

FIRE RATED

ACCESS CONTROL

ADDITIONAL EQUIPMENT



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# SETTING THE STANDARD IN ACCESS CONTROL

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ISSUE 19

EXIT DEVICES

ELECTRIC LOCKING

AUDIO & VIDEO ENTRY



# SETTING THE STANDARD IN ACCESS CONTROL



# "Welcome from ICS Security Solutions."

*We're importers and manufacturers of security equipment with over 50 of years industry knowledge including over 15 years of on-site installation experience.*

ICS customer support is here to help you every step of the way with team members ready to help you with your query, by telephone, email or fax. ICS's dedicated customer support telephone lines are open Monday to Friday 9.00am to 5.00pm. We treat every customer as a priority. This means that you can continue with your day to day work safe in the knowledge that we are rapidly responding to your request.



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**The Security Event**  
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Birmingham.



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in London.



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# FR-ML350

## Monitored Electric Lock

- FD30 + FD60 Rating
- Operating voltage 12Vdc  
(24Vdc available to order)
- Stainless Steel
- Fail-safe
- 1500lbs holding force
- 500lbs side-load
- 1 Hour UK fire certificate



BS EN1634:1



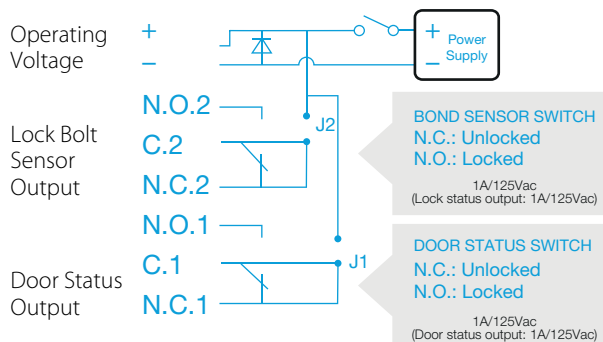
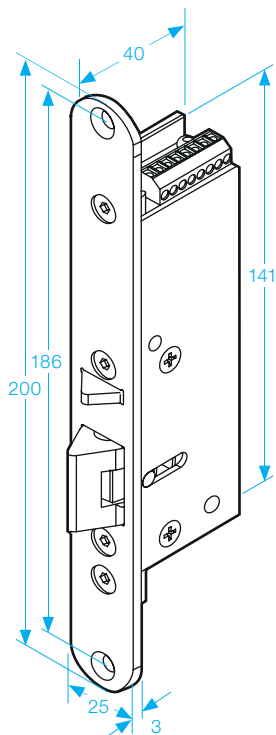
STAINLESS  
STEEL



500 LBS  
SIDELOAD



UK FIRE  
TESTED



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 280mA at 12Vdc, 140mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Solenoids tested to 250,000 cycles.
- Weight: 673g (approx).

# FR-GK231M-L LEFT HAND

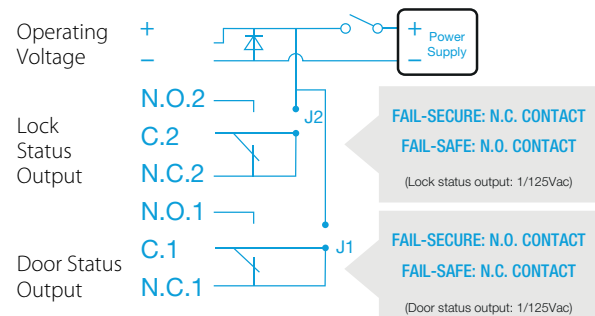
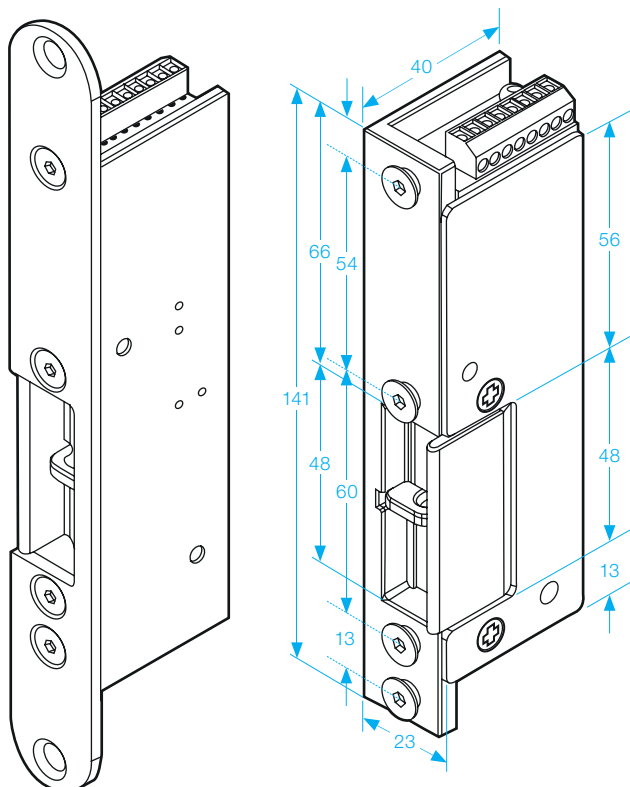
# FR-GK231M-R RIGHT HAND

## Monitored Electric Release

- FD30 + FD60 Rating
- Operating voltage 12Vdc  
(24Vdc available to order)
- Stainless Steel
- Fail-Safe
- 1500lbs holding force
- 500lbs side-load
- 1 Hour UK fire certificate



BS EN1634:1

STAINLESS  
STEEL

### SPECIFICATION

- Voltage tolerance:  $\pm 20\%$ .
- Current draw: 280mA at 12Vdc, 140mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Life rating of solenoid valve: 250,000 cycles.
- Keeper width: 48mm.
- Latch throw: 15mm.
- Material: Stainless Steel.
- 1500lbs jaw strength pull testing.
- Weight: 673g

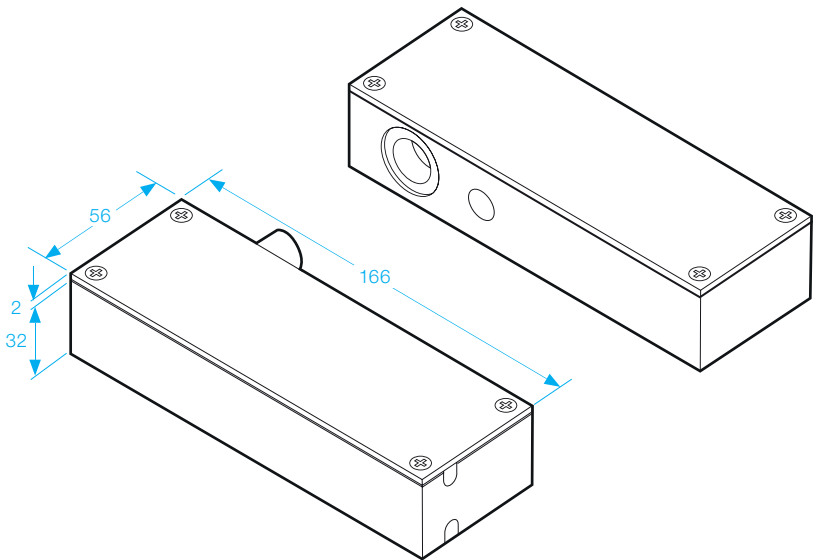
# FR-EB300

## Electric Dropbolt

- FD30 + FD60 Rating
- Operating voltage 12Vdc
- Fail-Safe (*Power to Lock*)
- Auto-relocking timer delay:  
0, 3, 6 and 9 seconds
- 1 Hour UK fire certificate

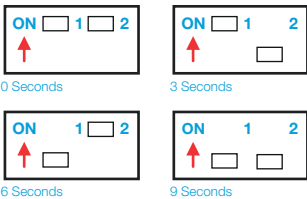


BS EN1634:1



### AUTO RELOCKING TIMER SETTINGS

Use jumpers to adjust the time between 0 to 9 seconds for door locking time delay. This is the time, which takes the dropbolt to automatically lock after the door is closed.



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: Pull in 0.9A, Holding 0.3A at 12Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Door position status output indicates door opened or closed status (Reed rated 0.25A at 30Vdc).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Tested to 500,000 cycles
- Weight: 1.2kg (approx).



# FR-GD650S-12 12 VDC

# FR-GD650S-24 24 VDC

## Door Retaining Magnet

- FD30 + FD60 Rating
- Stainless Steel
- Electrically tested: BS EN1155
- Operating voltage 12 or 24Vdc
- Up to 70lbs (32kg) holding force
- Over-ride switch
- Flush mount
- 1 Hour UK fire certificate



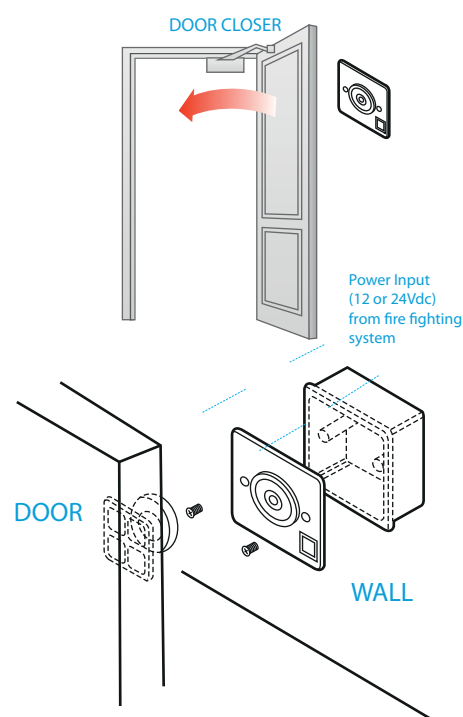
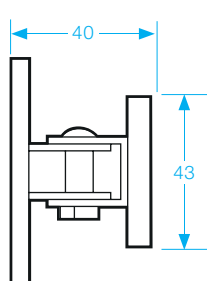
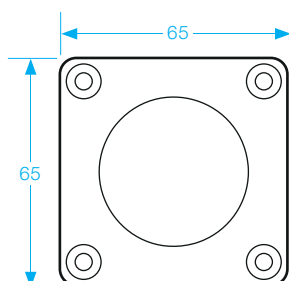
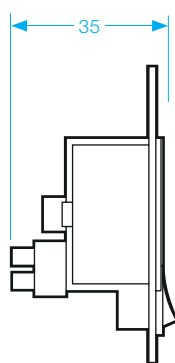
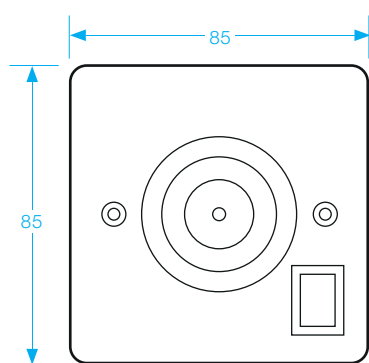
STAINLESS  
STEEL



BS EN1634:1



BS EN1155



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 150mA at 12Vdc, 70mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Humidity: 0~95% non-condensing.
- Weight: 380g (approx).

