Electromechanical Locking Solutions

Side Load Locks,
Drop Bolts,
Electric Strikes,
Electromagnetic
Locks, Roller Door
and Gate Locks,
Cable Transfers

dormakaba

Symbols

CE CE Rated
Complies with the requirements of the relevant European health, safety and environmental protection legislation

C-Tick Approved
Applies to electrical and electronic devices, indicating compliance with relevant labelling notices and product standards

Fire Rated
Denotes that the product has been successfully tested on fire door assemblies by independent laboratories

Two strong global brands– Dorma and Kaba – have combined forces and are now offering you a comprehensive portfolio of smart & secure access solutions, all from one, reliable source.

Our new product portfolio includes everything from locks and keys to a fully networked electronic access solution, and everything from door closers and automatic doors to a mobile partition system.

All supported by a comprehensive service network.

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SL30DBL
COBALT Electronic Side Load Lock

The electronic side load lock, COBALT, is a motor driven electronic lock designed to secure commercial and residential double action doors.

The lock addresses the two biggest issues in door locking; the ability to align a misaligned door and the ability to release when requested, even with excessive load on the door. Reliable, secure, convenient.

Features

- Door misalignment of up to 8mm is corrected
- Side load release - up to 100kgs
- Automatic deadbolting
- Two, 10mm thick stainless steel bolt pin
- Reverse polarity and transient protection
- Multiple attempts to lock
- Convert from Fail Safe to Fail Secure by repositioning a single jumper
- Door and bolt position monitors
- Mortice mount horizontally or vertically, on single acting doors
- Surface mount with the aid of the SL30DBL accessories, including mounting onto glass

Specifications

Lock	255L x 30W x 51D(mm)
Long Strike	255L x 30W x 14D(mm)
Housing	258L x 34W x 55D(mm)
Dress Plate	260L x 0.7W x 58D(mm)
Holding Force	10,000N (1000Kg)
Door Misalignment	+/- 8mm
Side Load Release	Up to 100kg opening load on door
Voltage at Lock	12 - 24VDC +/-15%
Current Usage Holding Operating Stall	<50mA@12V, <30mA@24V <250mA@12V, <200mA@24V <1A@12V, <0.05A@24V
Monitors Switches Bolt Position Door Position	30VDC, 0.1A 100VDC, 0.5A
Endurance	300,000 cycles normal operaion
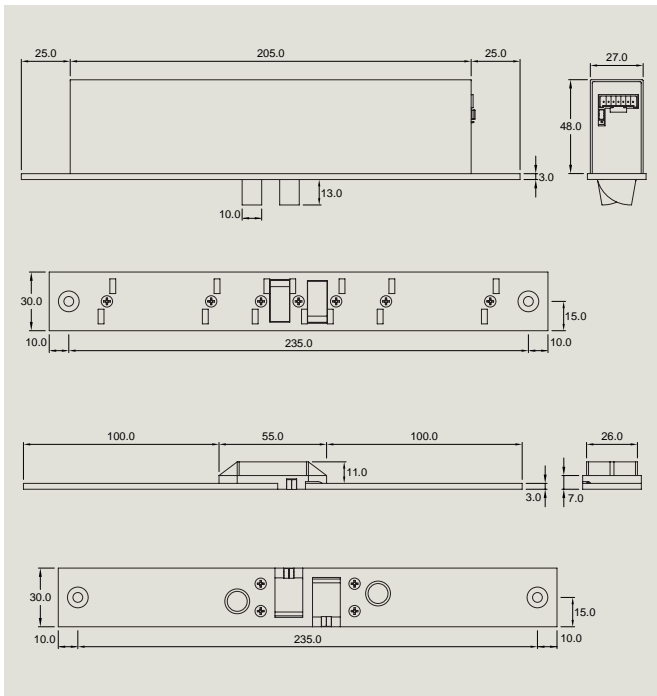
Dimensions - Lock

Part No.	Description
SL30DBL	Side load lock 12-24VDC Monitored
SL30DBL to retrofit V Lock	
SL30DBL256	Side load lock 256mm long

SL30SGL
COBALT - mini Electronic Side Load Lock

The electronic side load lock, COBALT-mini, is a motor driven electronic lock designed to secure commercial and residential single action doors.

Its small footprint ensures the Cobalt-mini can be installed in most locations however it still has the ability to pull a door in tightly against a seal and will release instantly when requested, even with excessive load on the door.
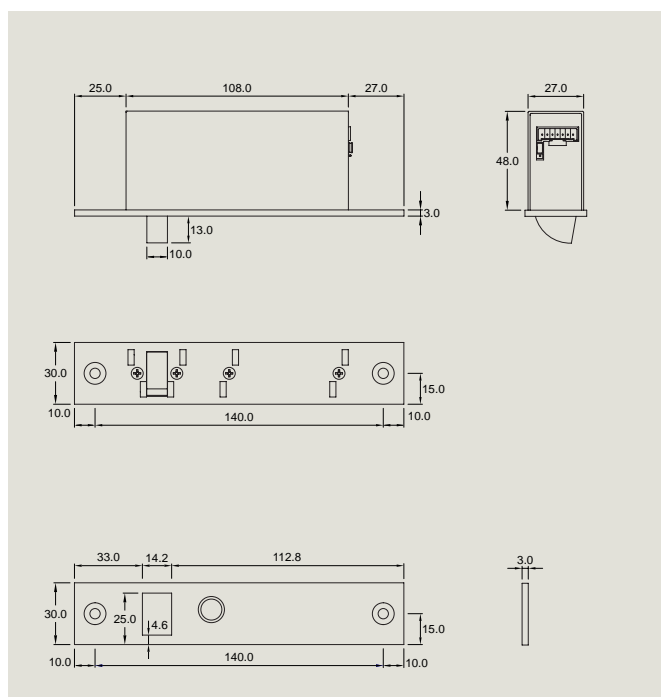
Features

- Door misalignment of up to 8mm is corrected
- Side load release - up to 100kgs
- Automatic deadbolting
- 10mm thick stainless steel bolt pin
- Reverse polarity and transient protection
- Multiple attempts to lock
- Convert from Fail Safe to Fail Secure by repositioning a single jumper
- Door and bolt position monitors
- Mortice mount horizontally or vertically, on single acting doors
- Surface mount with the aid of the SLA30SGL accessories, including mounting onto glass

Specifications

Lock	160L x 30W x 51D(mm)
Long Strike - SLA213H	160L x 30W x 14D(mm)
Housing - SLA214J	163L x 34W x 55D(mm)
Dress Plate - SLA216J	165L x 0.7W x 58D(mm)
Holding Force	10,000N (1000Kg)
Door Misalignment	Up to 8mm
Side Load Release	Up to 100kg opening load on door
Voltage at Lock	12 - 24VDC +/-15%
Current Usage Holding Operating Stall	 <50mA@12V, <30mA@24V <250mA@12V, <200mA@24V <1A@12V, <0.05A@24V
Monitors Switches Bolt Position Door Position	 30VDC, 0.1A 100VDC, 0.5A
Endurance	300,000 cycles normal operaion

Dimensions - Lock

Part No.	Description
SL30SGL	Side load lock 12-24VDC Monitored

Side Load Locks
Accessories - SL30 Series

SLA203H
Long Square Hole Strike
255L x 30W x 14D(mm)

SLA204J
Housing
258L x 34W x 55D(mm)

SLA206J
Dress Plate
260L x 0.7W x 58D(mm)

SLA223H
Long Square Hole Strike
256L x 30W x 14D(mm)

SLA213H
Long Square Hole Strike
160L x 30W x 14D(mm)

SLA214J
Housing
163L x 34W x 55D(mm)

SLA216J
Dress Plate
165L x 0.7W x 58D(mm)

| Part No.	Description
SLA203H	Long square hole strike for SL30DBL
SLA204J	Housing SL30DBL
SLA206J	Dress plate SL30DBL
SLA223H	Long square hole strike (256mm) for SL30DBL256
SLA213H	Long square hole strike for SL30SGL
SLA214J	Housing for SL30SGL
SLA216J	Dress Plate for SL30M

DB25
Electronic Deadbolt Lock

The DB25 incorporates advanced design, quality and electronic ingenuity to provide a secure, yet versatile, door locking device.

With integrated access control features and robust engineering, the DB25 is a high security streamlined lock suitable for use on any single or double acting door.

Features
- Automatic deadbolting
- 12.7mm diameter stainless steel bolt pin
- Anti-tailgate and Anti-tamper
- Auto-relock after 0/3/6/9 seconds
- Multiple attempts to lock and unlock
- Thermal overheating protection
- Reverse polarity and transient protection
- Dual monitoring with door and bolt position monitors
- Mortice mount horizontally or vertically, on single or double acting doors
- Surface mount with the aid of the DB25 accessories, including mounting onto glass
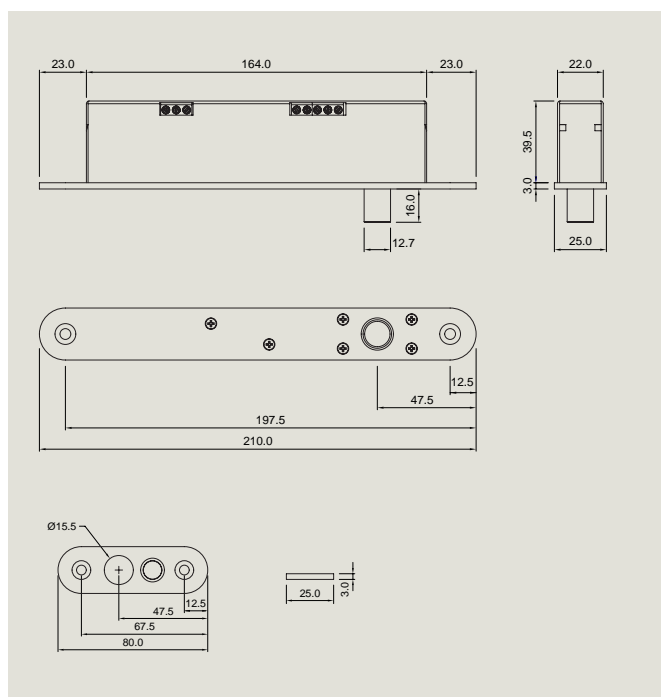
Specifications

Lock	210L x 25W x 42D(mm)
Short Strike - DBA103A	80L x 25W x 3D(mm)
Long Strike - DBA103E	210L x 25W x 3D(mm)
Housing - DBA104J	225L x 29W x46.5D(mm)
Dress Plate - DBA106J	225L x 0.7W x 50D(mm)
Holding Force	10,000N (1000Kg)
Voltage at Lock	12 - 24VDC +/-10%
Current Usage Holding Operating	160mA@12V, 95mA@24V 1.25A@12V, 1A@24V
Monitors Switches Bolt Position Door Position	25VDC,0.5A 100VDC, 0.5A
Endurance	Cycle tested to 1000000 operations
Materials	Plastics: POM, Stainless Steel: 304

Dimensions - Lock

Part No.	Description
DB25PTL	Drop bolt 12-24VDC Fail safe Monitored
DB25PTO	Drop bolt 12-24VDC Fail secure Monitored

DB25L
Electronic Deadbolt Lock - Mag-latch

The DB25L incorporates a unique latching device that is a world first in electronic deadbolts.

