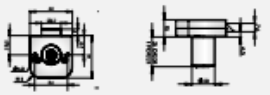
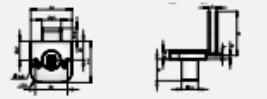
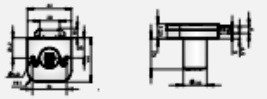
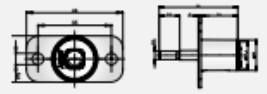
MUSEUM AND RETAIL



OFFICES



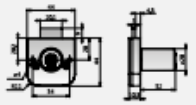
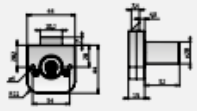
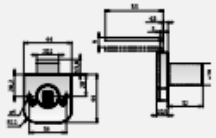
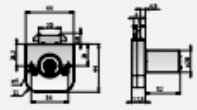
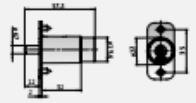
HEALTHCARE

	MODEL	BOLT MATERIALLY	TYPE OF BOLT	MAX. INST. THICKNESS	FINISHING	TYPE OF THE DOOR	CYLINDER	ABLOY CLASSIC	ABLOY SENTRY PAT	ABLOY PROTEC² PAT	DIMENSIONS
	OF230	NICKEL PLATED STEEL	FLAT	25 mm	CHROME PLATED ZINC	SWING DOOR, DRAWER		x	x	x	
	OF220			19 mm				x	x		
	OF231	BRASS	SPRING LATCH	25 mm	CHROME PLATED ZINC	SWING DOOR, DRAWER		x	x	x	
	OF221			19 mm				x	x		
	OF232	NICKEL PLATED STEEL	FLAT	8 mm	CHROME PLATED ZINC	SWING DOOR		x	x		
	OF222			8 mm				x	x		
	OF234	NICKEL PLATED STEEL	FLAT	25 mm	CHROME PLATED ZINC	DRAWER		x	x		
	OF235	NICKEL PLATED STEEL	DOUBLE HOOK	25 mm	CHROME PLATED ZINC	SLIDING DOOR, SWING DOOR		x	x		
	OF430	STAINLESS STEEL		32 mm	CHROME PLATED ZINC	SLIDING DOOR		x	x	x	
	OF420			28 mm				x	x		
	OF431	STAINLESS STEEL		2-9 mm	CHROME PLATED ZINC	SLIDING DOOR		x	x	x	
	OF421			2-9 mm				x	x		
	OF423	STAINLESS STEEL		28 mm	SATIN CHROME PLATED ZINC/ SATIN CHROME PLATED BRASS	SLIDING DOOR		x	x		
	OF424	STAINLESS STEEL		25 mm	CHROME PLATED ZINC	SLIDING DOOR		x	x		
	OF433	STAINLESS STEEL		32 mm	CHROME PLATED ZINC	SLIDING DOOR		x	x	x	

Integration with electro-mechanical CLIQ technology.

ABLOY PROTEC2 can be combined with electronic CLIQ technology, which enables flexible and secure access management, including time functions. It lifts locking security to a next level.

- ELECTRO-MECHANICAL PRODUCTS
- COMBINES MECHANICAL SECURITY WITH ACCESS MANAGEMENT
- TIME AND CALENDAR BASED ACCESS RIGHT
- TRACEBILITY

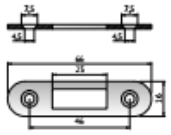
MODEL	BOLT MATERIAL	TYPE OF BOLT	MAX. INST. THICKNESS	FINISHING	TYPE OF THE DOOR	CYLINDER	PAT PROTEC² CLIQ™	DIMENSIONS
 OFL240	NICKEL PLATED STEEL	FLAT	25 mm	CHROME PLATED ZINC	SWING DOOR, DRAWER		X	
 OFL241	BRASS	SPRING LATCH	25 mm	CHROME PLATED ZINC	SWING DOOR, DRAWER		X	
 OFL244	NICKEL PLATED STEEL	FLAT	25 mm	CHROME PLATED ZINC	DRAWER		X	
 OFL245	NICKEL PLATED STEEL	DOUBLE HOOK	25 mm	CHROME PLATED ZINC	SWING DOOR		X	
 OFL430	STAINLESS STEEL		25 mm	CHROME PLATED ZINC	SWING DOOR		X	

STRIKER PLATES

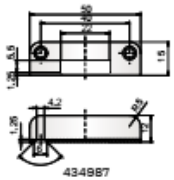
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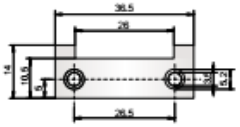
Material: Nickel plated steel