# FR-GD830F-12 12 VDC

# FR-GD830F-24 24 VDC

## Door Retaining Magnet

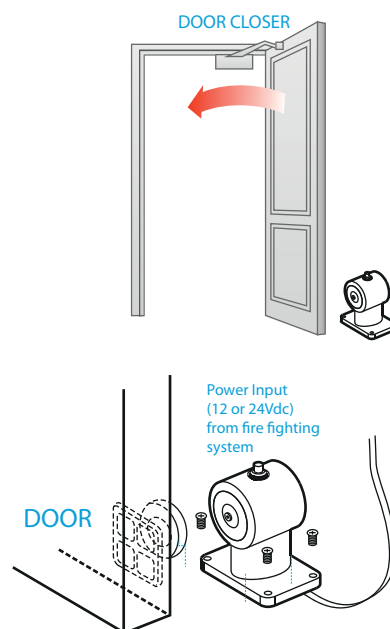
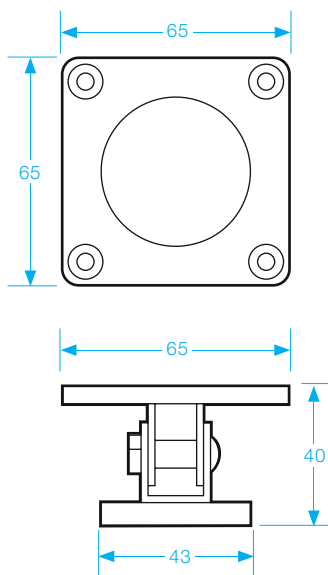
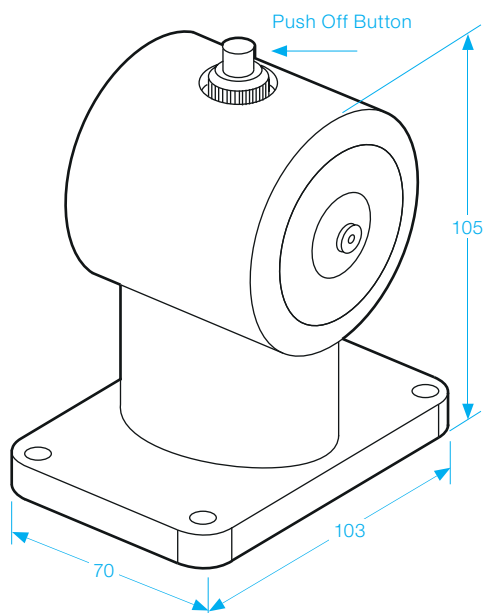
- FD30 + FD60 Rating
- Operating voltage 12 or 24Vdc
- Black powder-coat finish
- Up to 80lbs (36kg) holding force
- Electrically tested - BS EN1155
- Over-ride switch
- Floor mount
- 1 Hour UK fire certificate



BS EN1634:1



BS EN1155



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 130mA at 12Vdc, 60mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Humidity: 0~95% non-condensing.
- Weight: 380g (approx).

# FR-GD830S-12 12 VDC

# FR-GD830S-24 24 VDC

## Door Retaining Magnet

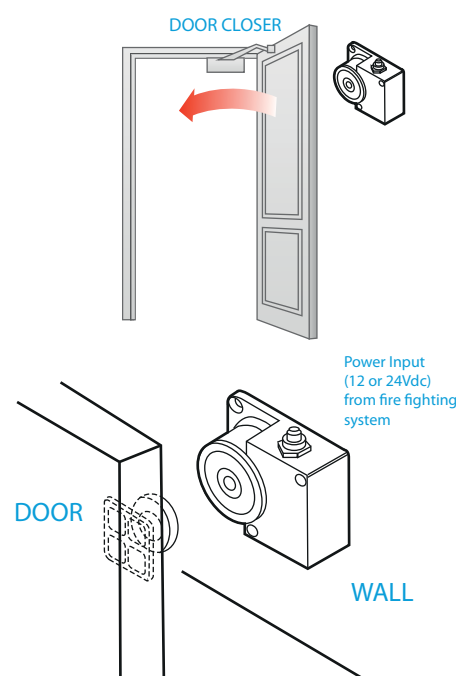
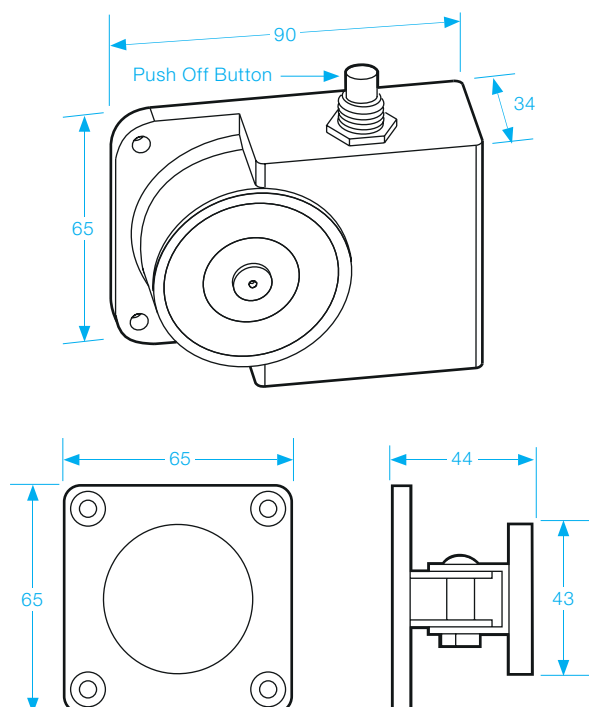
- FD30 + FD60 Rating
- Operating voltage 12 or 24Vdc
- Black powder-coat finish
- Up to 80lbs (36kg) holding force
- Electrically tested: BS EN1155
- Over-ride switch
- Surface mount
- 1 Hour UK fire certificate



BS EN1634:1



BS EN1155



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 130mA at 12Vdc, 60mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Humidity: 0~95% non-condensing.
- Weight: 380g (approx).

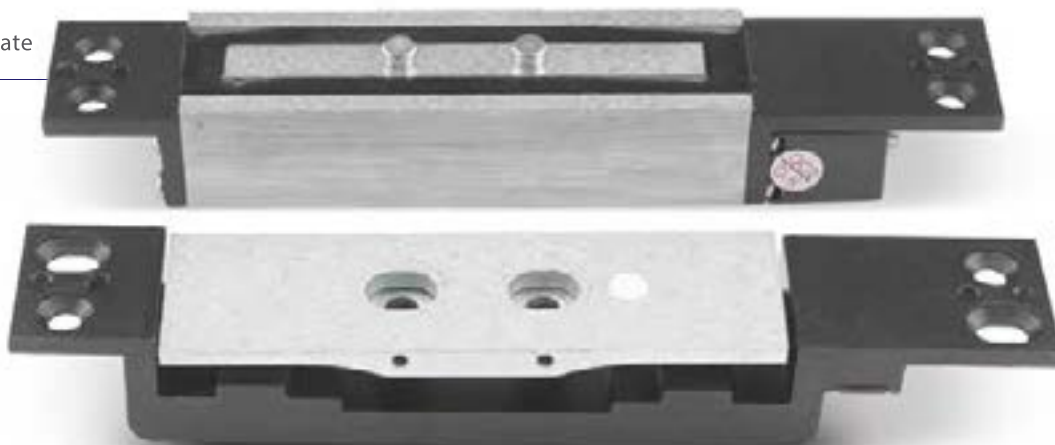
# FR-SL500

## Micro Shear-Lock

- FD30 + FD60 Rating
- Operating voltage 12~24Vdc
- Holding force up to 2,600lbs (1,200Kg) in shear
- Locking time delay: 0.5 to 25 seconds (*Adjustable*)
- N.C/N.O/Com
- 1 Hour UK fire certificate

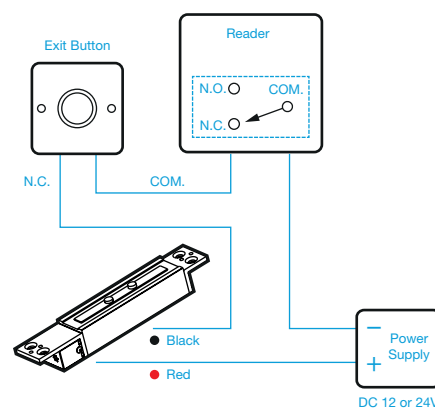
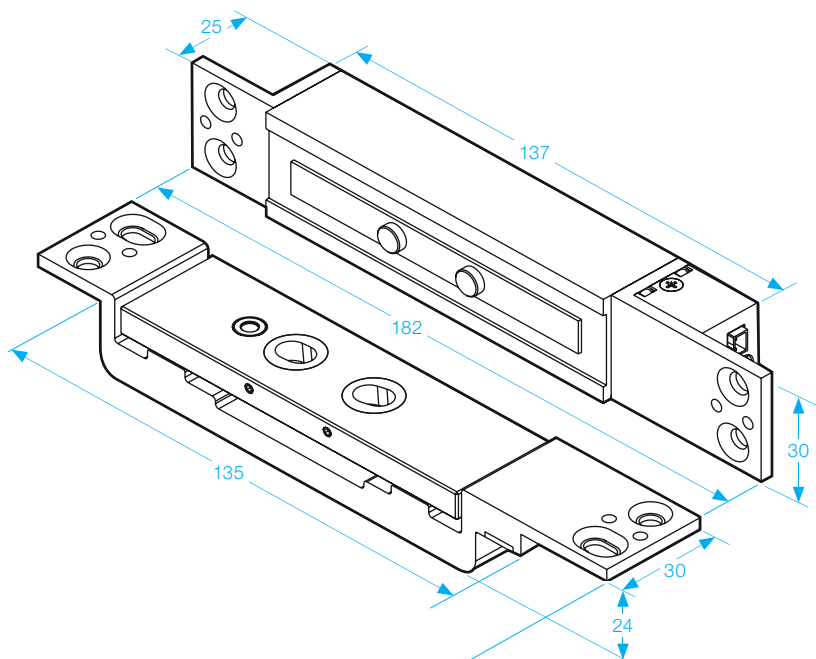


BS EN1634:1



**This product must be fitted with the intumescent pack provided**

### INTUMESCENT PACK





**TO ORDER**

# You're safe ordering with ICS Security Solutions?

*ICS are importers and manufacturers of security equipment. We have over 50 years of knowledge and experience in the industry, including 15 years of working onsite in installation environments.*



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Contact our dedicated technical and sales team by any of the means below before 4pm, and your order will be dispatched on our next day Standard Delivery Service to be with you by 6pm.