Door alignment problems vanish with the innovative design which ensures the correct positioning of the lock and strike every time. Incorporating access control functions, and the highest quality componentry.
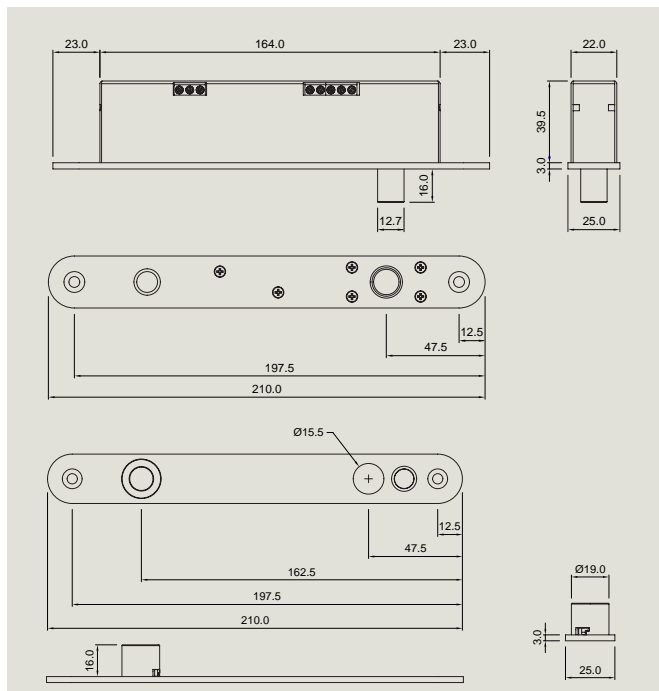
Features

- Dual Action - magnetic latch to capture the door and deabolt to secure the door
- Automatic deadbolting
- 12.7mm diameter stainless steel bolt pin
- Anti-tailgate and Anti-tamper
- Auto-relock after 0/3/6/9 seconds
- Multiple attempts to lock and unlock
- Thermal overheating protection
- Reverse polarity and transient protection
- Dual monitoring with door and bolt position monitors
- Mortice mount horizontally or vertically, on single or double acting doors
- Surface mount with the aid of the DB25L accessories, including mounting onto glass

Specifications

Lock	210L x 25W x 42D(mm)
Long Strike - DBA133E	210L x 25W x 3D(mm)
Housing - DBA104J	225L x 29W x46.5D(mm)
Dress Plate - DBA106J	225L x 0.7W x 50D(mm)
Holding Force	10,000N (1000Kg)
Voltage at Lock	12 - 24VDC +/-10%
Current Usage Holding Operating	160mA@12V, 95mA@24V 1.25A@12V, 1A@24V
Monitors Switches Bolt Position Door Position	25VDC,0.5A 100VDC, 0.5A
Endurance	Cycle tested to 1000000 operations
Materials	Plastics: POM, Stainless Steel: 304

Dimensions - Lock

| Part No.	Description
DB25LPTL	Drop bolt 12-24VDC Fail safe Monitored
DB25LPTO	Drop bolt 12-24VDC Fail secure Monitored

DB25K
Electronic Deadbolt Lock

incorporates the same advanced design, quality and electronic ingenuity as the DB25 with the added flexibility of a manual key override.

Despite the addition of the key override mechanism the streamlined design is maintained allowing the DB25K to provide a high security, yet versatile, door locking solution.

Features

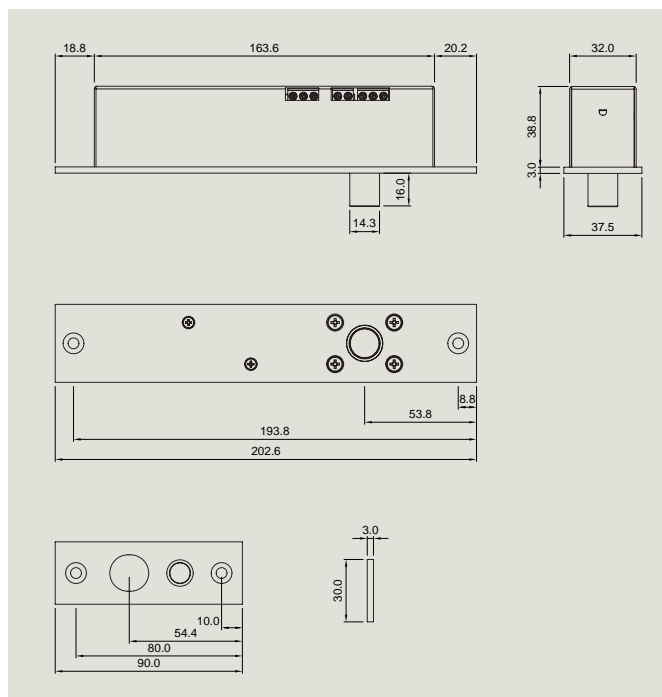- A Euro style key cylinder can be used to manually control the lock
- Automatic deadbolting
- 12.7mm diameter stainless steel bolt pin
- Anti-tailgate and Anti-tamper
- Auto-relock after 0/3/6/9 seconds
- Multiple attempts to lock and unlock
- Thermal overheating protection
- Reverse polarity and transient protection
- Dual monitoring with door and bolt position monitors
- Mortice mount horizontally or vertically, on single or double acting doors
- Surface mount with the aid of the DB25K accessories, including mounting onto glass
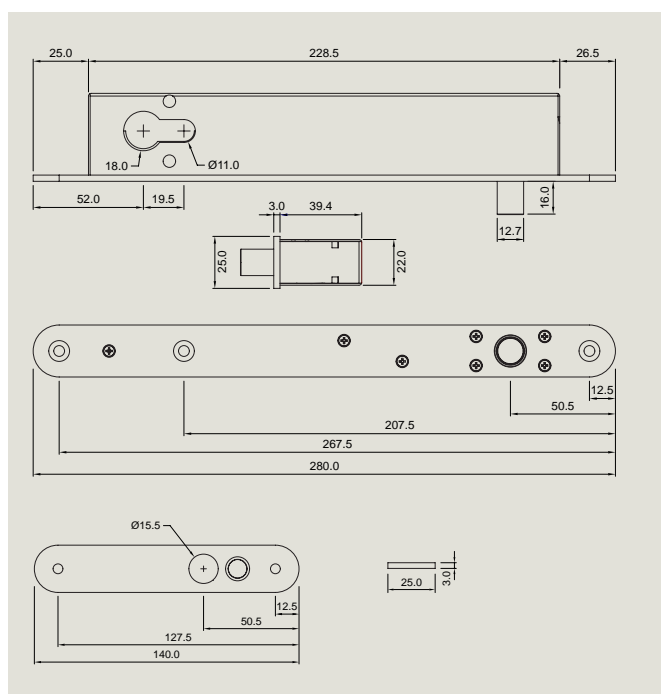
Specifications

Lock	280L x 25W x 42D(mm)
Short Strike - DBA143A	140L x 25W x 3D(mm)
Long Strike - DBA143E	280L x 25W x 3D(mm)
Bolt Housing - DBA144J	294L x 29W x46.5D(mm)
Strike Housing - DBA145J	294L x 29W x46.5D(mm)
Dress Plate - DBA146J	294L x 0.7W x 50D(mm)
Holding Force	10,000N (1000Kg)
Voltage at Lock	12 - 24VDC +/-10%
Current Usage Holding Operating	160mA@12V, 95mA@24V 1.25A@12V, 1A@24V
Monitors Switches Bolt Position Door Position	25VDC,0.5A 100VDC, 0.5A
Endurance	Cycle tested to 1000000 operations
Materials	Plastics: POM, Stainless Steel: 304

Dimensions - Lock

Part No.	Description
DB25KPTL	Drop bolt 12-24VDC Fail safe Monitored
DB25KPTO	Drop bolt 12-24VDC Fail secure Monitored

DB38
Electronic Deadbolt Lock - Heavy Duty

Offering the highest level of security with increased strength, primarily achieved by utilizing a larger diameter bolt pin, the DB38 is the preferred option when high physical strength is required.

Incorporating advanced design, quality and electronic ingenuity to provide a secure, yet versatile, door locking device suitable for use on any single or double acting door.