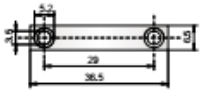
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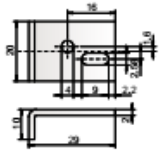
434987



434981



434980



455385

ESCUTCHEON RING



401746 Chrome plated brass
Used with 22 mm diameter products, length 8 mm



413529 Chrome plated brass
Used with 20 mm diameter products, length 8 mm



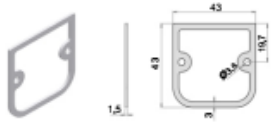
413571 Chrome plated brass
Used with 20 mm diameter products, length 18 mm

KEEP 401930

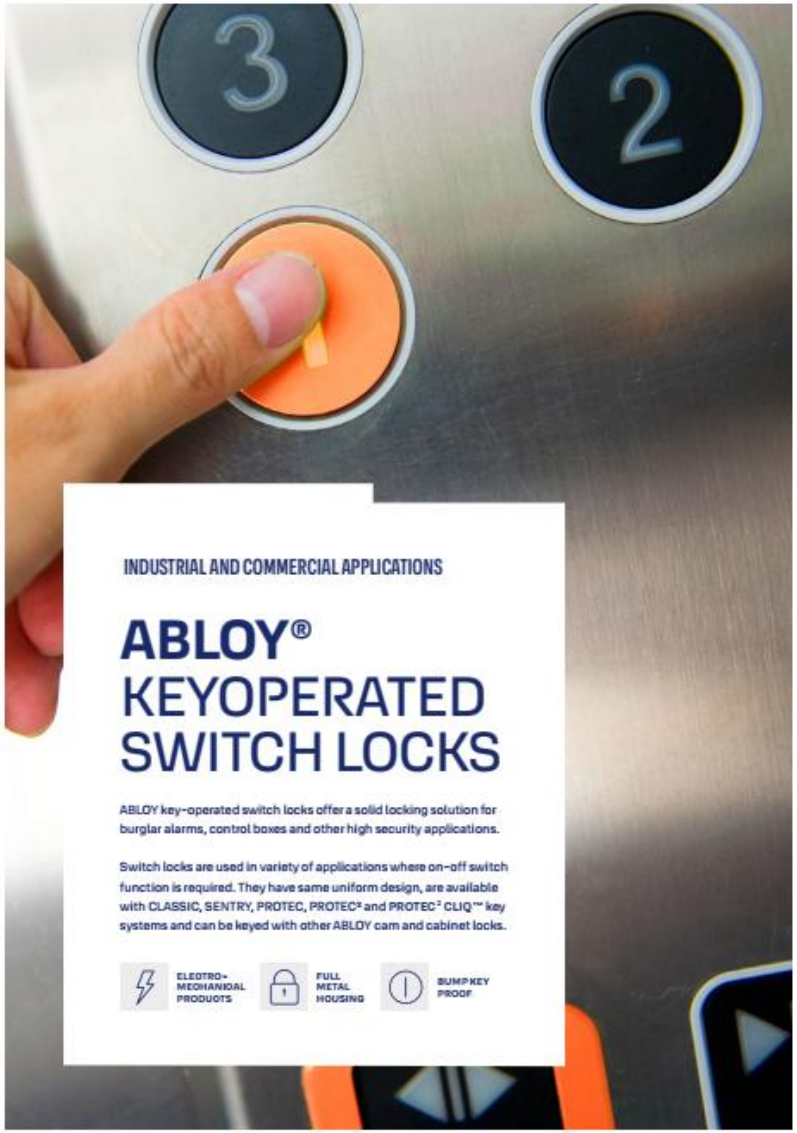


Material: Nickel plated brass

LIFTING PLATE 814639



Plastic, 10 pcs./packing



INDUSTRIAL AND COMMERCIAL APPLICATIONS

ABLOY® KEYOPERATED SWITCH LOCKS

ABLOY key-operated switch locks offer a solid locking solution for burglar alarms, control boxes and other high security applications.

Switch locks are used in variety of applications where on-off switch function is required. They have same uniform design, are available with CLASSIC, SENTRY, PROTEC, PROTEC² and PROTEC² CLIQ™ key systems and can be keyed with other ABLOY cam and cabinet locks.