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**Fax: 01604 859545**



**Email: [orderline@icssecurity.co.uk](mailto:orderline@icssecurity.co.uk)**



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NOTE: All prices for packages up to 60kg.

Please call ICS for our most up to date Standard and Express delivery charges.

*"Setting the Standard in Access Control"*

# FR-U10001

## Unmonitored Mini Magnet

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 600lbs (272Kg)
- Electro-less nickel plated armature
- Fail-Safe
- 1 Hour UK fire certificate



BS EN1634:1



### OPTIONS

300BP



U320M



U300ZL



300ZLDC



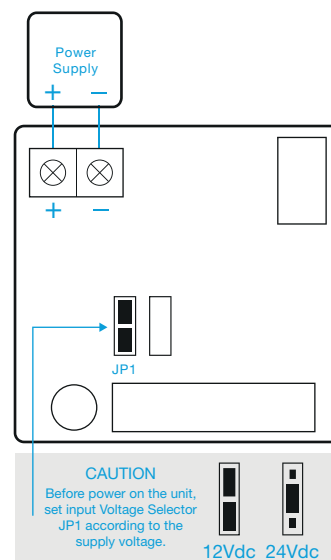
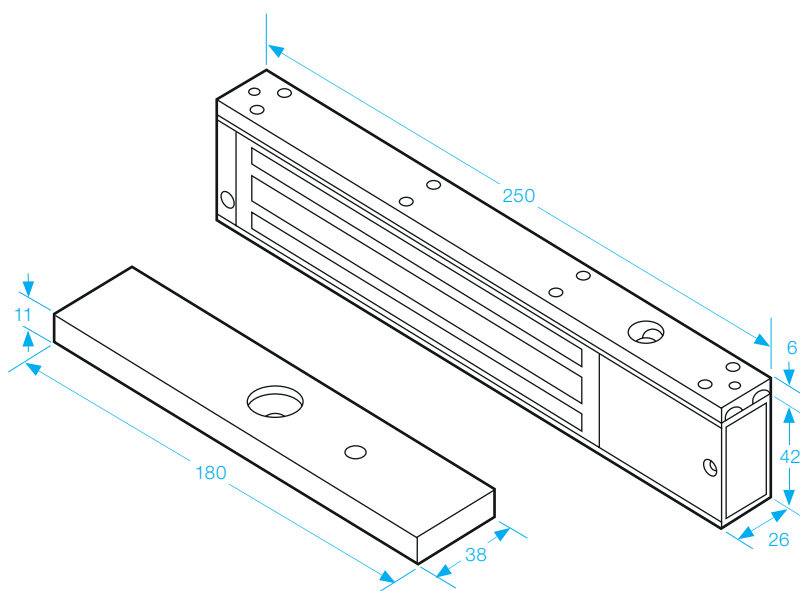
U300AL



UGDB14



LD-MM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 2.0kg (approx).

# FR-U10001DSU

## Unmonitored with Door Status Mini Magnet



- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 600lbs (*272Kg*)
- Electro-less nickel plated armature
- Fail-Safe
- 1 Hour UK fire certificate
- Door status: An independent contact that works separately from the magnet to show door status not lock status



BS EN1634:1

### OPTIONS

300BP



U320M



U300ZL



300ZLDC



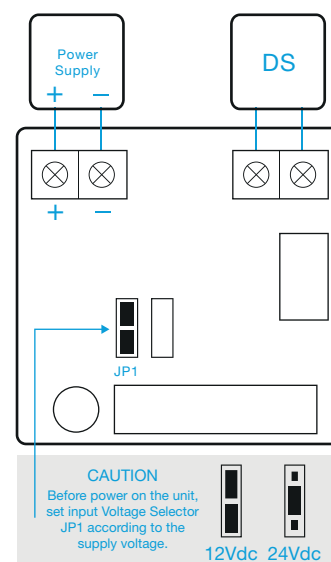
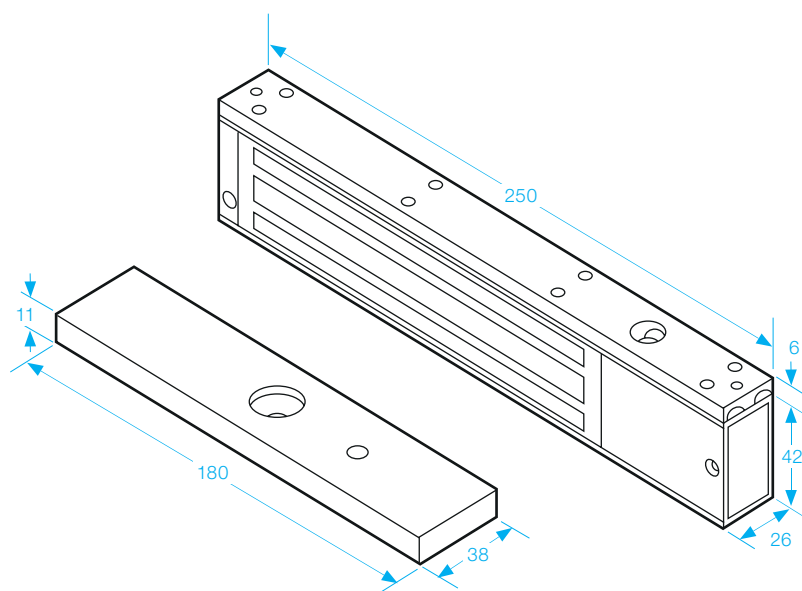
U300AL



UGDB14



LD-MM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 2.0kg (approx).

# FR-U10002

## Monitored Mini Magnet

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 600lbs (272Kg)
- Electro-less nickel plated armature
- Fail-Safe
- 1 Hour UK fire certificate
- Status LED ● Red ● Green



BS EN1634:1

### OPTIONS

300BP



U320M



U300ZL



300ZLDC



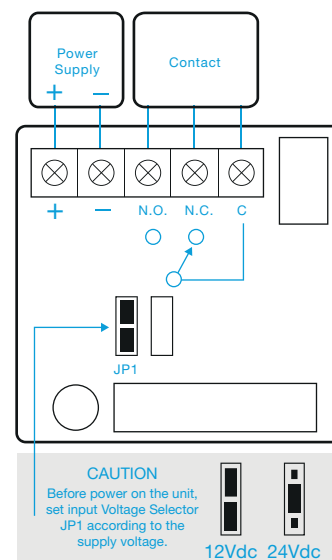
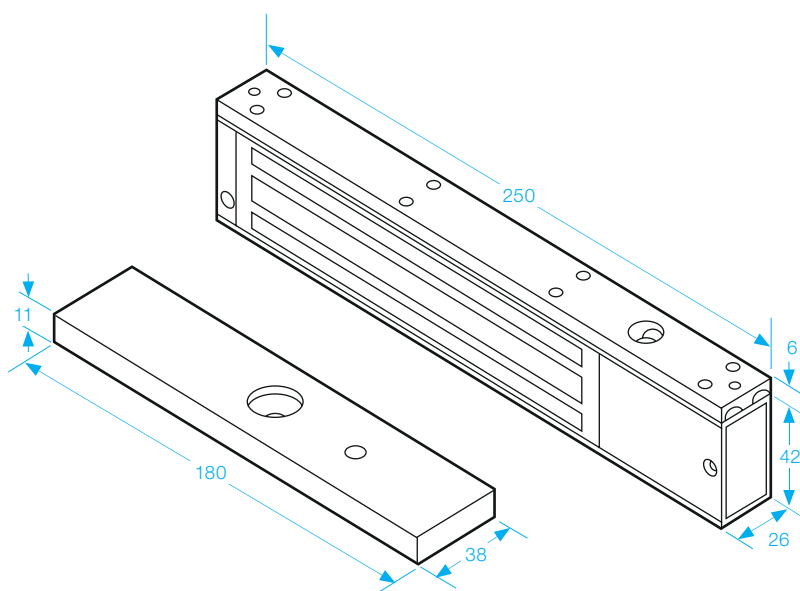
U300AL



UGDB14



LD-MM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 2.0kg (approx).



