COMPLIANT SPECIFICATIONS HANDBOOK



Compliant solutions for access control operated doors

An ASSA ABLOY Group brand

ASSA ABLOY

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How to use this book

This Specifications Handbook from Abloy UK has been designed to provide you with a complete selection of compliant door security packages that include electromechanical locks, cylinders, handles, cable protection and door closers – everything you need to "dress" the door.

To download the Abloy App go to www.abloy.co.uk/app

Compliant solutions

What is a compliant solution?

A compliant solution is one that meets the needs as laid out in the various building regulations. The most important elements here are related to fire compartmentalization within a building and the ability to escape through mechanical means in case of emergency, and not just a fire emergency; could also be pollution, terror threat, etc.

Those standards directly linked to life safety are: EN179 Emergency Escape for when the building occupants are aware of the building environment, and EN1125 Panic Escape for environments used by the general public.

These standards state that even if a door is electronically controlled for access there must be a compliant mechanical means of escape in case of emergency.

The most cost effective solution is not necessarily a compliant solution.

Unlike magnets, Abloy electric locks provide a compliant solution, satisfying the needs of both fire doors and emergency/panic situations where a mechanical means of escape is the essence. Exit doors should not be reliant on a fire alarm or some other 'power' trigger allowing egress.

Electric locks vs Electro-magnets	ELECTRIC LOCK 	MAGNET 
Compliant with all relevant EU and UK standards	✓	✗
Integrates with access control	✓	✓
Requires power only when being operated	✓	✗
High security solution	✓	✗
Provides for mechanical security and escape	✓	✗

Select your package

1. Determine whether the door must offer emergency exit (EN179) or panic escape (EN1125) function.
2. Standard or narrow stile type.
3. Select the package that offers the locking function you require.

EN179 - Emergency Exit

Standard Door

Package	Lock	Page
1E	EL560	5
1ME	EL566 MP	6
5E	EL520	17
5ME	MP520	18
8E	EL502 F/UN	28
9E	EL580	29
11E	EL590	33

Narrow stile door

Package	Lock	Page
3E	EL460	11
3ME	EL466 MP	12
6E	EL420	23
6ME	MP420	24
7E	EL402 F/UN	27
10E	EL480	31
12E	EL490	35

Non-Escape Packages

2	EL561 RBS	9
2M	EL567 MP-RBS	10
4	EL461 RBS	15
4M	EL467 MP-RBS	16

EN1125 - Panic Escape

Standard Door

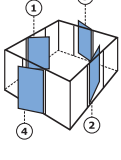
Package	Lock	Page
1P	EL560	7
1MP	EL566 MP	8
5P	EL520	19
5MP	MP520	22
9P	EL580	30
11P	PE590	34

Narrow stile door

Package	Lock	Page
3P	EL460	13
3MP	EL466 MP	14
6P	EL420	25
6MP	MP420	26
10P	EL480	32
12P	EL490	36

KEY

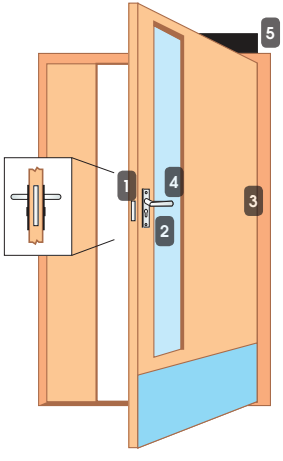
MP	Multipoint
F/UN	Fail Unlocked
RBS	Read in, read out



The correct handing of a door can be selected using this diagram. Standing inside the box looking out, choose your door hand from 1 to 4, determined by the hinge side and if the door opens inwards or outwards.

Package 1E





Standard door
Read in, free egress - complies with EN179

1. EL560 solenoid lock
2. CY326 single cylinder - DIN Europrofile
3. EA280 concealed door loop
4. 60-0319-SSS handle set
5. DC240 door closer (optional)

Wood or metal door applications with handle operation, inside handle always operates and the outside handle is controlled and activated on signal from access control system. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	Standard 65 mm, 55 mm, 60 mm, 80 mm, 100 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

Standards:

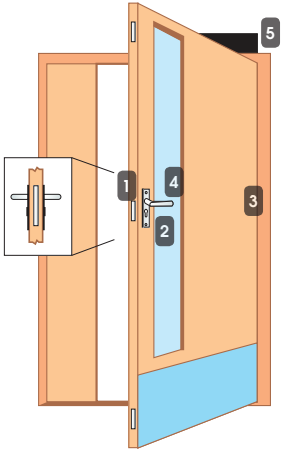
EN179 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



EN 179

Package 1ME
Multipoint





EN 179

Standard door
Multipoint - Read in, free egress - complies with EN179

1. EL566 multipoint solenoid lock
2. CY326 single cylinder - DIN Europrofile
3. EA280 concealed door loop
4. 60-0319-SSS handle set
5. DC240 door closer (optional)

Wood or metal door applications with handle operation, inside handle always operates and the outside handle is controlled and activated on signal from access control system. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	Standard 65 mm, 55 mm, 60 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

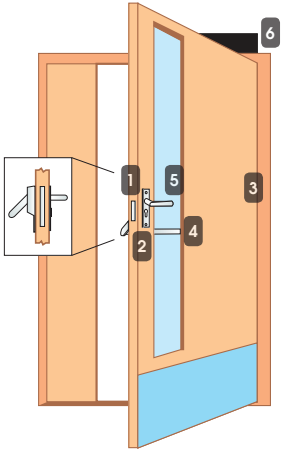
Standards:

EN179 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



Package 1P
Escape (EN1125)





Standard door
Read in, free egress - complies with EN1125

1. EL560 solenoid lock
2. CY326 single cylinder - DIN Europrofile
3. EA280 concealed door loop
4. 990000-SE panic bar
5. JPM-912500-SE outside handle / trim
6. DC240 door closer (optional)

Wood or metal door applications with handle operation, inside panic bar always operates and the outside handle is controlled and activated on signal from access control system. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	Standard 65 mm, 55 mm, 60 mm, 80 mm, 100 mm.
Monitoring:	RQE on panic bar, bolt position, door position, cylinder operation.