Features

- Automatic deadbolting
- 14.2mm diameter stainless steel bolt pin
- Anti-tailgate and Anti-tamper
- Auto-relock after 0/3/6/9 seconds
- Multiple attempts to lock and unlock
- Thermal overheating protection
- Reverse polarity and transient protection
- Dual monitoring with door and bolt position monitors
- Mortice mount horizontally or vertically, on single or double acting doors
- Surface mount with the aid of the DB38 accessories, including mounting onto glass

Specifications

Lock	203L x 37.5W x 44D(mm)
Short Strike - DBA173C	90L x 30W x 3D(mm)
Long Strike - DBA173G	203L x 37.5W x 3D(mm)
Housing - DBA174J	206L x 41W x49D(mm)
Dress Plate - DBA176J	210L x 0.7W x 50D(mm)
Holding Force	20,000N (2000Kg)
Voltage at Lock	12 - 24VDC +/-10%
Current Usage Holding Operating	230mA@12V, 90mA@24V 1.5A@12V, 1.4A@24V
Monitors Switches Bolt Position Door Position	25VDC,0.5A 100VDC, 0.5A
Endurance	Cycle tested to 1000000 operations
Materials	Plastics: POM, Stainless Steel: 304

Dimensions - Lock

| Part No.	Description
DB38PTL	Drop bolt 12-24VDC Fail safe Monitored
DB38PTO	Drop bolt 12-24VDC Fail secure Monitored

DB38L
Electronic Deadbolt Lock - Mag-latch

The DB38L brings together two critical features; the highest holding force of any of the door lock range of products and the innovative latching device designed to align the door.

First the magnetic latch ensures the correct positioning of the lock and strike before the DB38L activates and secures the door with its deadbolting pin.

Features

- Dual Action - magnetic latch to capture the door and deabolt to secure the door
- Automatic deadbolting
- 14.2mm diameter stainless steel bolt pin
- Anti-tailgate and Anti-tamper
- Auto-relock after 0/3/6/9 seconds
- Multiple attempts to lock and unlock
- Thermal overheating protection
- Reverse polarity and transient protection
- Dual monitoring with door and bolt position monitors
- Mortice mount horizontally or vertically, on single or double acting doors
- Surface mount with the aid of the DB38L accessories, including mounting onto glass
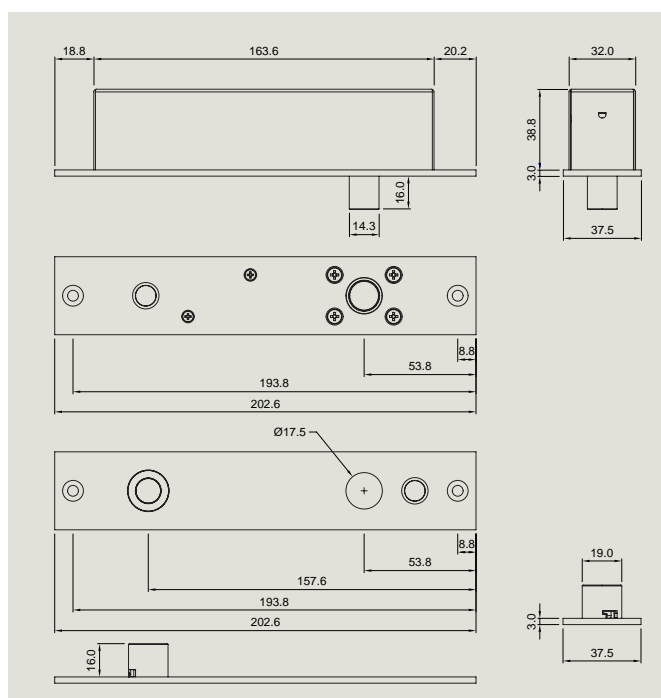
Specifications

Lock	203L x 37.5W x 44D(mm)
Long Strike - DBA183G	203L x 37.5W x 19D(mm)
Housing - DBA174J	206L x 41W x49D(mm)
Dress Plate - DBA176J	210L x 0.7W x 50D(mm)
Holding Force	20,000N (2000Kg)
Voltage at Lock	12 - 24VDC +/-10%
Current Usage Holding Operating	230mA@12V, 90mA@24V 1.5A@12V, 1.4A@24V
Monitors Switches Bolt Position Door Position	25VDC,0.5A 100VDC, 0.5A
Endurance	Cycle tested to 1000000 operations
Materials	Plastics: POM, Stainless Steel: 304

Dimensions - Lock

Part No.	Description
DB38LPTL	Drop bolt 12-24VDC Fail safe Monitored
DB38LPTO	Drop bolt 12-24VDC Fail secure Monitored

Drop Bolt
Accessories - DB25 Series

DBA103A
Short Strike
80L x 25W x 3D(mm)

DBA103E
Long Strike
210L x 25W x 3D(mm)

DBA104J
Housing
225L x 29W x46.5D(mm)

DBA106J
Dress Plate
225L x 0.7W x 50D(mm)

DBA133E
Long Round Hole Strike
210L x 25W x 3D(mm)

DBA143A
Short Round Hole Strike
140L x 25W x 3D(mm)

DBA143E
Long Round Hole Strike
280L x 25W x 3D(mm)

DBA144J
Bolt Housing
294L x 29W x46.5D(mm)

DBA145J
Strike Housing
294L x 29W x46.5D(mm

DBA146J
Dress Plate
294L x 0.7W x 50D(mm)

Part No.	Description
DBA103A	Short strike round for DB25
DBA103E	Long strike round for DB25
DBA104J	Housing DB25/DB25L
DBA106J	Dress plate for DB25/DB25L
DBA133E	Long round Hole Strike for DB25L
DBA143A	Short round hole strike for DB25K
DBA143E	Long round hole strike for DB25K
DBA144J	Housing for DB25K bolt
DBA145J	Housing for DB25K strike
DBA146J	Dress Plate for DB25K

Drop Bolt
Accessories - DB 38 Series

DBA173C
Short Round Hole Strike
90L x 30W x 3D(mm)

DBA173G
Long Round Hole Strike
203L x 37.5W x 3D(mm)

DBA174J
Housing
206L x 41W x49D(mm)

DBA176J
Dress Plate
210L x 0.7W x 50D(mm)

DBA183G
Long Round Hole Strike

Part No.	Description
DBA173C	Short round hole strike for DB38
DBA173G	Long round hole strike for DB38
DBA174J	Housing for DB38/DB38L
DBA176J	Dress Plate for DB38/DB38L
DBA183G	Long round hole strike for DB38L

KES100
Non Monitored Electric Strike

The KES100 Series ANSI electric strike is an economical choice, offering dual voltage 12/24V as standard and an interchangeable fail safe/fail secure feature.

It is constructed of solid zinc alloy housing, a stainless steel keeper and stainless steel face plate. Designed for use with large selection of morticed type locks and has a keeper depth of 16mm. Also included in the package is a 202mm long faceplate, making a single model suitable for all types of wooden, steel and aluminium door frames. Supplied as standard with trim plate to cover any damage to frame during installation.

Features
- Fail safe/fail secure interchangeable
- Dual voltage 12/24VDC
- 16mm keeper (allowing 19mm latch throw)
- Includes long face plate for timber frame installation
- Includes trim plate
- Holding force 700kgs (1500lbs)Specification
- Optional Lip extension brackets are available for wide door jamb

CE

Specifications

Short Face Plate	124L x 43.5W x 29.5D(mm)
Long Face Plate	202L x 43.5W x 29.5D(mm)
Operating voltage	12/24VDC
Voltage tolerance	+/-15%
Current draw	250mA/12VDC, 150mA/24VDC
Operating temperature	-10° C ~ +45°C
Humidity	0~95%
Latch throw	19mm
Material	Zinc alloy body stainless steel faceplate and keeper

Short Face Plate   Long Face Plate

Dimensions - Lock

Fail-secure when "2" is facing up

Fail-safe when "1" is facing up

Control Mode

Version Changeable

KESLP125   KESLP150
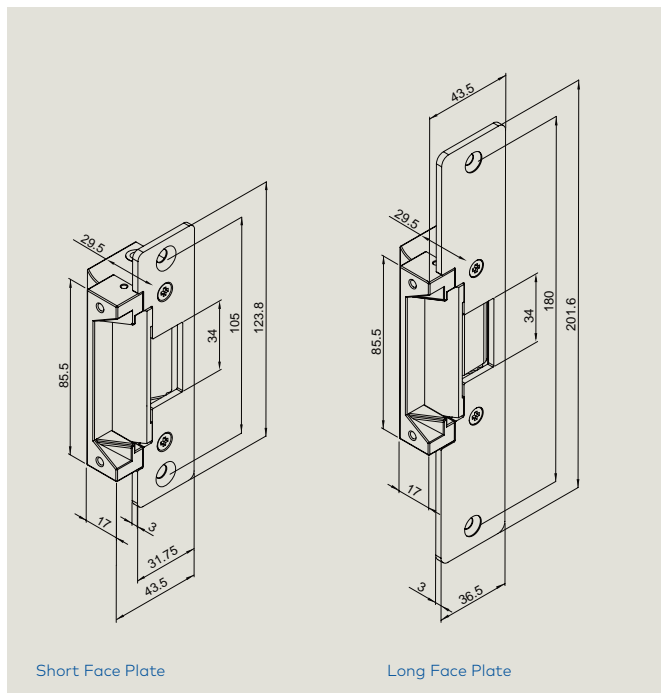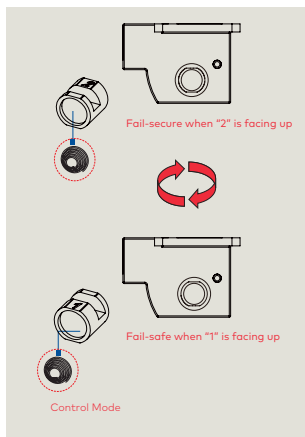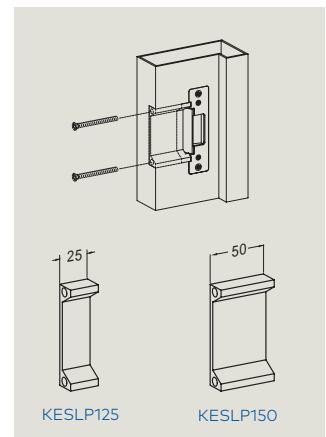
Optional Accessories

Part No.	Description
KES100	ANSI Sized Electric 12/24VDC, Non Monitored

Electric Strikes

KES1500
Rim Mounted Electric Strike

The KES1500 Series Rim Mounted Electric Strike is an economical choice, offering dual voltage 12/24V as standard and an interchangeable fail safe/fail secure feature.