# FR-U10002DSU

## Monitored with Door Status Mini Magnet

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 600lbs (272Kg)
- Electro-less nickel plated armature
- Fail-Safe
- 1 Hour UK fire certificate
- Door status: An independent contact that works separately from the magnet to show door status not lock status
- Status LED ● Red ● Green



BS EN1634:1

### OPTIONS

300BP



U320M



U300ZL



300ZLDC



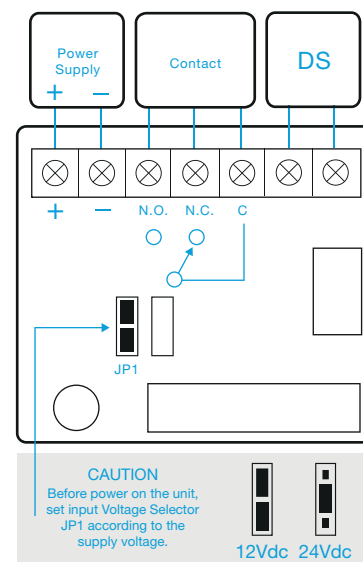
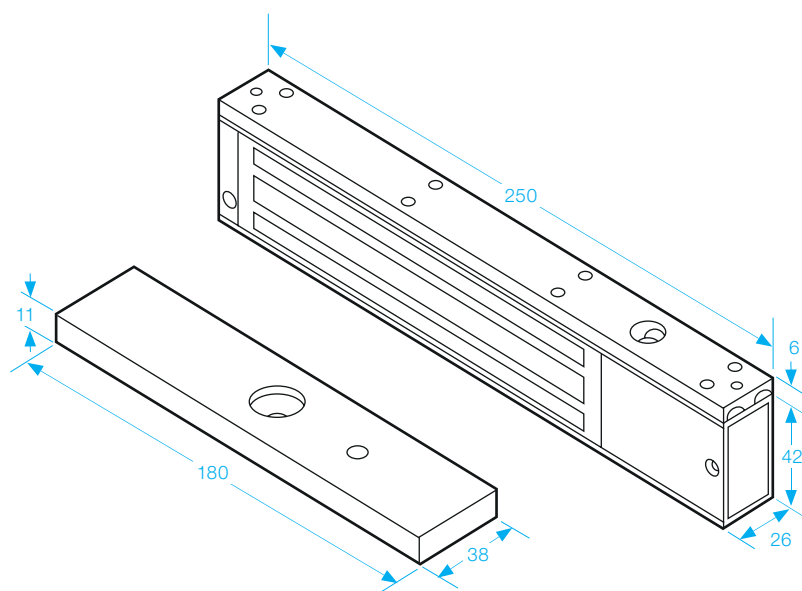
U300AL



UGDB14



LD-MM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 2.0kg (approx).

# FR-U10004

## Unmonitored Double Mini Magnet



BS EN1634:1

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 2 x 600lbs (272Kg)
- Electro-less nickel plated armature
- Fail-Safe
- 1 Hour UK fire certificate



### OPTIONS

300BP



U320M



U300ZL



300ZLDC



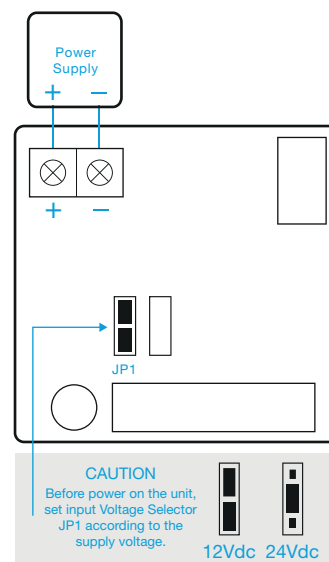
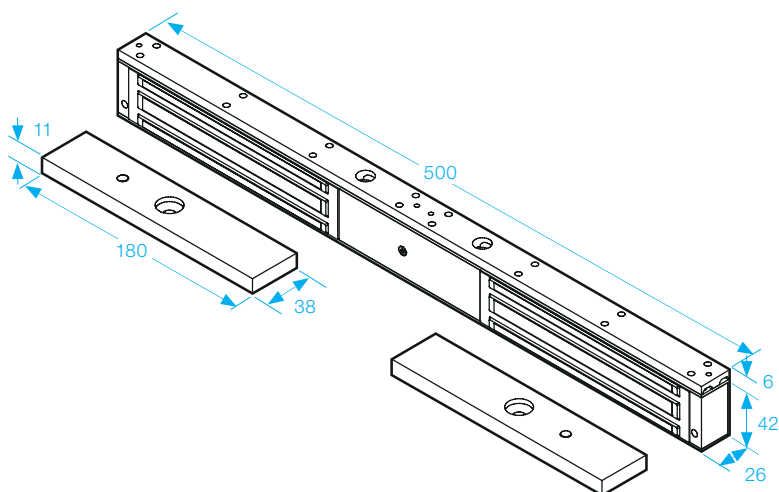
U300AL



UGDB14



LD-MM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 3.7kg (approx).

# FR-U10004DSU

## Unmonitored with Door Status Double Mini Magnet



BS EN1634:1

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 2 x 600lbs (272Kg)
- Electro-less nickel plated armature
- Fail-Safe
- 1 Hour UK fire certificate
- Door status: An independent contact that works separately from the magnet to show door status not lock status



### OPTIONS

300BP



U320M



U300ZL



300ZLDC



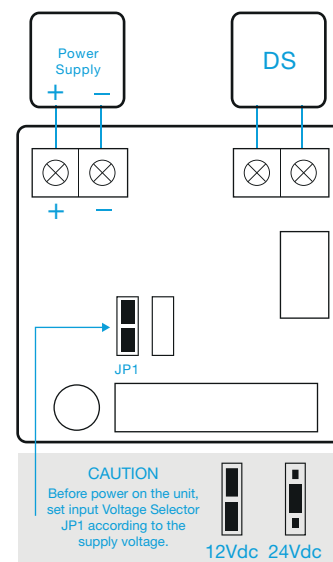
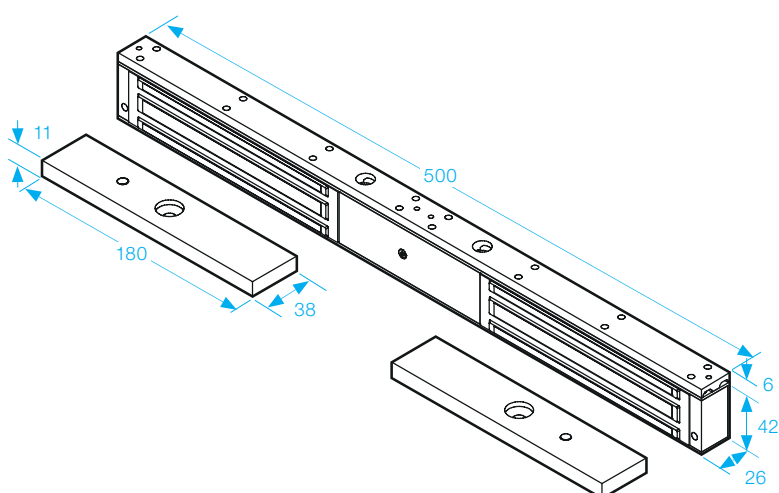
U300AL



UGDB14



LD-MM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 3.7kg (approx).

# FR-U10005

## Monitored Double Mini Magnet



BS EN1634:1

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 2 x 600lbs (272Kg)
- Electro-less nickel plated armature
- 1 Hour UK fire certificate
- Status LED ● Red ● Green



### OPTIONS

300BP



U320M



U300ZL



300ZLDC



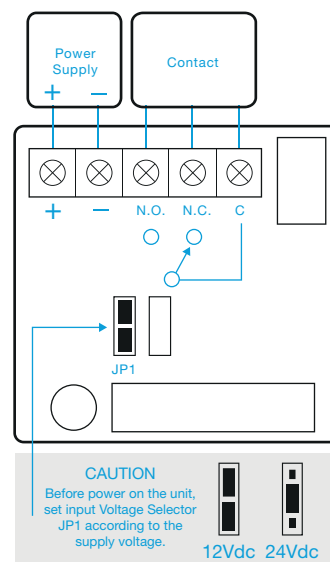
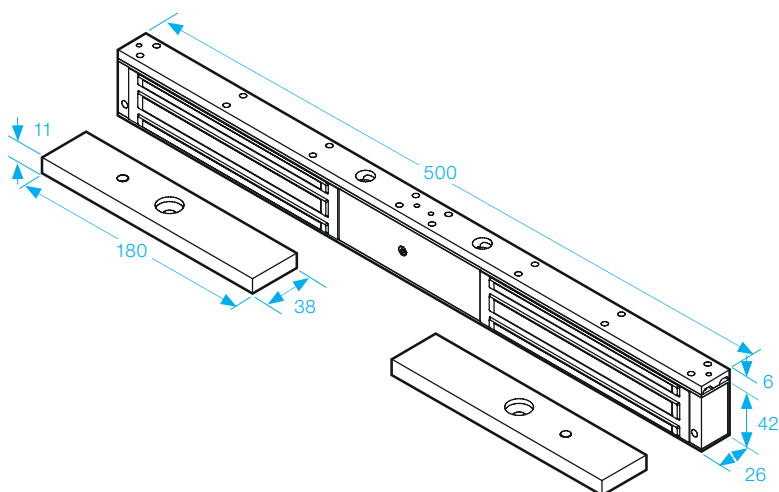
U300AL



UGDB14



LD-MM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Weight: 3.7kg (approx).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).



# FR-U10005DSU

Monitored with Door Status  
Double Mini Magnet



BS EN1634:1

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 2 x 600lbs (272Kg)
- Electro-less nickel plated armature
- 1 Hour UK fire certificate
- Door status: An independent contact that works separately from the magnet to show door status not lock status
- Status LED  
● Red ● Green



## OPTIONS

300BP



U320M



U300ZL



300ZLDC



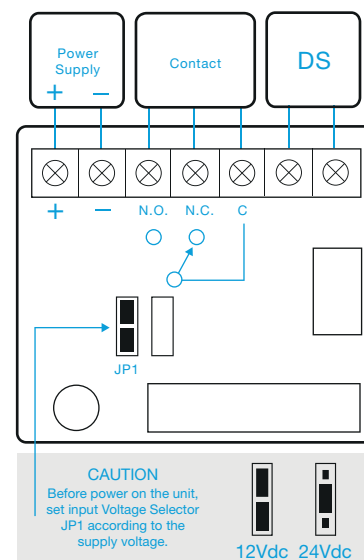
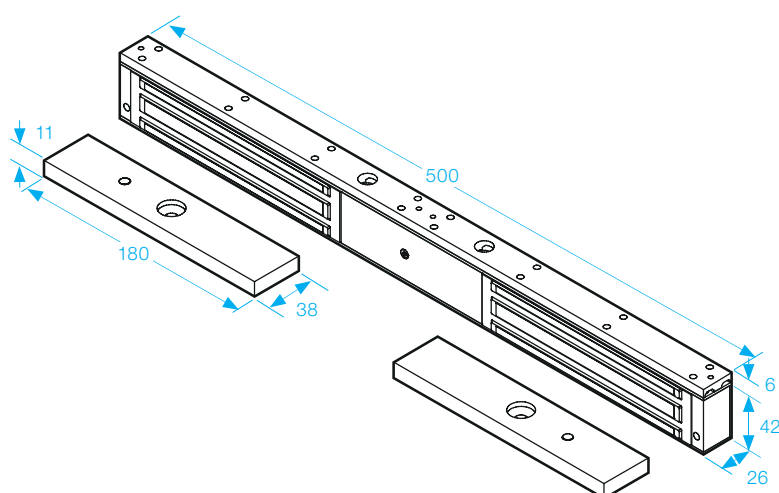
U300AL



UGDB14



LD-MM-SC



## SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Weight: 3.7kg (approx).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).