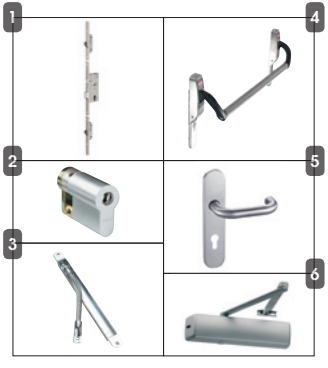
Standards:

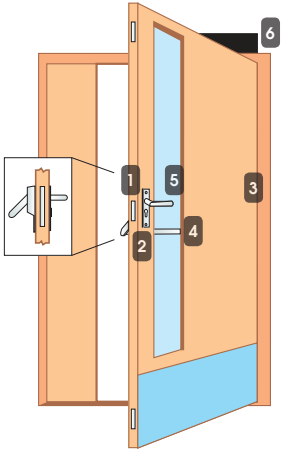
EN1125 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



EN 1125

Package 1MP
Escape (EN1125)





Standard door
Multipoint - Read in, free egress - complies with EN1125

1. EL566 solenoid lock
2. CY326 single cylinder - DIN Europrofile
3. EA280 concealed door loop
4. 990000-SE panic bar
5. JPM-912500-SE outside handle / trim
6. DC240 door closer (optional)

Wood or metal door applications with handle operation, inside panic bar always operates and the outside handle is controlled and activated on signal from access control system. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	Standard 65 mm, 55 mm, 60 mm.
Monitoring:	RQE on panic bar, bolt position, door position, cylinder operation.

Standards:

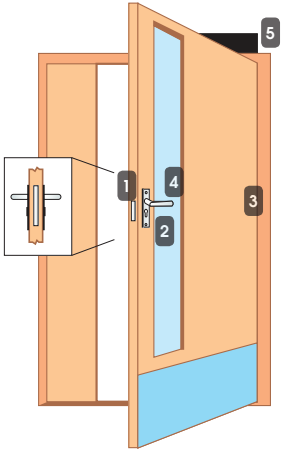
EN1125 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



EN 1125

Package 2





Standard door
Read in, read out

1. EL561 solenoid lock
2. CY327 double cylinder - DIN Europrofile
3. EA280 concealed door loop
4. 60-0319-SSS handle set
5. DC240 door closer (optional)

Wood or metal door applications with handle operation, both handles controlled and activated on signal from access control system. Key override at all times from both sides.

Technical Specification:

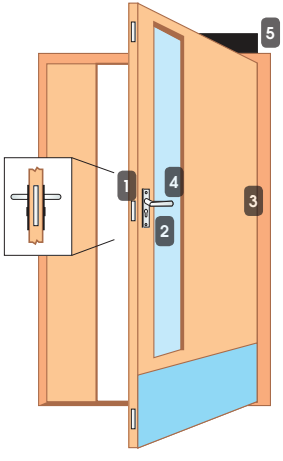
Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	Standard 65 mm, 55 mm, 60 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

Standards:

EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846

Package 2M
Multipoint





Standard door
Multipoint - Read in, read out

1. EL567 solenoid lock
2. CY327 double cylinder - DIN Europrofile
3. EA280 concealed door loop
4. 60-0319-SSS handle set
5. DC240 door closer (optional)

Wood or metal door applications with handle operation, both handles controlled and activated on signal from access control system. Key override at all times from both sides.

Technical Specification:

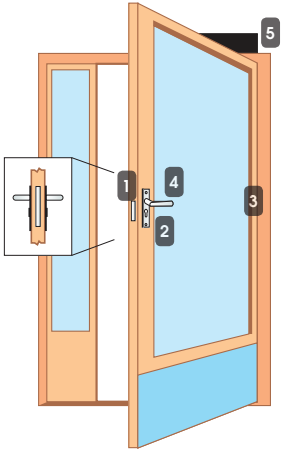
Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	Standard 65 mm, 55 mm, 60 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

Standards:

EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846

Package 3E





Narrow stile door
Read in, free egress - complies with EN179

1. EL460 solenoid lock
2. CY326 single cylinder - DIN Europrofile
3. DL8 door loop
4. 60-0819-SSS handle set
5. DC240 door closer (optional)

Narrow stile door applications with handle operation, inside handle always operates and the outside handle is controlled and activated on signal from access control system. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	30 mm, 35 mm, 40 mm, 45 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

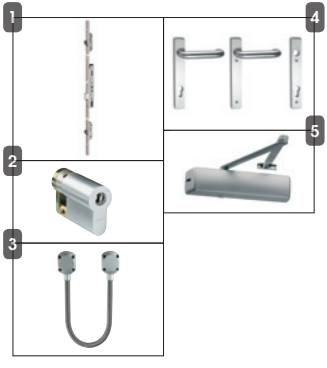
Standards:

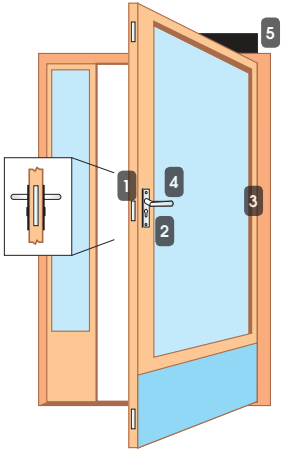
EN179 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



EN 179

Package 3ME
Multipoint





Narrow stile door
Multipoint - Read in, free egress - complies with EN179

1. EL466 solenoid lock
2. CY326 single cylinder - DIN Europrofile
3. DL8 door loop
4. 60-0819-SSS handle set
5. DC240 door closer (optional)

Narrow stile door applications with handle operation, inside handle always operates and the outside handle is controlled and activated on signal from access control system. Key override at all times from outside.