ELECTRO-MECHANICAL PRODUCTS

FULL METAL HOUSING

BUMP KEY PROOF



The key can be removed in both positions of the switch (on / off). The locks can be mounted on objects with a thickness of 0.5 to 22 mm.

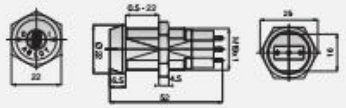


The key can only be removed in the off position of the switch. The locks can be mounted on objects with a thickness of 0.5 to 22 mm.

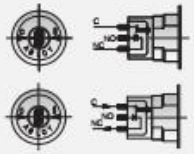


The key can only be removed in the off position of the switch. The instantaneous coupling is achieved by means of a return spring and the key cannot be left in the on position. The locks can be mounted on objects with a thickness of 0.5 to 22 mm.

MODEL	EP400	EP401	EP402
MATERIAL OF CYLINDER HOUSING	CHROME PLATED BRASS	CHROME PLATED BRASS	CHROME PLATED BRASS
CYLINDER FACE	CASE-HARDENED CHROME PLATED STEEL	CASE-HARDENED CHROME PLATED STEEL	CASE-HARDENED CHROME PLATED STEEL
LATCH	NICKEL PLATED STEEL	NICKEL PLATED STEEL	NICKEL PLATED STEEL
CYLINDER TYPE			
ABLOY® CLASSIC	X	X	X
ABLOY® SENTRY PAT	X	X	X
ABLOY® PROTEC² PAT	X	X	X
DIMENSIONS			



Circuit diagram



C = COMMON
NO = NORMALLY OPEN
NC = NORMALLY CLOSED



RETAIL AND BANKING

ABLOY® TIME DELAY LOCKS

ABLOY time delay locks offer time protection in businesses that deal with money and valuables.

Time delay locks are used in variety of applications such as cash boxes, safes, connection boxes and gaming machines. EP310 is designed for applications that requires high security locking with time protection. EP312 offers mechanical key security combined with electrical control to prevent unauthorised use of the key. Locks are available with CLASSIC, SENTRY and PROTEC² CLIQ™ key systems and can be keyed with other ABLOY cam and cabinet locks.

ELECTRO-MECHANICAL PRODUCTS

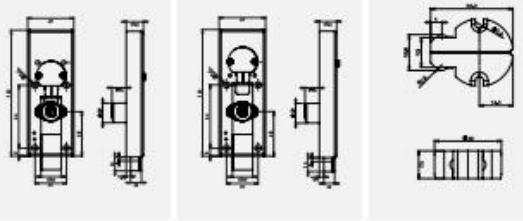
FULL METAL HOUSING

BUMP KEY PROOF

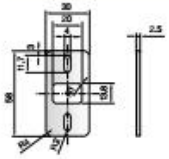




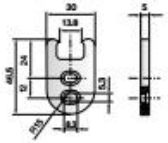
MODEL	EP310	EP312	EP303
CURRENT CONSUMPTION	-	240 mA	240 mA
MIN. PULSE DURATION	-	0,4 s	0,4 s
OPER.VOLTAGE	9 V	6-12 V	-
CABEL LENGHT	19 cm	100 cm	-
CYLINDER TYPE			
ABLOY® CLASSIC		X	
ABLOY® SENTRY PAT	X	X	
ABLOY® PROTEC² PAT		X	
DIMENSIONS			