# FR-U10010

## Unmonitored Standard Magnet

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 1200lbs (*544Kg*)
- Electro-less nickel plated armature
- 1 Hour UK fire certificate



BS EN1634:1



### OPTIONS

500BP



U520S



U500ZL



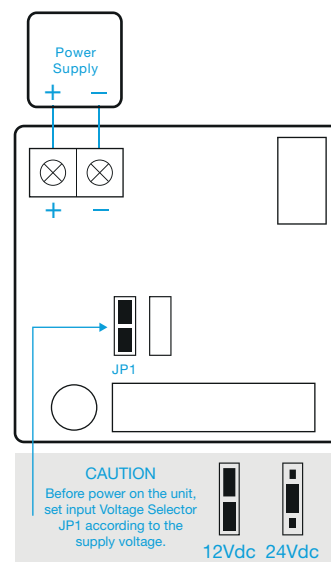
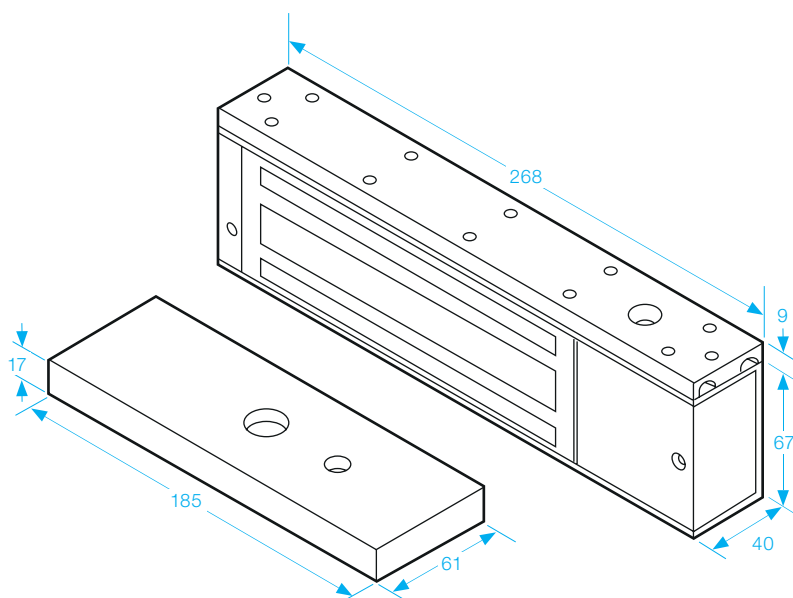
500ZLDC



U500AL



LD-SM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 4.71kg (*approx.*).

# FR-U10010DSU

## Unmonitored with Door Status Standard Magnet

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 1200lbs (544Kg)
- Electro-less nickel plated armature
- 1 Hour UK fire certificate
- Door status: An independent contact that works separately from the magnet to show door status not lock status



BS EN1634:1

### OPTIONS

500BP



U520S



U500ZL



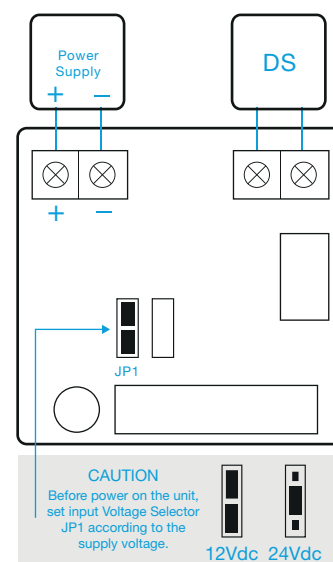
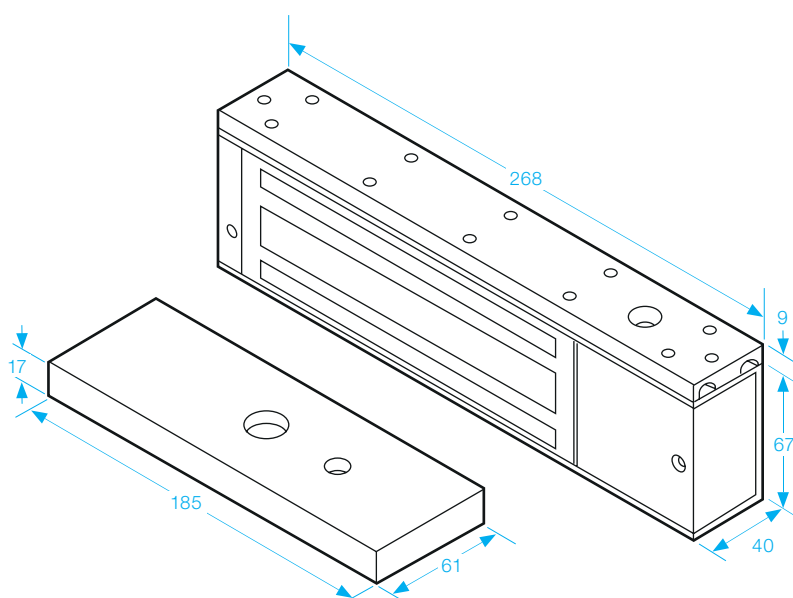
500ZLDC



U500AL



LD-SM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 4.71kg (approx).

# FR-U10020

## Monitored Standard Magnet

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 1200lbs (*544Kg*)
- Electro-less nickel plated armature
- 1 Hour UK fire certificate
- Status LED ● Red ● Green



BS EN1634:1



### OPTIONS

500BP



U520S



U500ZL



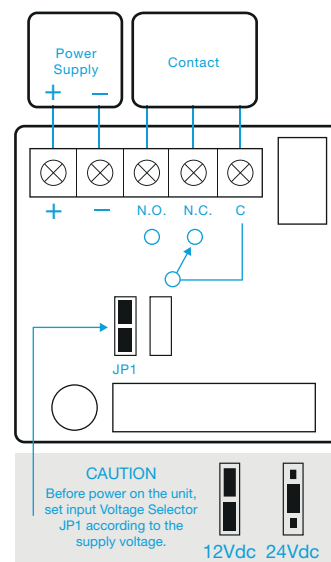
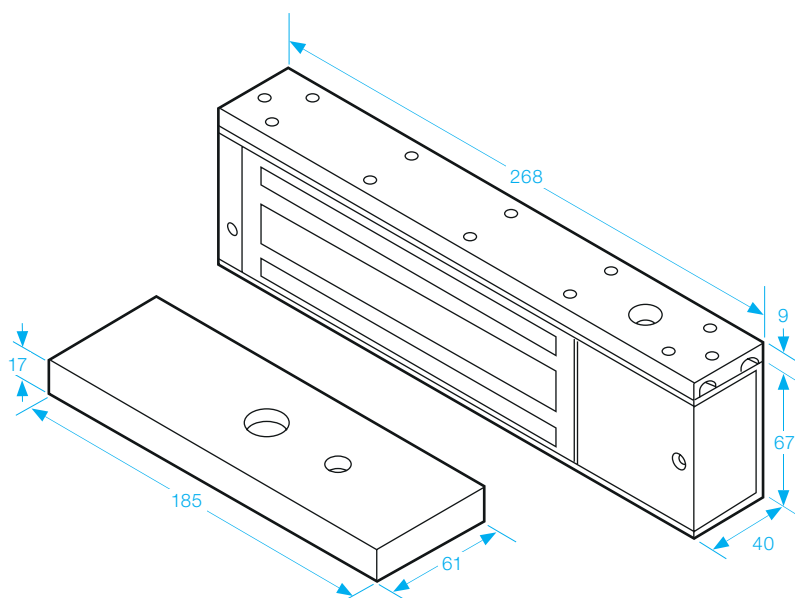
500ZLDC



U500AL



LD-SM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 4.71kg (approx).

# FR-U10020DSU

## Monitored with Door Status Standard Magnet

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 1200lbs (544Kg)
- Electro-less nickel plated armature
- 1 Hour UK fire certificate
- Door status: An independent contact that works separately from the magnet to show door status not lock status
- Status LED ● Red ● Green



BS EN1634:1

### OPTIONS

500BP

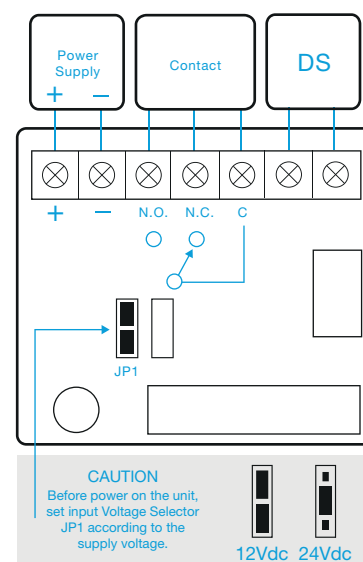
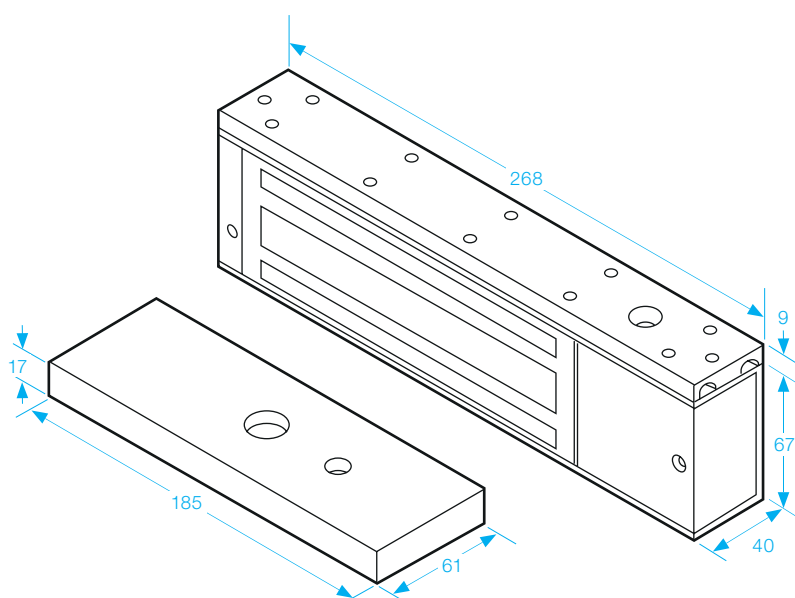
U520S

U500ZL

500ZLDC

U500AL

LD-SM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 4.71kg (approx).