It is constructed of a solid zinc alloy housing, stainless steel keeper and stainless steel face plate. Designed for use with a large selection of rim mounted lock types. Suitable for wood framed and hollow metal doors.

Features
• Fail safe/fail secure interchangeable
• Dual voltage 12/24V
• Suits latch depth up to 15mm
• Holding force: up to 900kg (2000lb)

Specifications

Lock	62L x 86W x 28.5D (mm)
Operating voltage	12/24VDC
Voltage tolerance	+/-15%
Current draw	0.25 A/12VDC: 0.15 A/24VDC (at temperature 20ºC)
Operating temperature	-10º C ~ +45ºC
Humidity	0~95% non-condensing
Cycle Tested	to 1 million cycles
Material	Zinc alloy body stainless steel faceplate & release lip

Dimensions - Lock

Wood Frame   Hollow Metal Frame
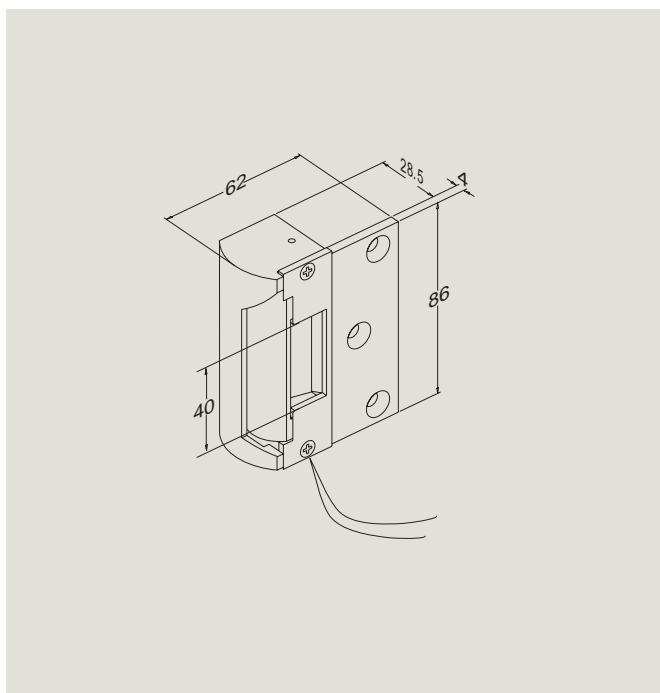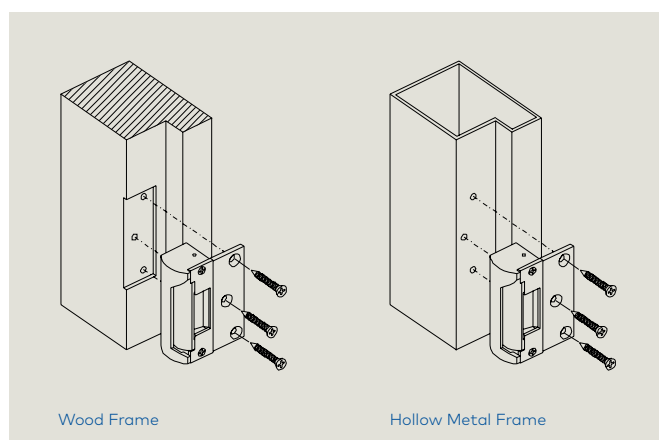
Typical Installation

Part No.	Description
KES1500	Rim Mounted Electric Strike 12/24VDC, Non Monitored

KES200Z
Non Monitored Electric Strike

The KES200Z Series is an economical electric strike, designed for use with a large selection of mortice, key in knob and key in lever type locks in both timber and metal frames.

The KES200Z also offers variable voltage from 12VAC/DC to 28VAC/DC as well as a fast and convenient interchangeable fail safe/fail secure function (changeable on site). The unit comes pre-drilled for the optional extension lips.Also included in package is an installation kit for metal frame installation.

Features

- Fail safe/fail secure interchangeable
- Variable voltage 12~28VAC/DC
- Suits latch depth up to 15mm
- Pre-drilled for optional extension lips
- Includes mounting tabs for metal frame
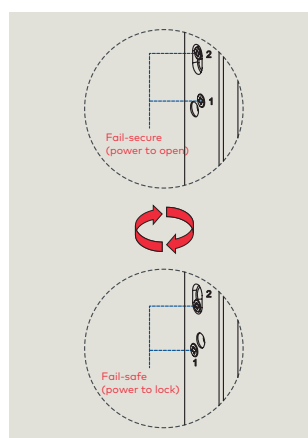- Optional Lip extension brackets are available for wide door jamb

CE
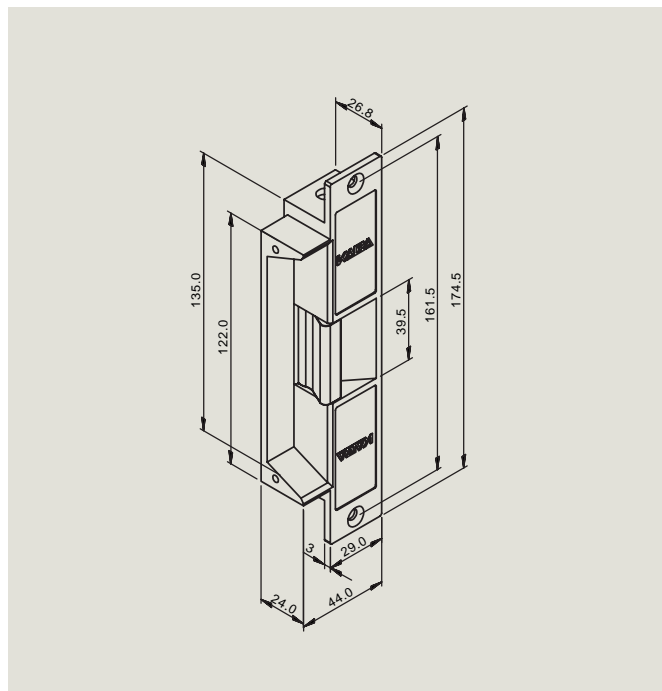
Specifications

Lock	175L x 44W x 27D(mm)
Operating voltage	12~28VAC/DC
Voltage tolerance	+/-15%
Current draw	12VDC/210mA, 24VDC/140mA (at temperature 20ºC)
Operating temperature	-10º C ~ +45ºC
Humidity	0-95% non-condensing
Cycle Tested	to 1 million cycles
Material	Zinc alloy housing stainless steel keeper

Dimensions - Lock
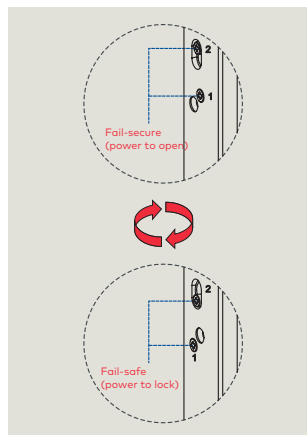
Version Changeable

Optional Accessories

KESLP2225   KESLP2250
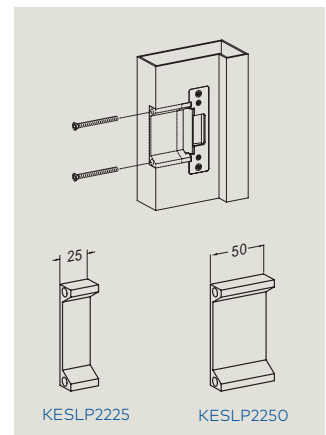
Part No.	Description
KES200Z	Electric Strike, Zinc Alloy 12~28VDC/AC, Non Monitored

Electric Strikes

KES2200
Fully Monitored Electric Strike

The KES2200 Series is a high security electric strike, offering a single model including switch monitoring of latch, keeper and solenoid, variable voltage from 12VDC/AC to 28VDC/AC, a fast and convenient interchangeable fail safe/fail secure function (changeable on site).

The construction of housing and keeper are of stainless steel and include pre-drilled holes for optional extension lips. Also included in package is an installation kit for metal frame installation.

Features

- Fail safe/fail secure interchangeable
- Variable voltage 12~24VDC
- Suits latch depth up to 15mm
- Monitored latch, keeper and solenoid
- Pre-drilled for optional extension lips
- Includes mounting tabs for metal frame
- Solid stainless steel construction
- Optional Lip extension brackets are available for wide door jamb

Specifications

Lock	175L x 44W x 27D(mm)
Operating voltage	12~24VDC
Voltage tolerance	+/-15%
Current draw	12VDC/190mA, 24VDC/130mA (at temperature 20°C)
Latch/Keeper Micro Switch Rating	1A/125VAC
Operating temperature	-10° C ~ +45°C
Humidity	0-95% non-condensing
Cycle Tested	to 1 million cycles
Material	stainless steel housing and keeper

Dimensions - Lock

Version Changeable

KESLP2225   KESLP2250
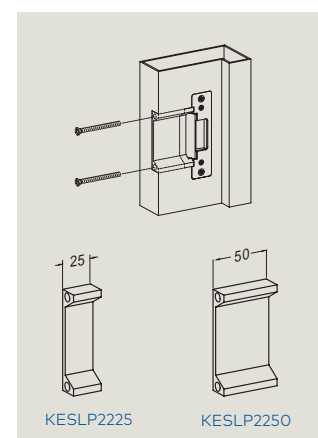
Optional Accessories