STRIKER PLATES FOR EP303

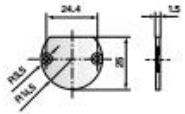


800039

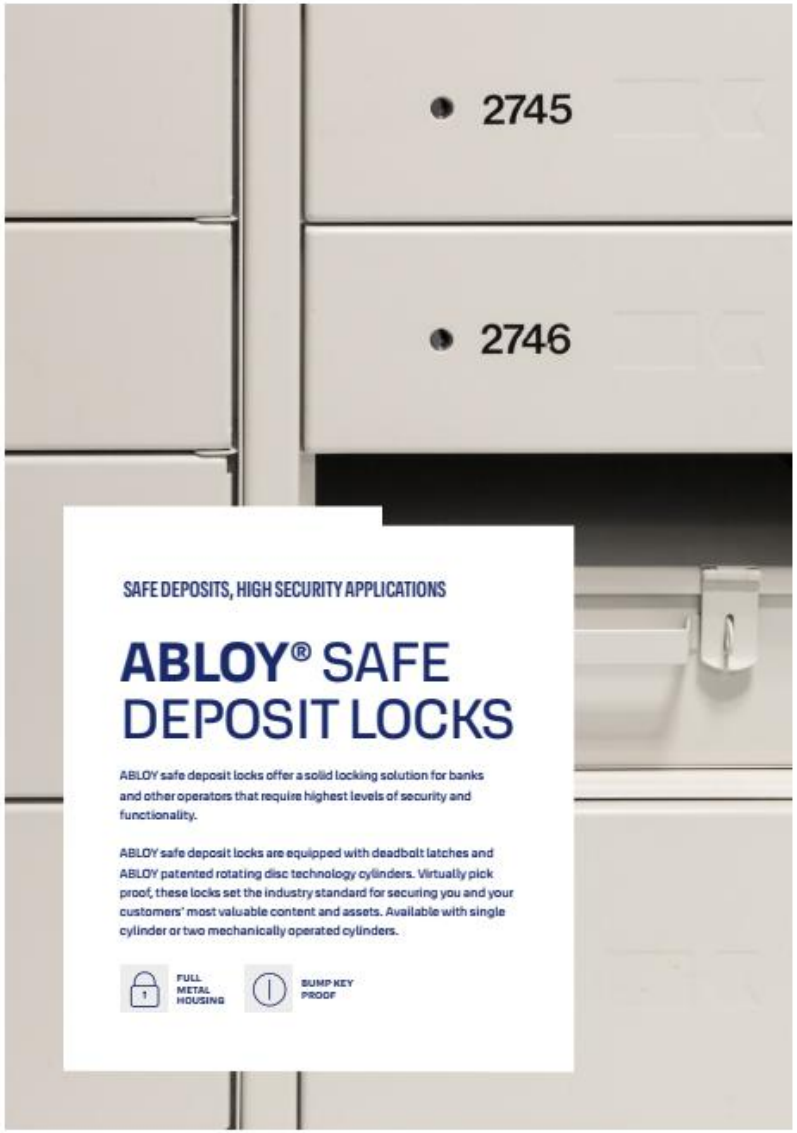


800082

FITTING PLATE FOR EP303



800522



SAFE DEPOSITS, HIGH SECURITY APPLICATIONS

ABLOY® SAFE DEPOSIT LOCKS

ABLOY safe deposit locks offer a solid locking solution for banks and other operators that require highest levels of security and functionality.

ABLOY safe deposit locks are equipped with deadbolt latches and ABLOY patented rotating disc technology cylinders. Virtually pick proof, these locks set the industry standard for securing you and your customers' most valuable content and assets. Available with single cylinder or two mechanically operated cylinders.

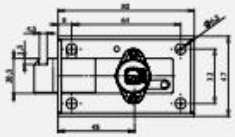
FULL METAL HOUSING

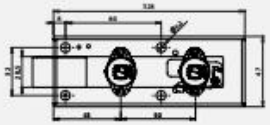
BUMP KEY PROOF

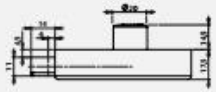




MODEL	SC210	SC211
CYLINDER TYPE		
ABLOY® CLASSIC	X	X
ABLOY® BENTRY PAT	X	X
DIMENSIONS		











LOCKERS

ABLOY® COIN OPERATED LOCKS

ABLOY coin operated locks offer a secure, functional and durable locking solution for safekeeping.

Coin operated locks are used in variety of applications such as lockers, storage boxes and cabinets. Locks have several different coin identifiers and are available with coin trays and coin boxes. Equipped with deadbolt latches and reliable ABLOY patented rotating disc technology cylinders, they meet the industry standards for securing valuables.