# FR-U10040

## Monitored Double Standard Magnet



BS EN1634:1

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 2 X 1200lbs (*544Kg*)
- Electro-less nickel plated armature
- 1 Hour UK fire certificate
- Status LED ● Red ● Green



### OPTIONS

500BP



U520S



U500ZL



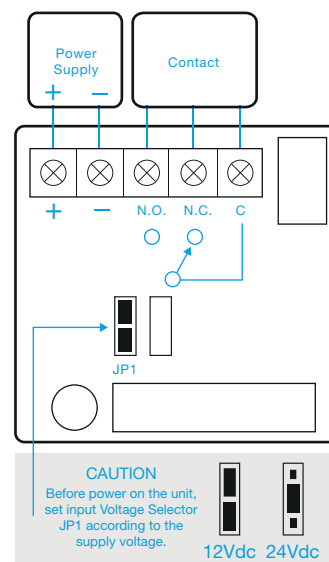
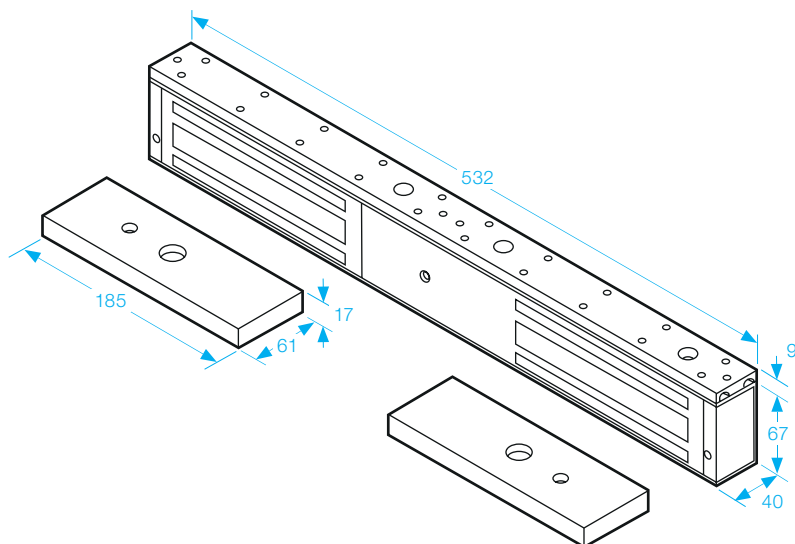
500ZLDC



U500AL



LD-SM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 9.3kg (approx).



# FR-U10040DSU

## Monitored with Door Status Double Standard Magnet



BS EN1634:1

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 2 X 1200lbs (544Kg)
- Electro-less nickel plated armature
- 1 Hour UK fire certificate
- Door status: An independent contact that works separately from the magnet to show door status not lock status
- Status LED  
● Red ● Green



### OPTIONS

500BP



U520S



U500ZL



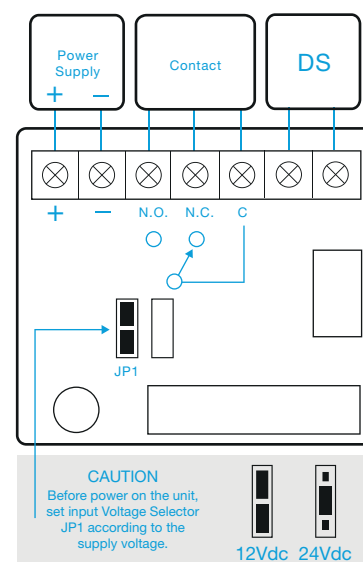
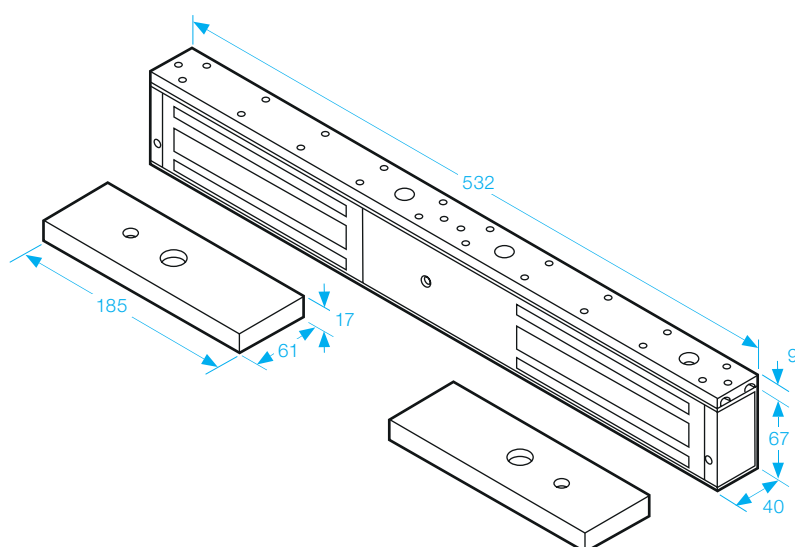
500ZLDC



U500AL



LD-SM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 9.3kg (approx).

# FR-U10060

## Unmonitored Double Standard Magnet



BS EN1634:1

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 2 x 1200lbs (*544Kg*)
- Electro-less nickel plated armature
- 1 Hour UK fire certificate



### OPTIONS

500BP



U520S



U500ZL



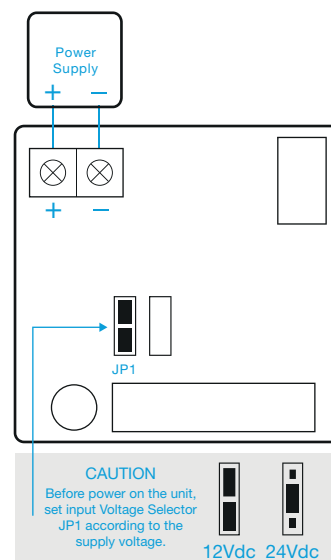
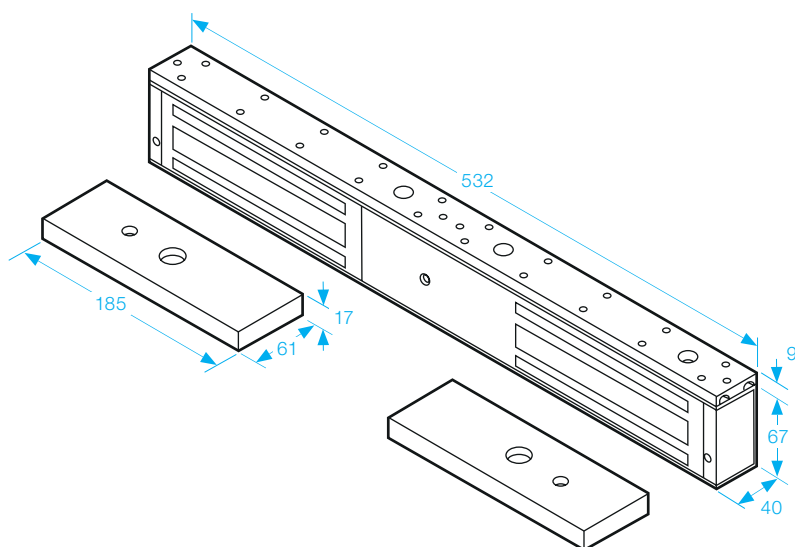
500ZLDC



U500AL



LD-SM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 9.3kg (approx).

# FR-U10060DSU

Unmonitored with Door Status  
Double Standard Magnet



BS EN1634:1

- FD30 + FD60 Rated
- Operating voltage 12~24Vdc (*Selectable*)
- Aluminium housing
- Safety bolts fitted
- Holding force up to 2 x 1200lbs (*544Kg*)
- Electro-less nickel plated armature
- 1 Hour UK fire certificate
- Door status: An independent contact that works separately from the magnet to show door status not lock status



## OPTIONS

500BP



U520S



U500ZL



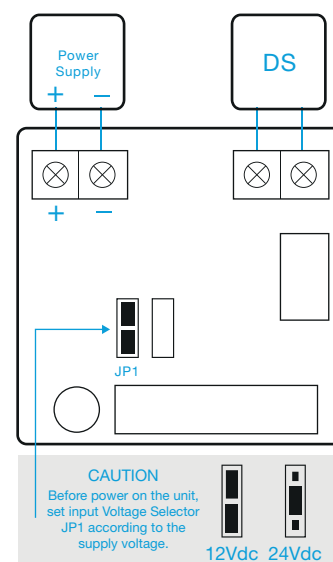
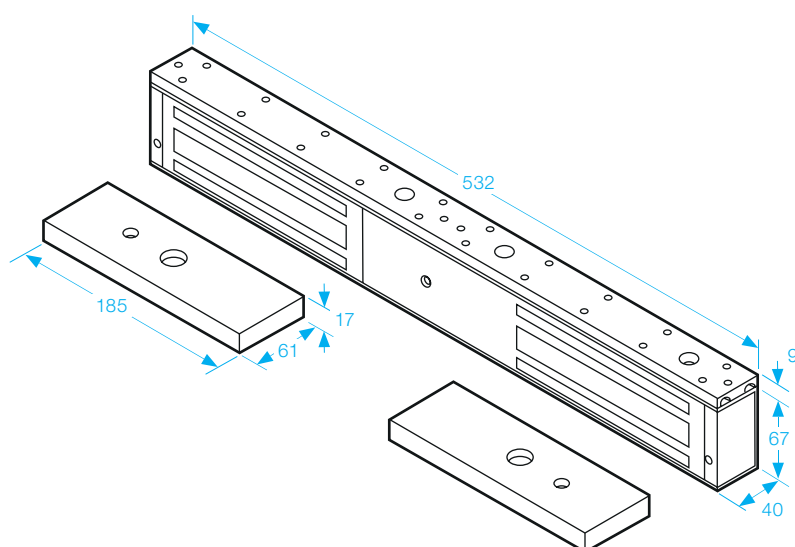
500ZLDC



U500AL



LD-SM-SC



## SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (*at temperature 20°C*).
- Operating temperature:  $-10\sim 55^{\circ}\text{C}$  (*14 to 131°F*).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (*when power is on*).

- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 9.3kg (*approx.*).

# FR-DL SERIES

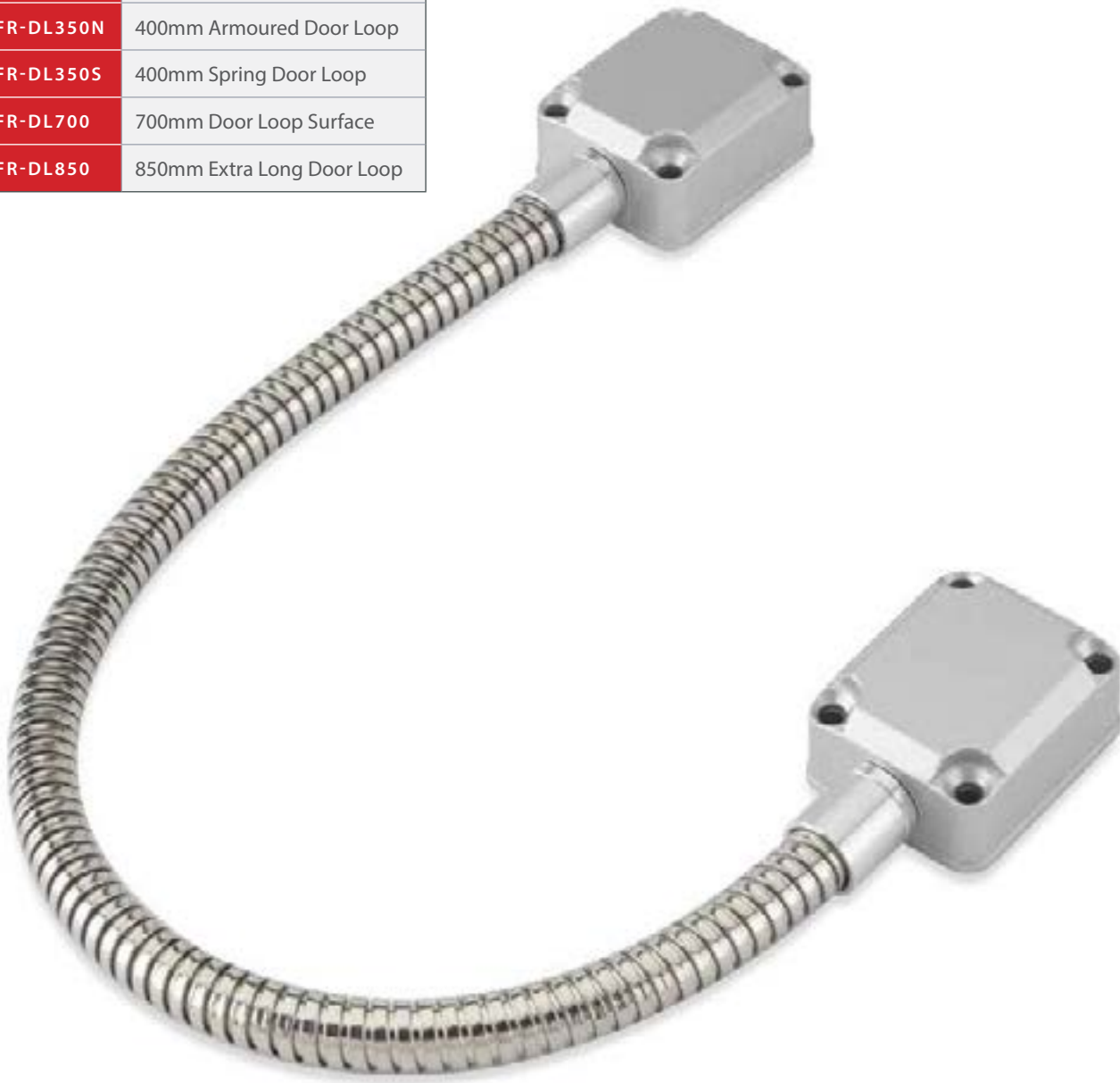
## Door Loops

- Surface door loop
- Armoured
- 1 Hour UK fire certificate



BS EN1634:1

| PRODUCT   | SPECIFICATION              |
|-----------|----------------------------|
| FR-DL350  | 400mm Armoured Door Loop   |
| FR-DL350N | 400mm Armoured Door Loop   |
| FR-DL350S | 400mm Spring Door Loop     |
| FR-DL700  | 700mm Door Loop Surface    |
| FR-DL850  | 850mm Extra Long Door Loop |



# A C C E S S C O N T R O L



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# Setting the Standard in Access Control



**NO CARD, NO CODE  
NO TAG...JUST YOUR  
MOBILE PHONE!**

Bluetooth readers and keypads with free APP - where your phone is your key.

**FIRE RATED PRODUCTS**

**UK  
FIRE TESTED  
EN1634:1**



Now available a full range of fire rated products conforming to EN1634:1.

**DAY OR NIGHT, KEEP AN  
EYE ON YOUR HOME...  
WHEREVER YOU ARE!**



WiFi Video Doorbell linked directly to your home or office for immediate viewing.

## PRODUCTS AVAILABLE NOW FROM ICS SECURITY SOLUTIONS



EXIT  
DEVICES



ACCESS  
CONTROL



ELECTRIC  
LOCKING



AUDIO AND  
VIDEO ENTRY



ADDITIONAL  
EQUIPMENT



FIRE RATED  
PRODUCTS



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Units 1-2 JBJ Business Park Northampton Road Blisworth Northampton NN7 3DW  
Telephone: 01604 879300 Facsimile: 01604 859545 Email: [orderline@icssecurity.co.uk](mailto:orderline@icssecurity.co.uk)



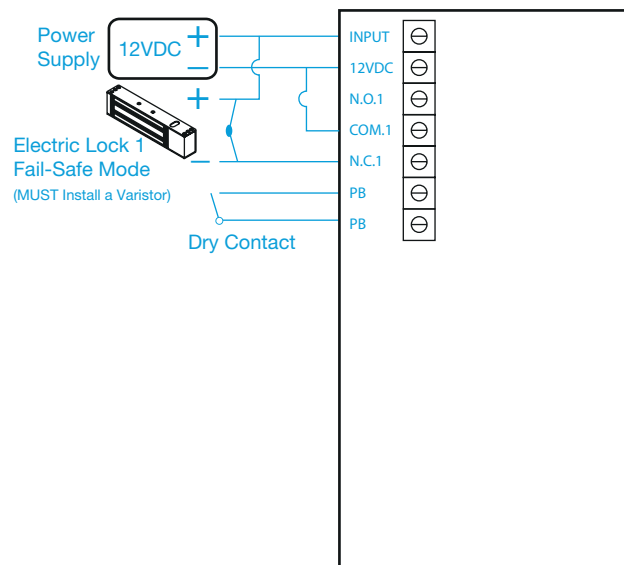
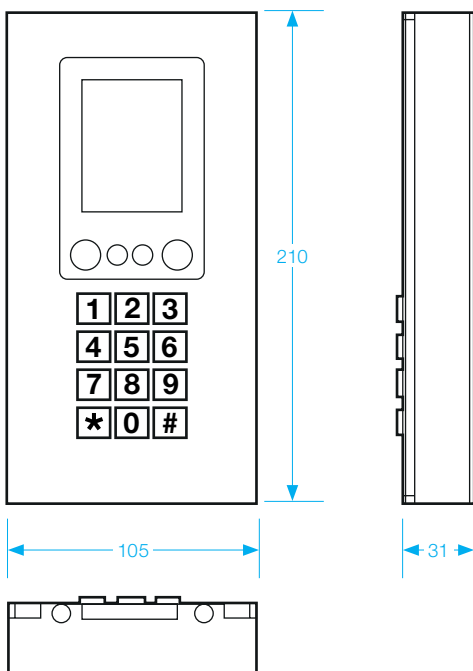
# RON 370 AFR

## Facial Recognition Intercom System

- Operating voltage 12Vdc
- Aluminium alloy panel with blush processing
- Facial recognition unlocking  
(Capacity up to 300 faces)
- Capacity up to 10,000 working attendance records
- PIN code access unlocking
- Backlit keypad
- Weather and dust resistant: IP55
- Surface mount



WEATHER  
RESISTANT  
— IP 55 —



# CCL-F Series

## Fingerprint Reader

- Operating voltage 12Vdc
- Stainless Steel
- Surface or flush mounted
- Allows up to 900 users
- 0-99 relay timer
- Hand held programmer



WEATHER  
RESISTANT  
— IP 65 —



VANDAL  
RESISTANT



STAINLESS  
STEEL

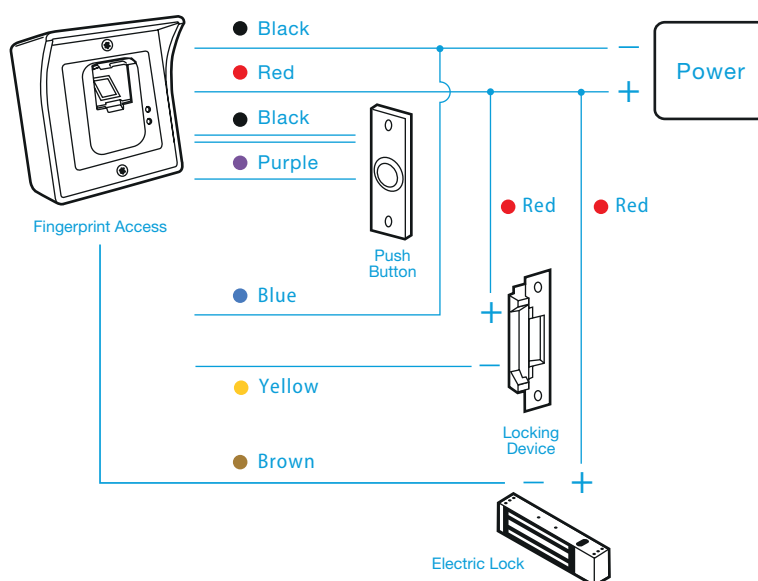
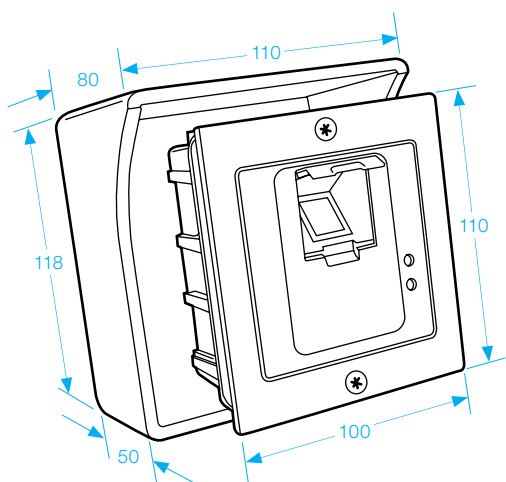
### CCL-1FS