Part No.	Description
KES2200	Electric Strike, Heavy duty 12~28VDC/AC, Monitored

Electric Strikes
Accessories

KESLP125
Lip Extension 25mm

KESLP150
Lip Extension 50mm

KESLP2225
Lip Extension 25mm

KESLP2250
Lip Extension 50mm

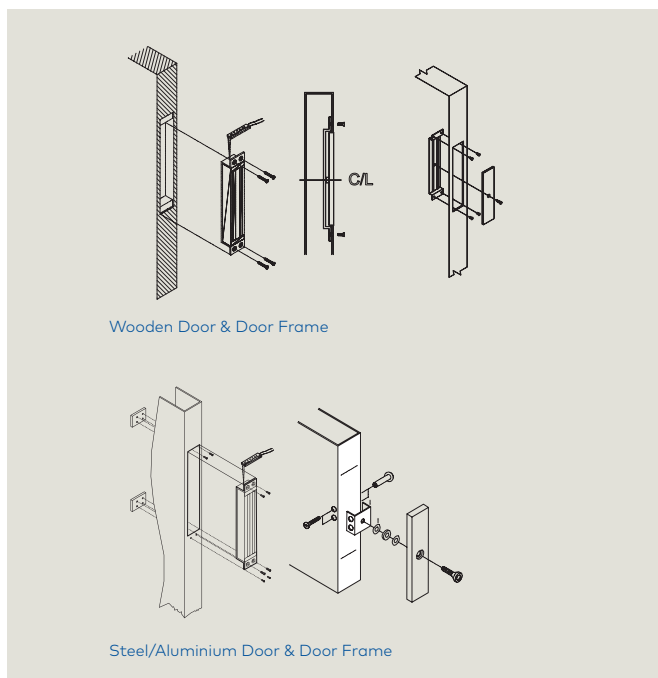| Part No.	Description
KESLP125	Lip Extension 25mm, suit KES100
KESLP150	Lip Extension 50mm, suit KES100
KESLP2225	Lip Extension - 25mm, suit KES2200 Electric Strike
KESLP2250	Lip Extension - 50mm, suit KES2200 Electric Strike

KML-2
Morticed Type Electromagnetic Lock

The KML-2 is a morticed type electromagnetic lock which can be used on single and double sliding doors.

It has a holding force 270KGS and dual voltage with both lock and door sensor. It also features a built-in voltage spike suppressor and is C-Tick, UL Listed and CE approved.

Features
- Mortised Type - Single Door, Sliding Door and Double Action Door
- Built-in Voltage Spike Suppressor
- Lock Sensor (hall effect IC)
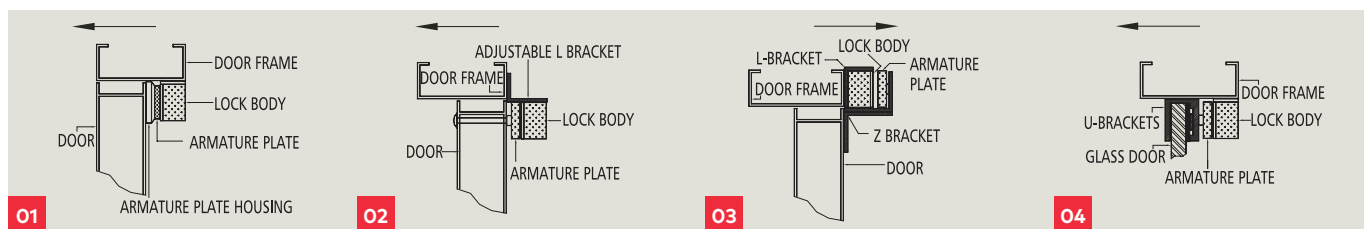- Door Sensor
- Anti Residual magnetism device (ARM)

Specifications

Lock	250L x 47W x 25D(mm)
Holding Force	2,700N (270Kg)
Voltage	12/24VDC
Current draw	500mA/12VDC, 250mA/24VDC
Material	Brushed anodized aluminium housing Zinc plated steel armature

Wooden Door & Door Frame

Steel/Aluminium Door & Door Frame

Typical Installation

Installation Positions - Double Doors

Applications

| Part No.	Description
KML-2	EML 270KG Mortised type Single/Sliding/Double Action Door

Electromagnetic

KML-2H
Electromagnetic Lock

The KML-2H is a surface mounted electromagnetic lock which can be used on single or double doors.

It has a holding force 270KGS and dual voltage with both lock and door sensor. It also features a built-in voltage spike suppressor and an LED Monitor. It is C-Tick, UL Listed and CE approved, with a 2 hour fire rating.

Features

- Surface Mounted - Single and Double Doors
- Built-in Voltage Spike Suppressor
- LED Monitor
- Lock Sensor (hall effect IC)
- Door Sensor
- Anti Residual magnetism device (ARM)

Typical Installation

Specifications

Lock	250L x 47W x 25D(mm)
Holding Force	2,700N (270Kg)
Voltage	12/24VDC
Current draw	500mA/12VDC, 250mA/24VDC
Material	Brushed anodized aluminium housing Zinc plated steel armature

Installation Positions - Double Doors

01
Use B0011
Armature Plate Housing

02
Use B1011
L Adjustable Bracket

03
Use B1012
L & Z Bracket

04
Use U185
U Bracket for Glass Door

Part No.	Description
KML-2H	EML 270KGS Surface Mounted/Single Door

Electromagnetic

KML-6
Electromagnetic Lock

The KML-6 is a surface mounted electromagnetic lock which can be used on single or double doors.

It has a holding force 540KGS and dual voltage with both lock and door sensor. It also features a built-in voltage spike suppressor and is CTick, UL Listed, CE approved and has a 2 hour fire rating.
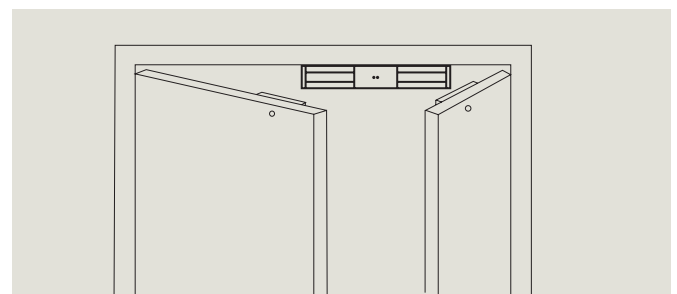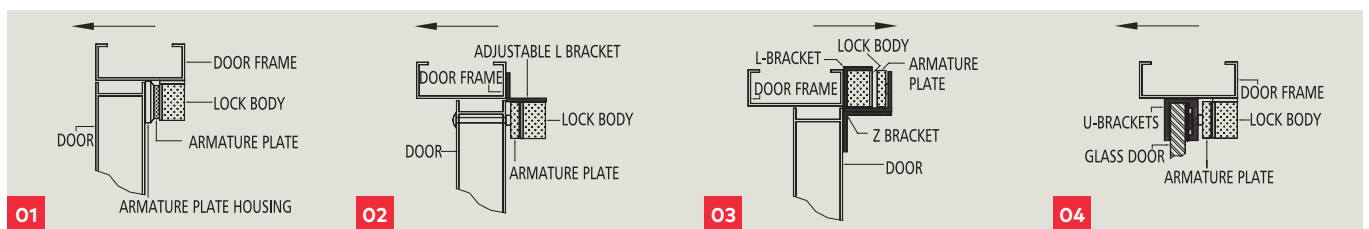
Features
- Surface Mounted - Single and Double Doors
- LED Monitor
- Built-in Voltage Spike Suppressor
- Lock Sensor (hall effect IC)
- Door Sensor
- Anti Residual magnetism device (ARM)
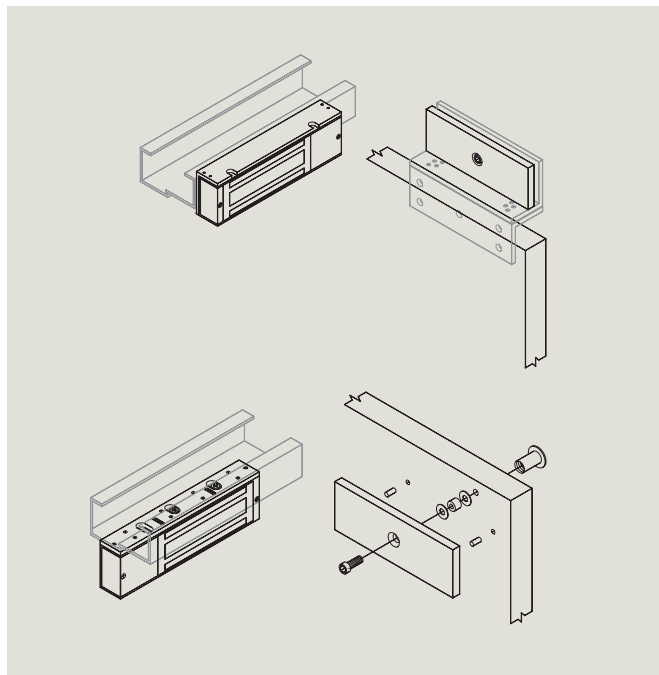
Typical Installation

Specifications

Lock	*266L x 73W x 40D(mm) *including mounting plate
Holding Force	5,400N (540Kg)
Voltage	12/24VDC
Current draw	500mA/12VDC, 250mA/24VDC
Material	Brushed anodized aluminium housing Zinc plated steel armature

Installation Positions - Double Doors

01
Use B0001
Armature Plate Housing

02
Use B1001
L Adjustable Bracket

03
Use B1002
L & Z Bracket

04
Use U185
U Bracket for Glass Door

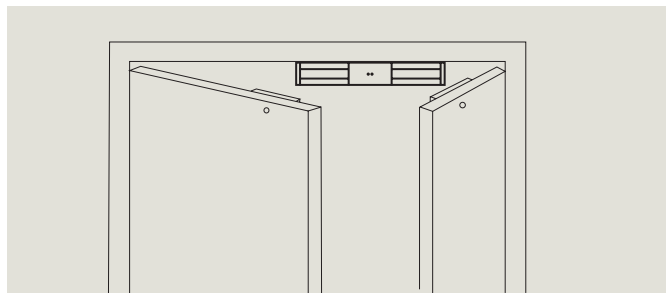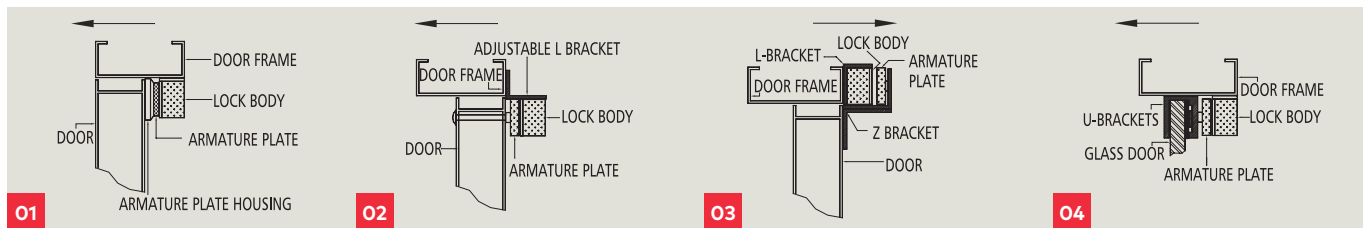| Part No.	Description
KML-6	EML 540KGS Surface Mounted / Single Door

Electromagnetic

KML-10
Electromagnetic Lock

The KML-10 is a surfec mounted double electromagnetic lock which can be used for double doors.