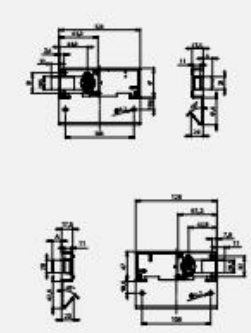
FULL METAL HOUSING

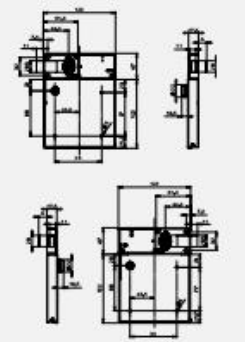
BUMP KEY PROOF

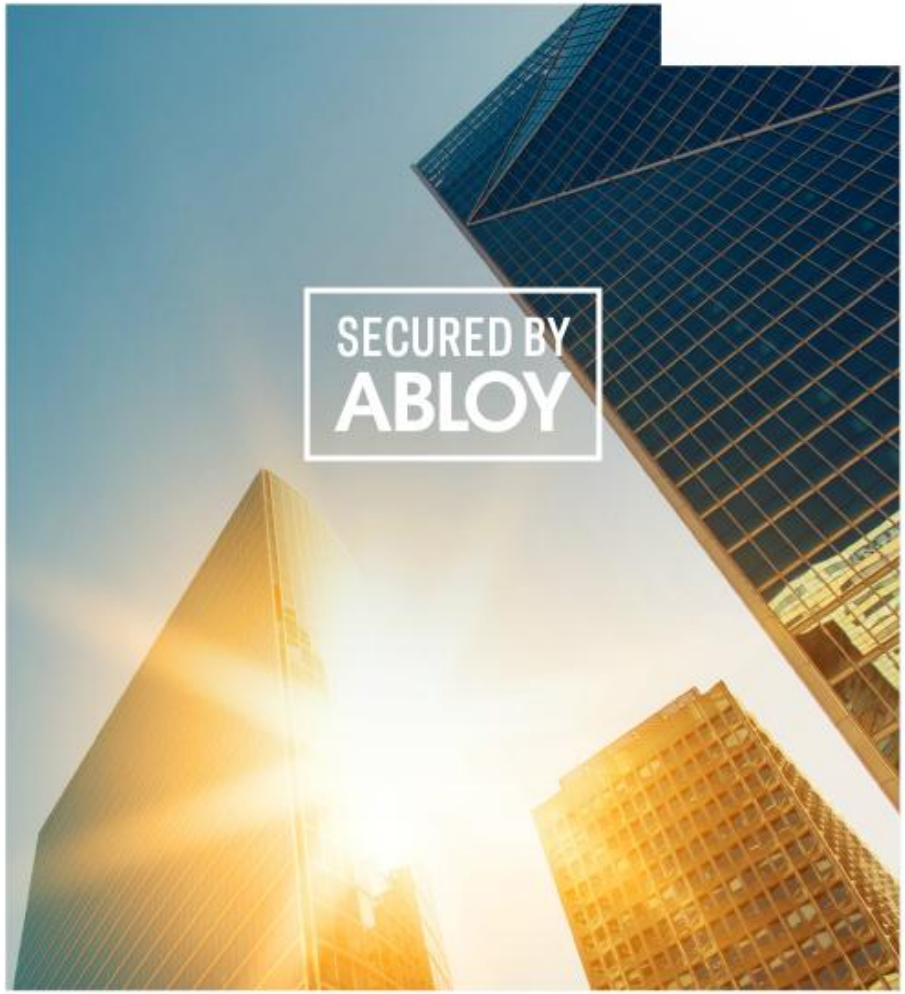




MODEL	SC410	SC411	SC412	SC413	SC410	SC411	SC412	SC413	SC414
MAX. DOOR THICKNESS (A)	14,5 mm	18 mm	14,5 mm	18 mm	14,5 mm	18 mm	14,5 mm	18 mm	
HANDING	RIGHT	RIGHT	LEFT	LEFT	RIGHT	RIGHT	LEFT	LEFT	
COIN RETURN									
RETURNED (800595)	X	X	X	X					
RETAINED (SC414)					X	X	X	X	
CYLINDER TYPE									
ABLOY® CLASSIC	X	X	X	X	X	X	X	X	X
ABLOY® ENTRY PAT	X	X	X	X	X	X	X	X	
DIMENSIONS									







880890B | 09/2022

ABLOY offers security and locking innovations dedicated to creating more trust in the world. Combining digital and mechanical expertise, Abloy Oy develops industry-leading security solutions that protect people, property and business. Abloy is part of the ASSA ABLOY Group, the global leader in access solutions. Every day, we help billions of people experience a more open world.

Abloy Oy
Wahlforssinkatu 20
P.O.Box 108
FI-80101 Joensuu
Finland
Tel. + 358 20 599 2501
Abloy.com

Abloy maintains Product Security Center at www.abloy.com/securitycenter. We recommend that You check the Center on a regular basis in order to be fully informed of product security updates, so that your knowledge of our products remains optimal.

It is the customer's responsibility to define the required level of security, whilst taking into consideration relevant factors for its operations. To achieve the overall level of security required in the customer's operations multiple layers of security must be in place. These include for example locking system, key management system, access management, CCTTV and alarm system as well as physical security in a manner and level specified by the customer.

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ABLOY



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Integrated Systems Solutions

sales@compasstechnology-mu.com
eng@compasstechnology-mu.com