Technical Specification:

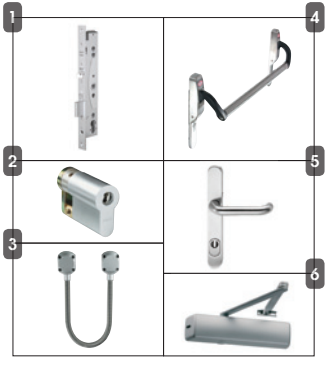
Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	30 mm, 35 mm, 40 mm, 45 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

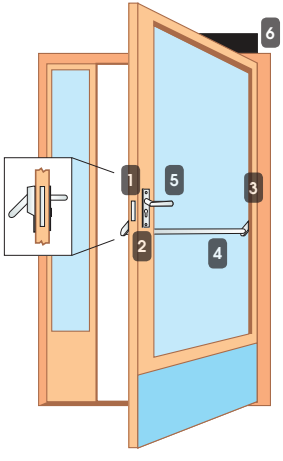
Standards:

EN179 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



Package 3P
Escape (EN1125)





Narrow stile door
Read in, free egress - complies with EN1125

1. EL460 solenoid lock
2. CY326 single cylinder - DIN Europrofile
3. DL8 door loop
4. 990001 panic bar
5. 809ZB04------35 outside handle / trim
6. DC240 door closer (optional)

Narrow stile door applications with handle operation, inside panic bar always operates and the outside handle is controlled and activated on signal from access control system. Key override at all times from outside.

Technical Specification:

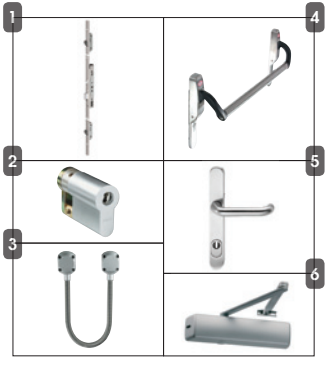
Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	30 mm, 35 mm, 40 mm, 45 mm.
Monitoring:	RQE on panic bar, bolt position, door position, cylinder operation.

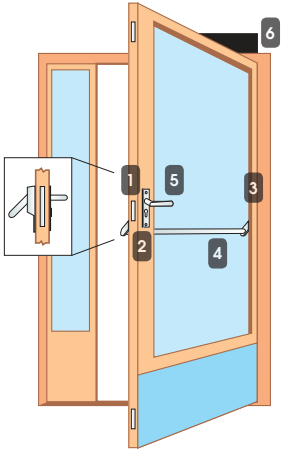
Standards:

EN1125 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



Package 3MP
Escape (EN1125)





Narrow stile door
Multipoint - Read in, free egress - complies with EN1125

1. EL466 solenoid lock
2. CY326 single cylinder - DIN Europrofile
3. DL8 door loop
4. 990001 panic bar
5. 809ZB04------35 outside handle / trim
6. DC240 door closer (optional)

Narrow stile door applications with handle operation, inside panic bar always operates and the outside handle is controlled and activated on signal from access control system. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	30 mm, 35 mm, 40 mm, 45 mm.
Monitoring:	RQE on panic bar, bolt position, door position, cylinder operation.

Standards:

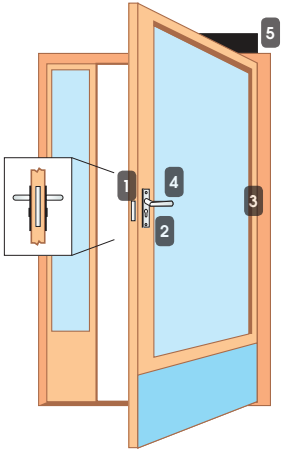
EN1125 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



EN 1125

Package 4





Narrow stile door
Read in, read out

1. EL461 solenoid lock
2. CY327 double cylinder - DIN Europrofile
3. DL8 door loop
4. 60-0819-SSS handle set
5. DC240 door closer (optional)

Narrow stile door applications with handle operation, both handles controlled and activated on signal from access control system. Key override at all times from both sides.

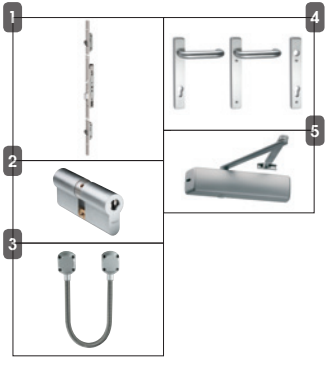
Technical Specification:

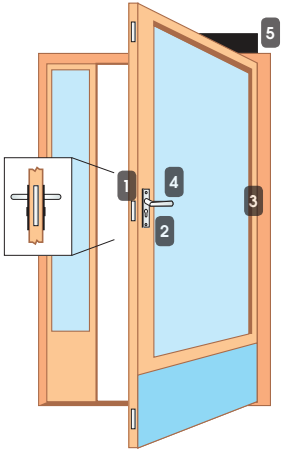
Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	30 mm, 35 mm, 40 mm, 45 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

Standards:

EN12209
EN1634-1
EN61000-6-1
EN14846

Package 4M
Multipoint





Narrow stile door
Multipoint - Read in, read out

1. EL467 solenoid lock
2. CY327 double cylinder - DIN Europrofile
3. DL8 door loop
4. 60-0819-SSS handle set
5. DC240 door closer (optional)

Narrow stile door applications with handle operation, both handles controlled and activated on signal from access control system. Key override at all times from both sides.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backsets available:	30 mm, 35 mm, 40 mm, 45 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

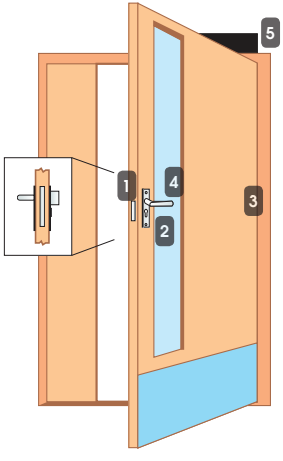
Standards:

EN12209
EN1634-1
EN61000-6-1
EN14846

EN 179

Package 5E
High Security





Standard door
Read in, free egress (motor lock) - complies with EN179

1. EL520 motor lock
2. CY326 single cylinder - DIN Europrofile
3. EA280 concealed door loop
4. 60-0119-SSS handle inside, pullpad outside
5. DC240 door closer (optional)

High security wood or metal door applications with motor operated deadbolt and latch bolt, inside handle always operates. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V AC to 18 V AC, 12 V DC to 24 V DC (+15%-10%).
Current draw:	12 V DC 80 mA idle, norm 450 mA 24 V DC 40 mA idle, norm 220 mA.
Backsets available:	Standard 65 mm, 55 mm, 60 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

Standards:

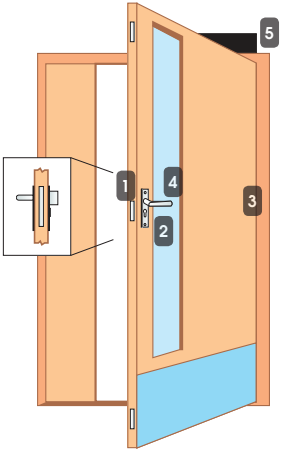
EN179 when used with correct furniture EN14846
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)



EN 179

Package 5ME
Multipoint - High Security





Standard door
Read in, free egress (motor lock) - complies with EN179

1. MP520 motor lock
2. CY326 single cylinder - DIN Europrofile
3. EA280 concealed door loop
4. 60-0119-SSS handle inside, pullpad outside
5. DC240 door closer (optional)

High security wood or metal door applications with motor operated deadbolt, hook bolts and latch bolt, inside handle always operates. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V AC to 18 V AC, 12 V DC to 24 V DC (+15%-10%).
Current draw:	12 V DC 80 mA idle, norm 450 mA 24 V DC 40 mA idle, norm 220 mA.
Backsets available:	Standard 65 mm, 55 mm, 60 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

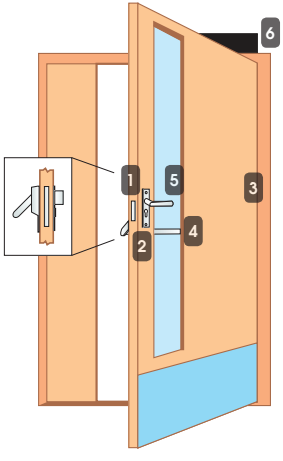
Standards:

EN179 when used with correct furniture EN14846
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)



Package 5P
Escape - High Security





Standard door
Read in, free egress (motor lock) - complies with EN1125

1. EL520 motor lock
2. CY326 single cylinder - DIN Europrofile
3. EA280 concealed door loop
4. 990000-SE panic bar
5. 012/120-RT-PZ-72-JPM520 outside pull pad
6. DC240 door closer (optional)

High security wood or metal door applications with motor operated deadbolt and latch bolt, inside panic bar always operates. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V AC to 18 V AC, 12 V DC to 24 V DC (+15%-10%).
Current draw:	12 V DC 80 mA idle, norm 450 mA, max 1430 mA 24 V DC 40 mA idle, norm 220 mA, max 600 mA.
Backsets available:	Standard 65 mm, 55 mm, 60 mm.
Monitoring:	RQE on panic bar, bolt position, door position, cylinder operation.

Standards:

EN1125 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



Electric lock selector



Standard stile
> timber/steel
> Min 120mm

> **Motor** > Hands free usage



> **Solenoid** > For handle control



> Motor **> Hung doors**



> Solenoid **> Hung doors**



> Solenoid **> Sliding doors > N/A**



> Solenoid
> Hung doors **> DIN**
> Handle control



> Solenoid > Hung doors **> Scandinavian cylinder > Latch only**



> Solenoid > Hung doors **> Scandinavian cylinder > Handle control > free egress/ controlled both sides**



EL520

> DIN



Security ★★★★★

EL590

> Scand. cylinder



Security ★★★★

EL560

> DIN
> free egress



Security ★★★★

EL561

> DIN > controlled both sides



Security ★★★★

EL502

> Scand. cylinder > latch only



Security ★★★

EL580

> Scand. cylinder > free egress



Security ★★★★

EL582

> Scand. cylinder > controlled both sides



Security ★★★★

Use the flow chart to select Electric Locks ideal for your application.



Narrow stile
> timber/
aluminium

> Motor > Hands free usage



> Solenoid > For handle control



> Motor **> Sliding doors**



> Motor **> Hung doors**



> Solenoid **> Hung doors**



> Solenoid **> Sliding doors > N/A**



> Solenoid
> Hung doors **> DIN**
> Handle control



> Solenoid > Hung doors **> Scandinavian cylinder > Latch only**



> Solenoid > Hung doors **> Scandinavian cylinder > Handle control > free egress/ controlled both sides**



EL648
> Scand. cylinder



Security ★★★★
CE

EL614
> DIN



Security ★★★★
CE

EL420
> DIN



Security ★★★★★
CE

EL490
> Scand. cylinder



Security ★★★★
CE

EL460
> DIN
> free egress



Security ★★★★
CE

EL461
> DIN > controlled both sides



Security ★★★★
CE

EL402
> Scand. cylinder > latch only



Security ★★★
CE

EL480
> Scand. cylinder > free egress



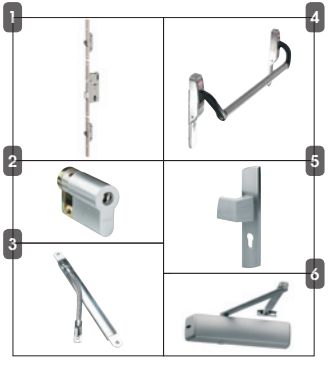
Security ★★★★
CE

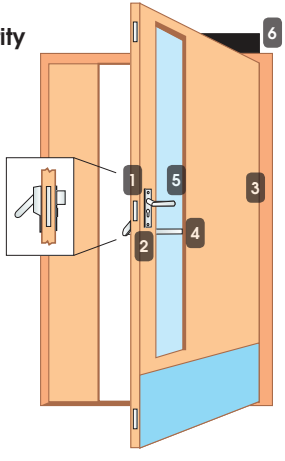
EL482
> Scand. cylinder > controlled both sides