It has a holding force 540KGS and dual voltage with both lock and door sensor. It also features a built-in voltage spike suppressor and is C-Tick, UL Listed, CE approved and has a 2 hour fire rating.

Features
- Surface Mounted - Single and Double Doors
- LED Monitor
- Built-in Voltage Spike Suppressor
- Hall Effect Monitoring
- Lock Sensor (hall effect IC)
- Door Sensor
- Anti Residual magnetism device (ARM)
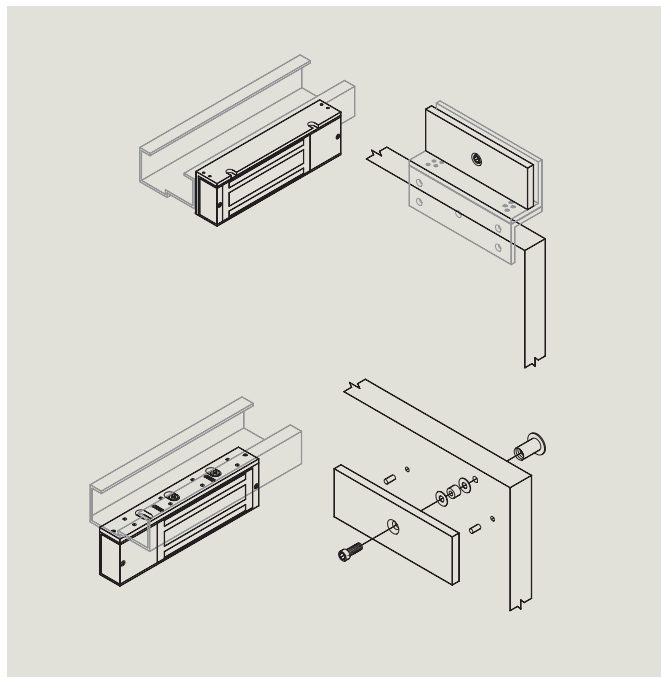
Specifications

Lock	*532L x 73W x 40D(mm) *including mounting plate
Holding Force	5,400N (540Kg)
Voltage	12/24VDC
Current draw	500mA/12VDC, 250mA/24VDC
Material	Brushed anodized aluminium housing Zinc plated steel armature

Typical Installation

Installation Positions - Double Doors
Note: For double door applications select 2 of each accessory.

01
DOOR FRAME
LOCK BODY
DOOR
ARMATURE PLATE
ARMATURE PLATE HOUSING

01
Use B0001
Armature Plate Housing

02
ADJUSTABLE L BRACKET
DOOR FRAME
LOCK BODY
DOOR
ARMATURE PLATE

02
Use B1001
L Adjustable Bracket

03
LOCK BODY
L-BRACKET
ARMATURE PLATE
DOOR FRAME
Z BRACKET
DOOR

03
Use B1002
L & Z Bracket

04
DOOR FRAME
U-BRACKETS
LOCK BODY
GLASS DOOR
ARMATURE PLATE

04
Use U185
U Bracket for Glass Door

| Part No.	Description
KML-10	EML 540KGS x2 Surface Mounted / Double Door

Electromagnetic

KML-CCW30
Electromagnetic Lock

The KML-CCW30 is a surface mounted electromagnetic lock which can be used on single or double doors.
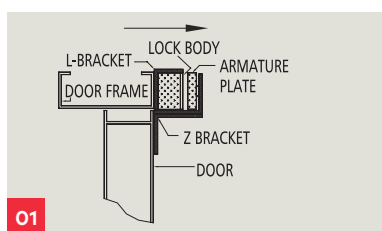
It has a holding force 135KGS and dual voltage with lock sensor. It also features a built-in voltage spike suppressor and is C-Tick, UL Listed and CE approved, with a 2 hour fire rating.

Features
- Surface Mounted - Single and Double Doors
- Built-in Voltage Spike Suppressor
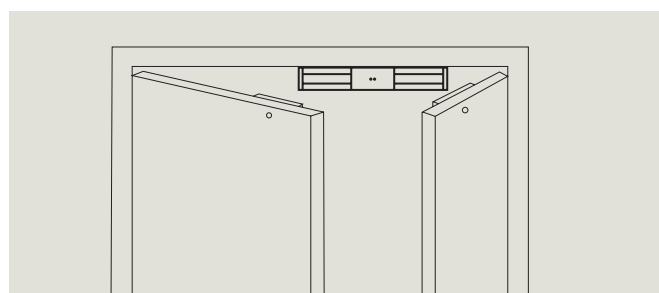- LED Monitor
- Lock Sensor (hall effect IC)
- Door Sensor
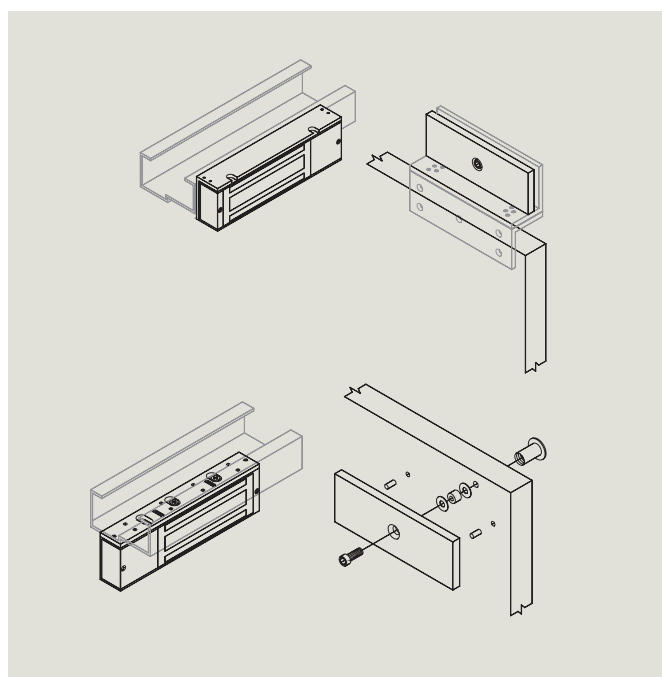
Typical Installation

Specifications

Lock	*165L x 38.5W x 21D(mm) *including mounting plate
Holding Force	1350N (135Kg)
Voltage	12/24VDC
Current draw	360mA/12VDC, 180mA/24VDC
Material	Brushed anodized aluminium housing Zinc plated steel armature

Installation Positions - Double Doors

01
Use B1022
L & Z Bracket

| Part No.	Description
KML-CCW30	EML 135KGS Surface Mounted / Single Door

Electromagnetic

KML-CCW30F
Morticed Type Electromagnetic Lock

The KML-CCW30F is a morticed type electromagnetic lock which can be used for single and double sliding action doors.

It has a holding force of 135KGS and dual voltage with lock sensor. It also features a built-in voltage spike suppressor and is UL Listed and CE approved.

Features
- Mortised Type - Single Door, Sliding Door and Double Action Door
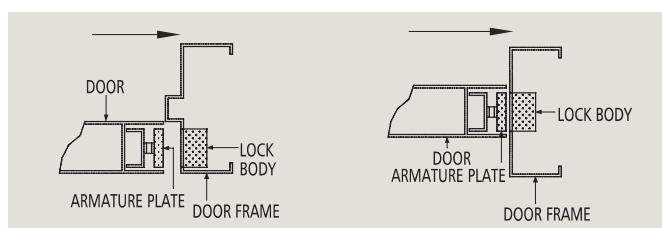- Built-in Voltage Spike Suppressor
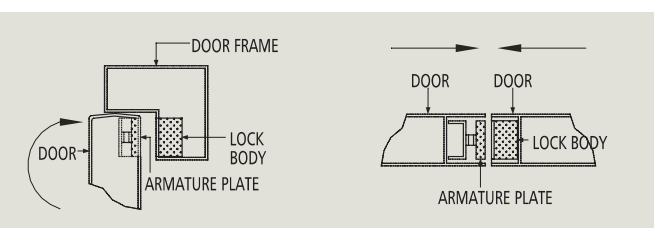- Lock Sensor (hall effect IC)
- Door Sensor