Security ★★★★
CE

Package 5MP
Multipoint - Escape - High Security





Standard door
Read in, free egress (motor lock) - complies with EN1125

1. MP520 motor lock
2. CY326 single cylinder - DIN Europrofile
3. EA280 concealed door loop
4. 990000-SE panic bar
5. 012/120-RT-PZ-72-JPM520 outside pull pad
6. DC240 door closer (optional)

High security wood or metal door applications with motor operated deadbolt, hook bolts and latch bolt, inside panic bar always operates. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V AC to 18 V AC, 12 V DC to 24 V DC (+15%-10%).
Current draw:	12 V DC 80 mA idle, norm 450 mA, max 1430 mA
	24 V DC 40 mA idle, norm 220 mA, max 600 mA.
Backsets available:	Standard 65 mm, 55 mm, 60 mm.
Monitoring:	RQE on panic bar, bolt position, door position, cylinder operation.

Standards:

EN1125 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846

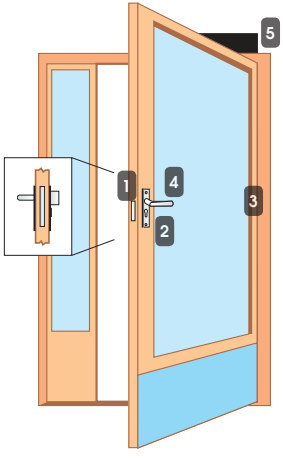


EN 1125

EN 179

Package 6E
High Security





Narrow stile door
Read in, free egress (motor lock) - complies with EN179

1. EL420 motor lock
2. CY326 single cylinder - DIN Europrofile
3. DL8 door loop
4. 3-19X/013/120PZ+BL-SSS handle inside, pullpad outside
5. DC240 door closer (optional)

High security narrow stile door applications with motor operated deadbolt and latch bolt, inside handle always operates. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V AC to 18 V AC, 12 V DC to 24 V DC (+15%-10%).
Current draw:	12 V DC 80 mA idle, norm 450 mA, max 1300 mA
	24 V DC 40 mA idle, norm 220 mA, max 600 mA.
Backsets available:	30 mm, 35 mm, 40 mm, 45 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

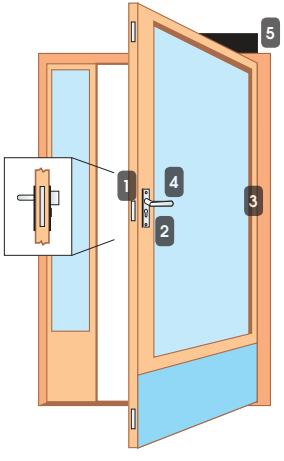
Standards:

EN179 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



Package 6ME
Multipoint - High Security





EN 179

Narrow stile door
Read in, free egress (motor lock) - complies with EN179

1. MP420 motor lock
2. CY326 single cylinder - DIN Europrofile
3. DL8 door loop
4. 3-19X/013/120PZ+BL-SSS handle inside, pullpad outside
5. DC240 door closer (optional)

High security narrow stile door applications with motor operated deadbolt, hook bolts and latch bolt, inside handle always operates. Key override at all times from outside.

Technical Specification:

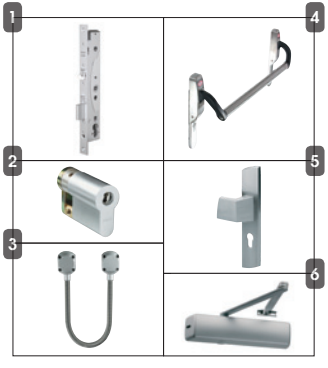
Operating voltage:	12 V AC to 18 V AC, 12 V DC to 24 V DC (+15%-10%).
Current draw:	12 V DC 80 mA idle, norm 450 mA, max 1300 mA
	24 V DC 40 mA idle, norm 220 mA, max 600 mA.
Backsets available:	30 mm, 35 mm, 40 mm, 45 mm.
Monitoring:	RQE on inside handle, bolt position, door position, cylinder operation.

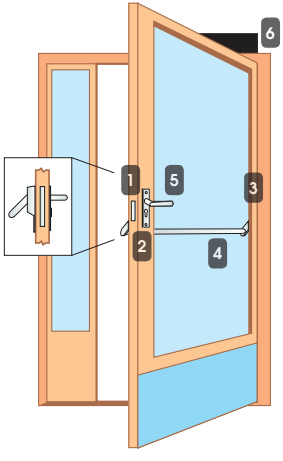
Standards:

EN179 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



Package 6P
Escape - High Security





Narrow stile door
Read in, free egress (motor lock) - complies with EN1125

1. EL420 lock case
2. CY326 single cylinder - DIN Europrofile
3. DL8 door loop
4. 990001-SE panic bar
5. 013/120-RT-PZ-92-JPM420 outside trim
6. DC240 door closer (optional)

High security narrow stile door applications with motor operated deadbolt and latch bolt, inside panic bar always operates. Key override at all times from outside.

Technical Specification:

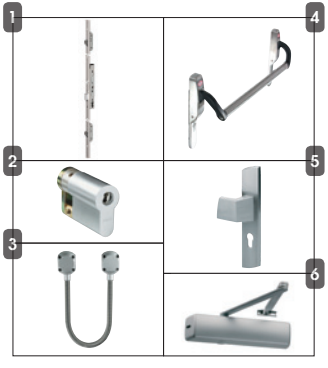
Operating voltage:	12 V AC to 18 V AC, 12 V DC to 24 V DC (+15%-10%).
Current draw:	12 V DC 80 mA idle, norm 450 mA, max 1300 mA
	24 V DC 40 mA idle, norm 220 mA, max 600 mA.
Backsets available:	30 mm, 35 mm, 40 mm, 45 mm.
Monitoring:	RQE on panic bar, bolt position, door position, cylinder operation.

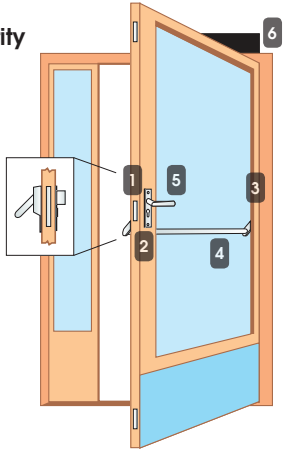
Standards:

EN1125 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846



Package 6MP
Multipoint - Escape - High Security





Narrow stile door
Read in, free egress (motor lock) - complies with EN1125

1. MP420 motor lock
2. CY326 single cylinder - DIN Europrofile
3. DL8 door loop
4. 990001-SE panic bar
5. 013/120-RT-PZ-92-JPM420 outside trim
6. DC240 door closer (optional)

High security narrow stile door applications with motor operated deadbolt, hook bolts and latch bolt, inside panic bar always operates. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V AC to 18 V AC, 12 V DC to 24 V DC (+15%-10%).
Current draw:	12 V DC 80 mA idle, norm 450 mA, max 1300 mA
	24 V DC 40 mA idle, norm 220 mA, max 600 mA.
Backsets available:	30 mm, 35 mm, 40 mm, 45 mm.
Monitoring:	RQE on panic bar, bolt position, door position, cylinder operation.

Standards:

EN1125 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)
EN14846

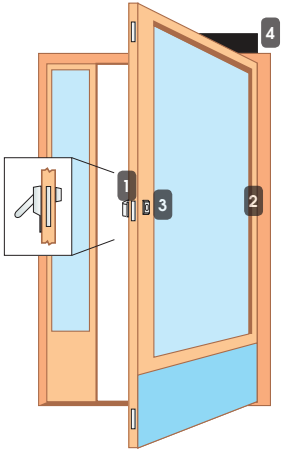


EN 1125

EN 179

Package 7E
Not suitable for Fire Rated doors





Narrow stile door
Read in, free egress - complies with EN179

1. EL402 F/UN solenoid lock, fail unlocked
2. DL8 door loop
3. CY080 Scandinavian cylinder/push pad
4. DC240 door closer (optional)

Narrow stile door applications with push pad operation and activated on signal from access control system. Key override at all times on outside, push pad always operational from inside.

For use on aluminium doors; compliant with BS EN179 for emergency escape but not suitable for fire rated doors as they have not been fire tested.

Technical Specification:

Operating voltage:	12 V DC or 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 480 mA max 24 V DC 240 mA max.
Backsets available:	Adjustable from 25 mm, 28 mm, 30 mm, 35 mm or 35 mm.
Monitoring:	Bolt position.

Standards:

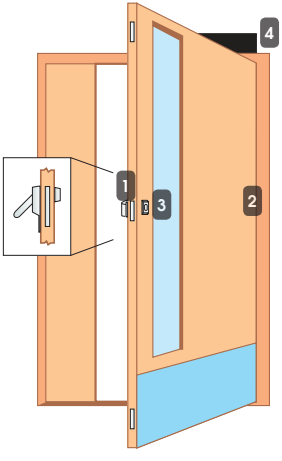
EN179 when used with correct furniture
EN12209
EN61000-6-1
EN1303 (cylinder)



EN 179

Package 8E
Not suitable for Fire Rated doors





Standard door
Read in, free egress - complies with EN179

1. EL502 F/UN solenoid lock, fail unlocked
2. EA280 concealed door loop
3. CY077-PT-PC-DF Scandinavian cylinder/push pad
4. DC240 door closer (optional)

Wood or metal door applications with push pad operation and activated on signal from access control system. Key override at all times on outside, push pad always operational from inside.

For use on aluminium doors; compliant with BS EN179 for emergency escape but not suitable for fire rated doors as they have not been fire tested.

Technical Specification:

Operating voltage:	12 V DC or 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 480 mA max 24 V DC 240 mA max.
Backset available:	50 mm.
Monitoring:	Bolt position.

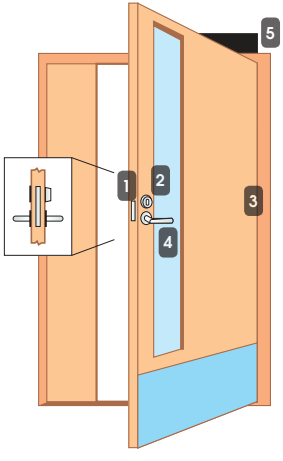
Standards:

EN179 when used with correct furniture
EN12209
EN61000-6-1
EN1303 (cylinder)



Package 9E





Standard door
Read in, free egress - complies with EN179

1. EL580 solenoid lock
2. CY037 outside cylinder - Scandinavian
3. EA280 concealed door loop
4. 60-0619-SSS handle set
5. DC240 door closer (optional)

Wood or metal door applications with handle operation. Inside handle always operates and outside handle is controlled and activated on signal from access control system. Key override at all times.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backset available:	Standard 50 mm, 70 mm.
Monitoring:	RQE on inside handle, bolt position.

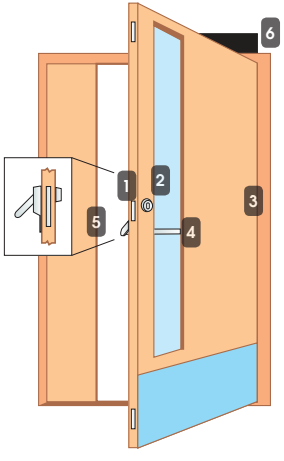
Standards:

EN179 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)



Package 9P
Escape (EN1125)





Standard door
Read in, free egress - complies with EN1125

1. PE580 solenoid lock
2. CY037 outside cylinder - Scandinavian
3. EA280 concealed door loop
4. PBE001 Abloy panic bar
5. LP712 strike
6. DC240 door closer (optional)

Wood or metal door applications with handle operation. Inside panic bar always operates and outside handle is controlled and activated on signal from access control system. Key override at all times.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backset available:	50 mm.
Monitoring:	RQE on panic bar, bolt position.