Wooden Door & Door Frame

Steel/Aluminium Door & Door Frame

Typical Installation
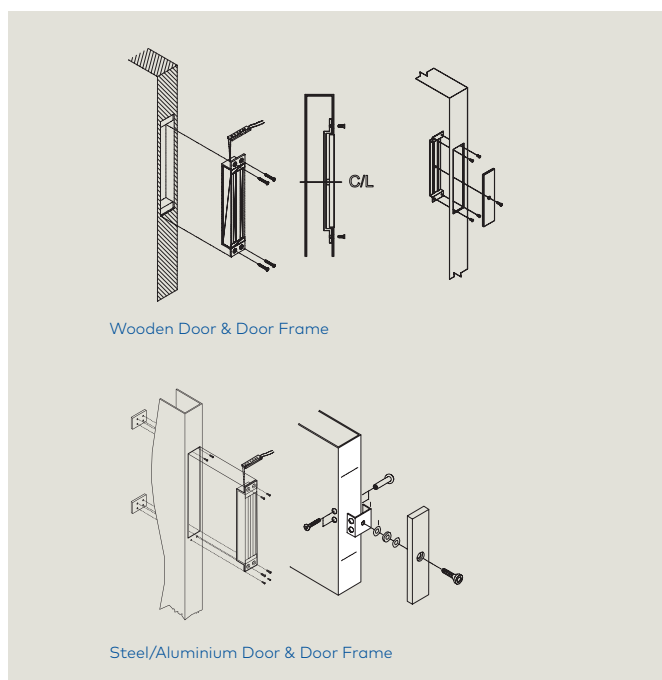
Specifications

Lock	202L x 34.5W x 21D(mm)
Holding Force	1350N (135Kg)
Voltage	12/24VDC
Current draw	360mA/12VDC, 180mA/24VDC
Material	Brushed anodized aluminium housing Zinc plated steel armature
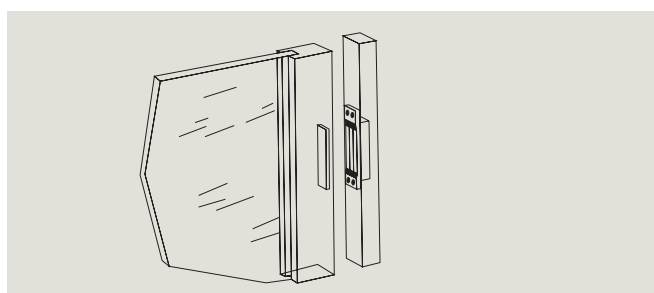
Installation Positions - Double Doors

Applications

Part No.	Description
KML-CCW30F	EML 135KGS Mortised Type / Single Door / Sliding Door / Double Action Door

Electromagnetic

Electromagnetic
Accessories

B0001
Armature Plate Housing

B0011
Armature Plate Housing

B1001
L Adjustable Bracket

B1002
L & Z Bracket

B1011
L Adjustable Bracket

B1012
L & Z Bracket

B1022
L & Z Bracket

U-185
U Bracket

| Part No.	Description
B0001	Armature plate housing for KML-6 & KML-10 (x2) series
B0011	Armature Plate housing for KML-2H series
B1001	L Adjustable bracket for KML-6 & KML10 (x2) series
B1002	L & Z Bracket for KML-6 & KML10 (x2) series
B1011	L Adjustable Bracket for KML-2H series
B1012	L & Z Bracket for KML-2H series
B1022	L & Z Bracket for KML-CCW30 series
U185	U Bracket Glass Door

RD10
Electronic Roller Door Lock

The RD10 is the ultimate security for large doors and shutters.

The electronic roller door lock combines the features found in traditional electronic locks, with the physical strength and function required to secure roller doors of any shape and size.
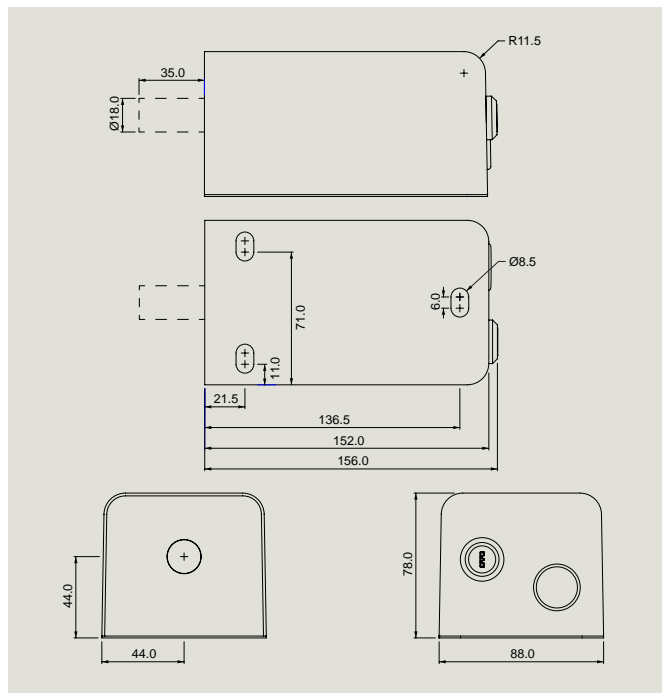
Features

- Automatic deadbolting, 18mm diameter stainless steel bolt pin
- Keyed access to manual override
- Variable voltage from 12VDC – 24VDC
- Complete control and monitoring of the lock through the integrated electronics
- Selectable timed re-lock after 1 minute
- Multiple attempts to lock and unlock
- User selectable fail safe / fail secure operation
- Anti-tamper and selectable instant auto-relock when desired
- Versatile installation with internal horizontal or vertical installation
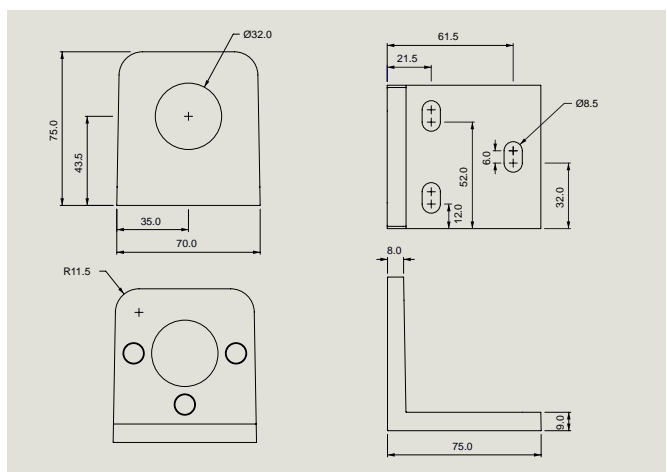- Can be integrated with access control and alarm systems
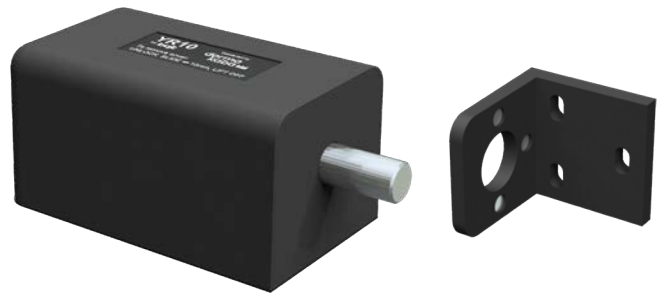
Specifications

Lock	152L x 88W x 78D(mm)
L Strike	75L x 75W x 70D(mm)
Holding Force	30,000N (3000Kg)
Bolt Pin	Stainless Steel, ø18mm, 35mm stroke
Feedback	Audible beeper for locked / unlocked and failed alarm
Voltage at Lock	12 - 24VDC +/-10%
Current Usage Holding Operating Stall	<50mA@12V, <15mA@24V <300mA@12V, <200mA@24V <2A@12V, <1A@24V
Monitors Switches Bolt Position Door Position	60VDC, 0.2A 100VDC, 0.5A
Materials	Aluminium: A380 Stainless Steel: 304l
Endurance	Cycle tested to 1000000 operations

Dimensions - Lock

Dimensions - Strike

Part No.	Description
RD10	RD10 Roller door lock 12-24VDC Monitored
RDA703	RDA703 Strike plate for RD10/GL10

GL10
Electronic Gate Lock

The GL10 is designed to secure vehicle and pedestrian gates.

Extremely high physical strength is critical but it's the ease of control and connectivity to access control systems that really stands out against its competition. A fully monitored, weather resistant product ensures the perfect outdoor locking solution.
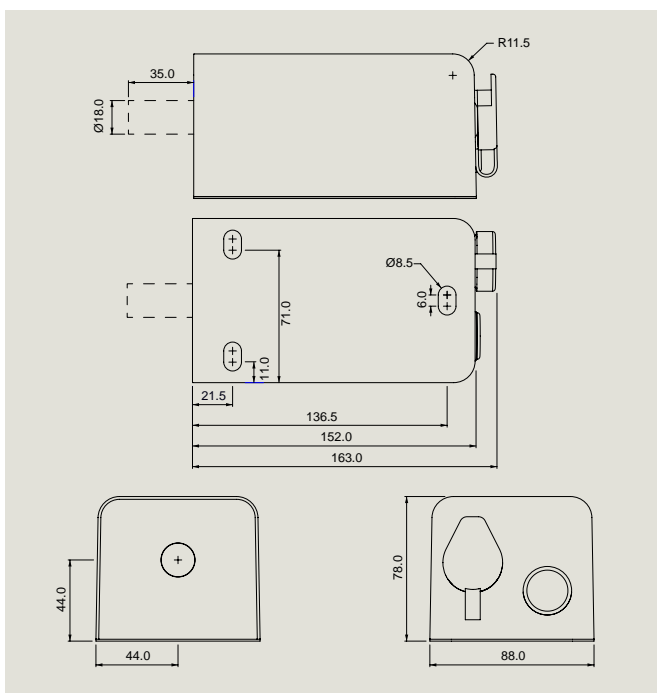
Features