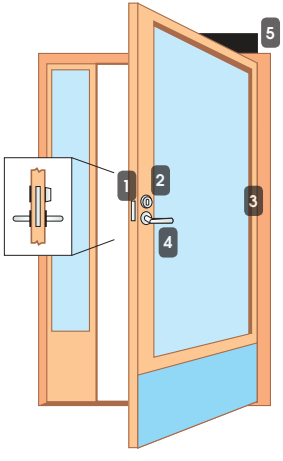
Standards:

EN1125 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)



Package 10E





Narrow stile door
Read in, free egress - complies with EN179

1. EL480 solenoid lock
2. CY063 outside cylinder - Scandinavian
3. DL8 door loop
4. 3-20/0650 handle set
5. DC240 door closer (optional)

Narrow stile door applications with handle operation. Inside handle always operates and outside handle is controlled and activated on signal from access control system. Key override at all times.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backset available:	Standard 29 mm, 35 mm.
Monitoring:	RQE on inside handle, bolt position.

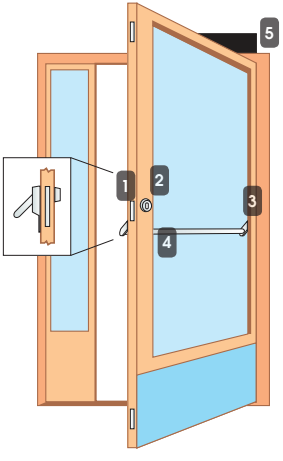
Standards:

EN179 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)



Package 10P
Escape (EN1125)





Narrow stile door
Read in, free egress - complies with EN1125

1. EL480 solenoid lock
2. CY063 outside cylinder - Scandinavian
3. DL8 door loop
4. PBE001 Abloy panic bar
5. DC240 door closer (optional)

Narrow stile door applications with handle operation. Inside handle always operates and outside handle is controlled and activated on signal from access control system. Key override at all times.

Technical Specification:

Operating voltage:	12 V DC to 24 V DC stabilised (+15%-10%).
Current draw:	12 V DC 350 mA max 24 V DC 250 mA max.
Backset available:	Standard 29 mm, 35 mm.
Monitoring:	RQE on panic bar, bolt position.

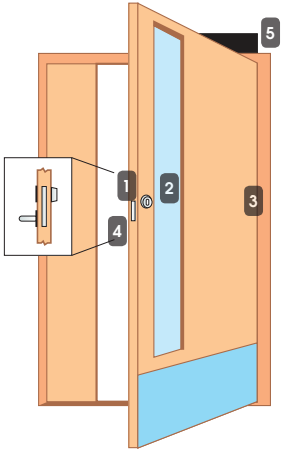
Standards:

EN179 when used with correct furniture
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)



Package 11E
High Security





Standard door
Read in, free egress (motor lock) - complies with EN179

1. EL590 motor lock
2. CY037 outside cylinder - Scandinavian
3. EA280 concealed door loop
4. 3-20/030 inside handle (60-0219-PSS alternative)
5. DC240 door closer (optional)

High security wood or metal door applications with motor operated deadbolt and latch bolt, inside handle always operates. Key override at all times from outside. Optional electrical handle control: if used negates EN179.

Technical Specification:

Operating voltage:	12 V AC to 24 V DC stabilised (+15%-15%).
Current draw:	12 V DC 50 mA idle, norm 600 mA, max 1700 mA
	24 V DC 23 mA idle, norm 250 mA, max 700 mA.
Backsets available:	Standard 50 mm.
Monitoring:	RQE on inside handle, bolt position, cyl.operation with additional part 950885.

Standards:

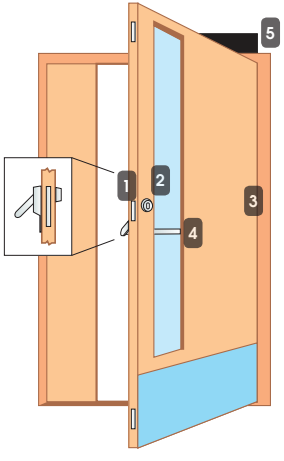
EN179 when used with correct furniture and functions
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)



EN 179

Package 11P
Escape (EN1125)





Standard door
Read in, free egress (motor lock) - complies with EN1125

1. PE590 motor lock
2. CY037 outside cylinder - Scandinavian
3. EA280 concealed door loop
4. PBE002 Abloy panic bar
5. DC240 door closer (optional)

High security wood or metal door applications with motor operated deadbolt and latch bolt, inside panic bar always operates. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V AC to 24 V DC stabilised (+15%-15%).
Current draw:	12 V DC 50 mA idle, norm 600 mA, max 1700 mA
	24 V DC 23 mA idle, norm 250 mA, max 700 mA.
Backsets available:	Standard 50 mm.
Monitoring:	RQE on panic bar, bolt position, cyl.operation with additional part 950885.

Standards:

EN1125 when used with correct furniture and functions
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)

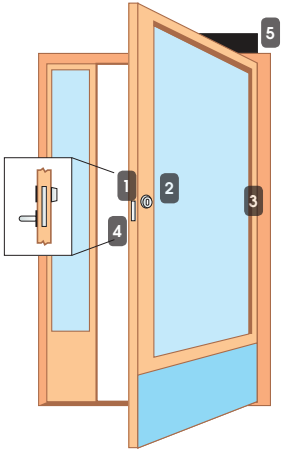


EN 1125

EN 179

Package 12E
High Security





Narrow stile door
Read in, free egress (motor lock) - complies with EN179

1. EL490 motor lock
2. CY063 outside cylinder - Scandinavian
3. DL8 door loop
4. 3-20/0630 inside handle
5. DC240 door closer (optional)

High security narrow stile door applications with motor operated deadbolt and latch bolt, inside handle always operates. Key override at all times from outside. Optional electrical handle control: if used negates EN179.

Technical Specification:

Operating voltage:	12 V AC to 24 V DC stabilised (+15%-15%).
Current draw:	12 V DC 50 mA idle, norm 600 mA, max 1700 mA
	24 V DC 23 mA idle, norm 250 mA, max 700 mA.
Backset available:	Standard 29 mm, 35 mm.
Monitoring:	RQE on inside handle, bolt position, cyl.operation with additional part 950885.

Standards:

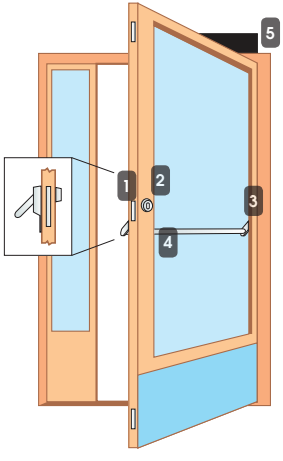
EN179 when used with correct furniture and functions
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)



EN 179

Package 12P
Escape (EN1125)





Narrow stile door
Read in, free egress (motor lock) - complies with EN1125

1. EL490 motor lock
2. CY063 outside cylinder - Scandinavian
3. DL8 door loop
4. PBE003 Abloy panic bar
5. DC240 door closer (optional)

High security narrow stile door applications with motor operated deadbolt and latch bolt, inside panic bar always operates. Key override at all times from outside.

Technical Specification:

Operating voltage:	12 V AC to 24 V DC stabilised (+15%-15%).
Current draw:	12 V DC 50 mA idle, norm 600 mA, max 1700 mA
	24 V DC 23 mA idle, norm 250 mA, max 700 mA.
Backset available:	Standard 29 mm, 35 mm.
Monitoring:	RQE on panic bar, bolt position, cyl.operation with additional part 950885.

Standards:

EN1125 when used with correct furniture and functions
EN12209
EN1634-1
EN61000-6-1
EN1303 (cylinder)



The Abloy Academy

The high performance of Abloy products can only be realised by the abilities of the people who install them. We have developed the Abloy Academy to provide training of the highest standard, and the Academy brand is recognised as a mark of excellence and accreditation. This gives reassurance to clients of the competence and specialist product understanding of our installation specialists

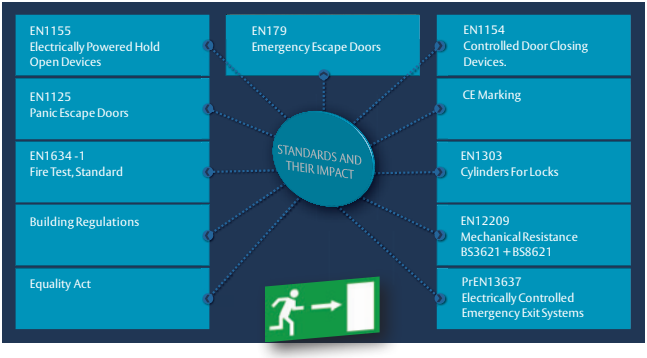
The Academy offers dedicated facilities covering presentations, education and hands-on practical training. All come with leading AV services. We also offer bespoke courses to suit specific requirements.

To find out more, visit www.abloy.co.uk/academy



Glossary of terms

To better understand the terms and standards referred to in this document, we have created the glossary of terms below.



RQE Request to Exit.

DDA Disability Discrimination Act, now superseded by the Equality Act.

Equality Act Created for equal opportunities in the workplace and in wider society, covering access to buildings for people with disabilities.

BSEN179 Emergency Escape Doors. Applies to areas of a public building that are non-public areas with trained staff.

BSEN1125 Panic Escape Doors. Applies in public areas (assemblies).

EN1303 Cylinder resistance to physical attack, durability and key security.

EN12209 Mechanical resistance for mechanically operated locks, latches and locking plates.

EN1634-1 Fire test classification 30 or 60 minutes.

EN14846 Covering both electric locks and electric striking plates, allowing the specification of electric locking to defined levels of security and durability.

Electromagnetic compatibility (EMC) Applies to electrical and electronic apparatus intended for use in residential, commercial and light-industrial environments.

For further information, attend our Academy Foundations course. Visit www.abloy.co.uk/academy

Abloy locking mechanisms

for door environments

Abloy offer a range of cylinder systems from which you can select the best to suit your application.

Novel

Novel is a new 2-way cylinder mechanism designed to provide cost effective security – but retain the world-renowned ABLOY® strength and quality.

- Patented cylinder and key structure in the UK and Ireland until 2027.
- Patented Anti Wear System (AWS), an arrangement in the cylinder and key which minimises the effect of wear to the cylinder operation.

Protec2

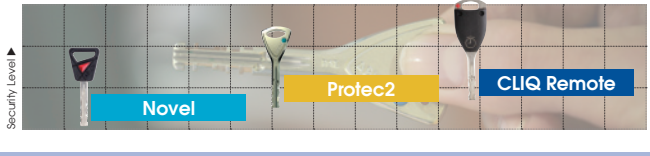
This 2-way mechanism incorporates highest security rotating disc design and is fully patented in the UK and Ireland until 2031.

- A virtually pickproof mechanism that's impossible to manipulate
- Exceptionally smooth key entry and operation.
- Patented Anti Wear System (AWS).

ABLOY CLIQ Remote

The very latest in user-friendly, web-based security management; designed for remote sites, enabling the commissioning, programming and full administration of security management centrally via web-based software.

- Add or remove keys at the press of a button – keys can be valid for specified times and dates.
- Audit trails from cylinder, padlock and key – no wires required.
- Dual security – secure mechanical system with encrypted electronics.



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