- Automatic deadbolting, 18mm diameter stainless steel bolt pin
- Keyed access to manual override
- Suitable for outdoor use with an IP65 rating.
- Powdered coated aluminium body and cover.
- Variable voltage from 12VDC – 24VDC
- Complete control and monitoring of the lock through
- Selectable timed re-lock after 1 minute
- Multiple attempts to lock and unlock
- User selectable fail safe / fail secure operation
- Anti-tamper and selectable instant auto-relock when desired
- Versatile installation with internal horizontal or vertical installation
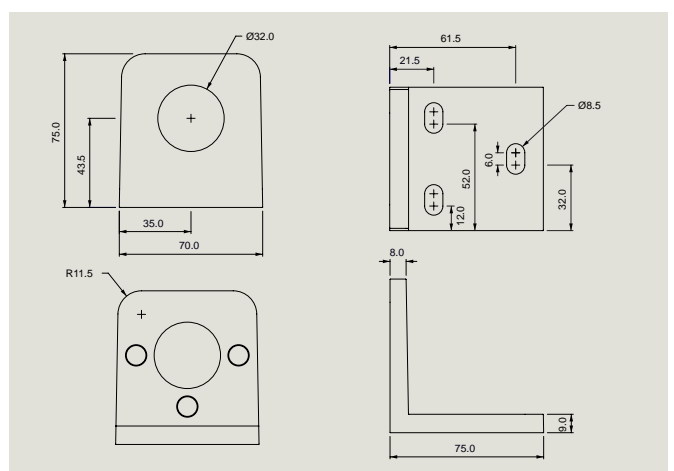- Can be integrated with access control and alarm systems

Specifications

Lock	164L x 88W x 78D(mm)
L Strike	75L x 75W x 70D(mm)
Holding Force	30,000N (3000Kg)
Bolt Pin	Stainless Steel, ø18mm, 35mm stroke
Feedback	Audible beeper for locked / unlocked and failed alarm
Voltage at Lock	12 - 24VDC +/-10%
Current Usage Holding Operating Stall	<15mA@12V, <15mA@24V <300mA@12V, <200mA@24V <2A@12V, <1A@24V
Monitors Switches Bolt Position Door Position	60VDC, 0.2A 100VDC, 0.5A
Materials	Aluminium: A380 Stainless Steel: 304l
Endurance	Cycle tested to 1000000 operations

Dimensions - Lock

Dimensions - Strike

Part No.	Description
GL10	GL10 Gate lock 12-24VDC Monitored
RDA703	RDA703 Strike plate for RD10/GL10

KML-5000G
Electromagnetic Gate Lock

The KML-5000G is a surface mounted electromagnetic gate lock which can be used on single, double doors and gates.

It has a holding force of 540KGS and dual voltage with lock sensor. It also features a built-in voltage spike suppressor and is C-Tick, UL Listed and CE approved.
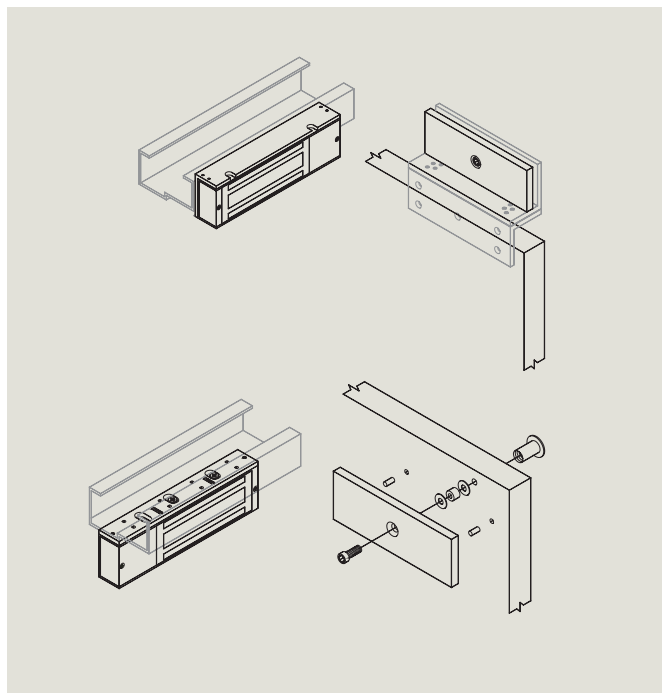
Features
- Surface Mounted - Single Door and Sliding Doors
- Built-in Voltage Spike Suppressor
- Lock Sensor (reed switch)

Specifications

Lock	203L x 63W x 40D(mm)
Holding Force	5,400N (540Kg)
Voltage	12/24VDC
Current draw	500mA/12VDC, 250mA/24VDC
Material	Stainless Steel Housing Weather Proof

Typical Installation

Part No.	Description
KML-5000G	EML Gatelock EML 540KGS

DL200 and DL350
Cable Transfers - Surface Mounted

The DL200 and DL350 Surface Mount Door Loop (Cable Transfer) are designed to allow a flexible connection to be made from the door frame to door whilst protecting the wiring from pinching or cutting.

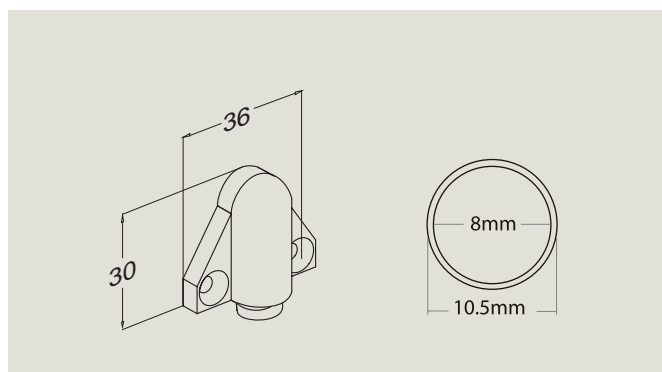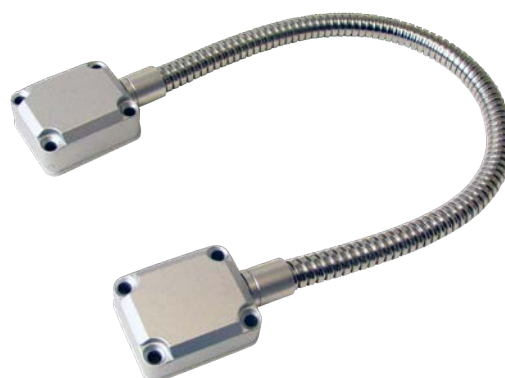Suitable for use in Access Control Systems and Alarms.

DL200 - Plastic Mount

Features
- Length: 40cm
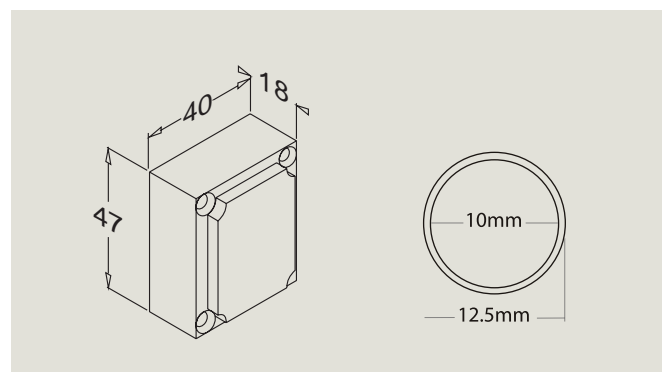- Triangle Plastic Sleeve
- Surface Mount

DL350 - Aluminium Mount

Features
- Length: 40cm
- Square Aluminium Sleeve
- Surface Mount

Dimensions

Dimensions

Part No.	Description
DL200	Cable Transfer 400mm, Triangle Plastic Mount
DL350	Cable Transfer 400mm, Square Aluminium Mount

DL400
Cable Transfers - Mortice Mounted

The DL400 Mortice Mounted Door Loop (Cable Transfer) is a convenient solution to transfer wiring from a hinged door frame to a door.

The DL400 provides an attractive solution to completely conceal the wiring when the door is closed, whilst protecting from pinching or cutting.

Suitable for use in Access Control Systems and Alarms.

Features

- Designed to ensure the unbroken transfer of cable between door and frame.
- Concealed when the door is shut.
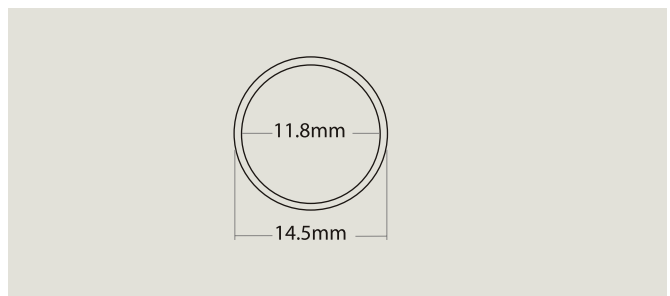- Fits timber or aluminium doors.

Specifications

Dimensions	290L x 24.563W (mm)
Cable Diameter	11.8mm maxium
Door Opening	90 to 120 degree
Current draw	500mA/12VDC, 250mA/24VDC
Material	Chrome Plate Finish
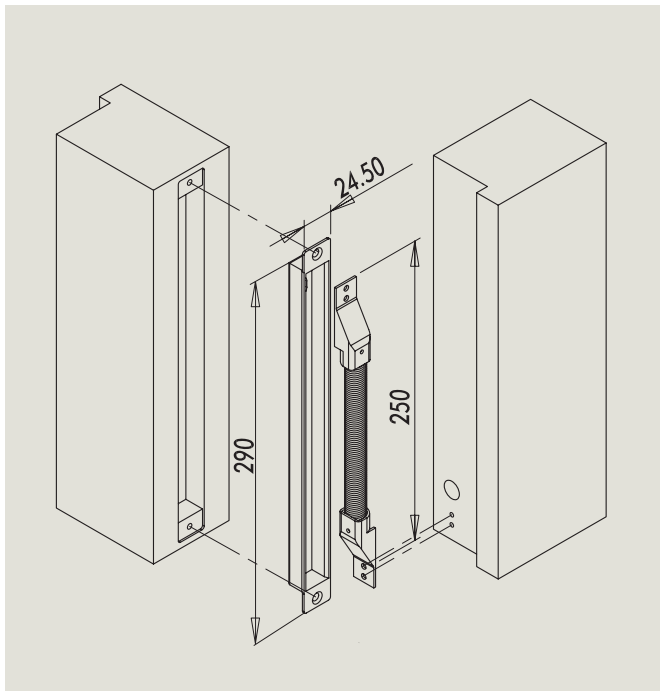
Dimensions

Part No.	Description
DL400	Cable Transfer 290mm, Mortice Mount

Notes

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