- Surface mount



### CCL-1F

- Flush mount



# EASIPROX+

## Standalone Proximity

- Operating voltage 12Vdc
- Black ABS plastic
- **Bluetooth**
- Internal or external use
- Self-contained
- Read range 5cm
- Fully programmable via master card
- 3 LED displays with audible indication
- Weather resistant: IP67



WEATHER  
RESISTANT  
— IP 67 —



BLUETOOTH



### OPTIONS

STD-PC



STD-PCPS



KT-10BC



KT-15EM



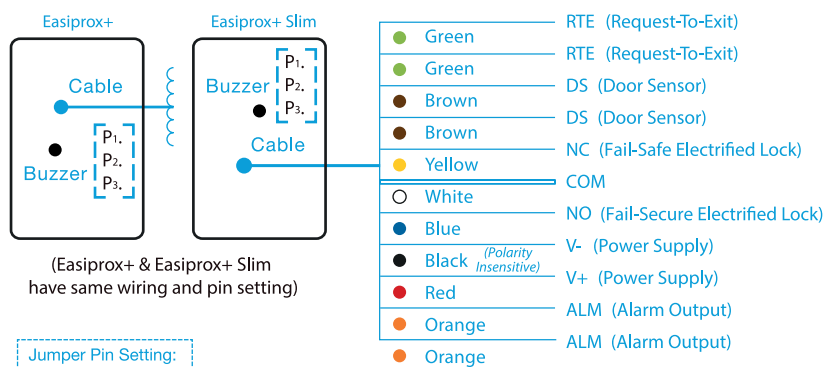
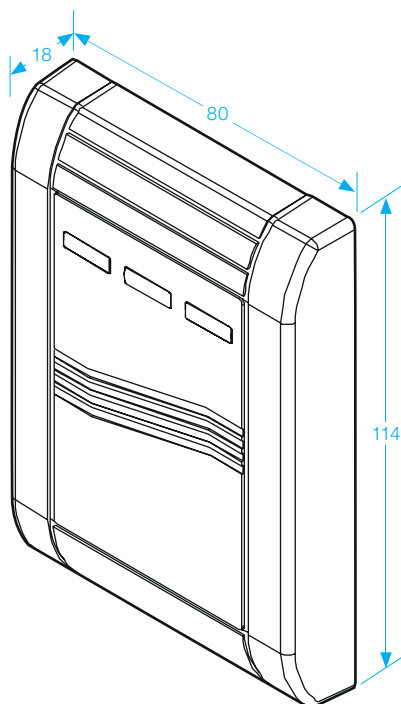
KT-16



621-11



Simulator



| LED   | POWER + DC12-15V                  |
|-------|-----------------------------------|
| BLUE  | POWER ON, STANDBY MODE            |
| GREEN | UNLOCKED, DOOR ALWAYS UNLOCKED    |
| RED   | INVALID ACCESS DOOR ALWAYS LOCKED |

| AUDIBLE BEEPS    | STATUS   |
|------------------|--|
| 1 LONG BEEP      | VALID ACCESS, RESET IS COMPLETE                  |
| 2 SHORT BEEPS    | LOCKING COMPLETE                                 |
| 3 SHORT BEEPS    | INVALID ACCESS                                   |
| CONSTANT BEEPING | BLUETOOTH DEVICE VANDALISED<br>DOOR SENSOR IS ON |

# EASIPROX SLIM+



## Standalone Proximity

- Operating voltage 12Vdc
- Read range 5cm
- Black ABS plastic
- Fully programmable via master card
- **Bluetooth**
- LED display with audible indication
- Internal or external use
- Weather resistant: IP67



WEATHER  
RESISTANT  
– IP 67 –



BLUETOOTH



**Bluetooth™**

### OPTIONS

STD-PC



STD-PCPS



KT-10BC



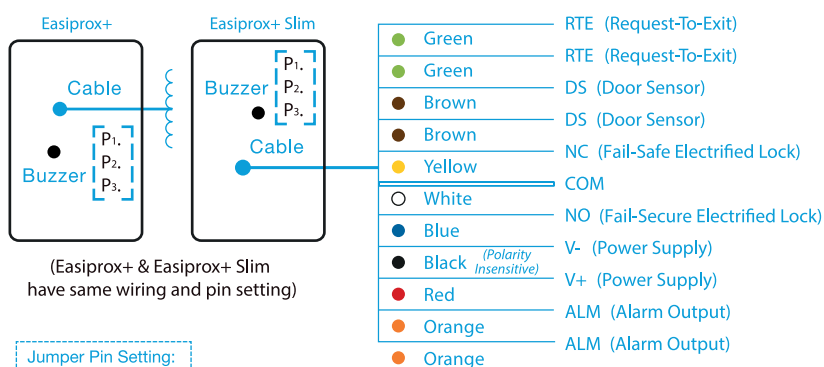
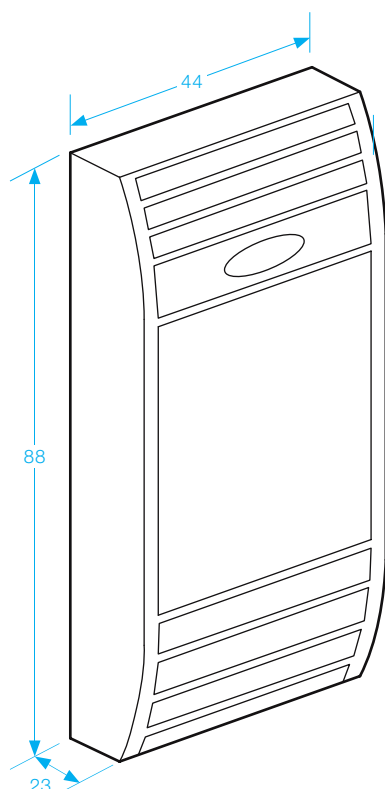
KT-15EM



KT-16



621-11



| LED   | POWER + DC12-15V                  | AUDIBLE BEEPS    | STATUS   |
|-------|-----------------------------------|------------------|--|
| BLUE  | POWER ON, STANDBY MODE            | 1 LONG BEEP      | VALID ACCESS, RESET IS COMPLETE                  |
| GREEN | UNLOCKED, DOOR ALWAYS UNLOCKED    | 2 SHORT BEEPS    | LOCKING COMPLETE                                 |
| RED   | INVALID ACCESS DOOR ALWAYS LOCKED | 3 SHORT BEEPS    | INVALID ACCESS                                   |
|       |                                   | CONSTANT BEEPING | BLUETOOTH DEVICE VANDALISED<br>DOOR SENSOR IS ON |

# DG800+

## Combined Proximity and Keypad Access

- Operating voltage 12Vdc
- Die-cast Aluminium
- **Bluetooth**
- Backlit keypad
- Weather resistant: IP65
- Vandal resistant
- Multiple LED display with audible indication



WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



BLUETOOTH



**Bluetooth™**

### OPTIONS

STD-PC



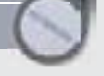
STD-PCPS



KT-10BC



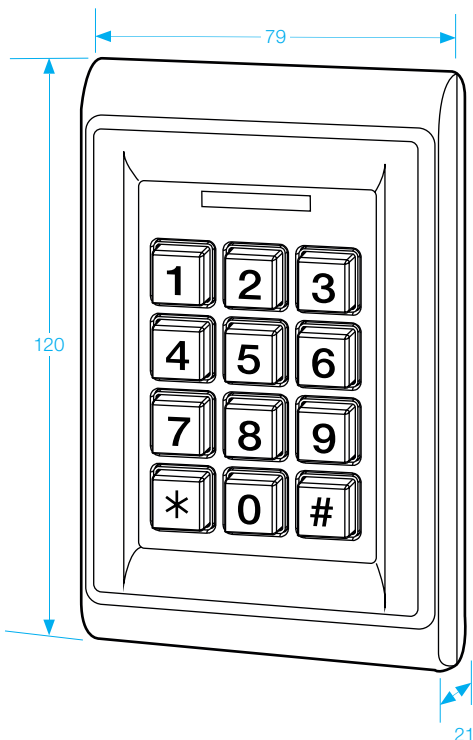
KT-15EM



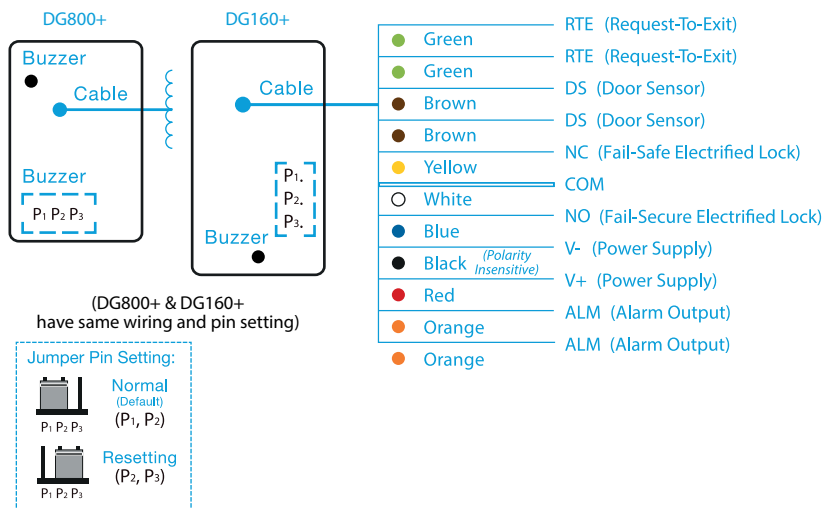
KT-16



621-11



21



| LED   | STATUS                             |
|-------|------------------------------------|
| BLUE  | POWER ON, STANDBY MODE             |
| GREEN | UNLOCKED, DOOR ALWAYS UNLOCKED     |
| RED   | INVALID ACCESS, DOOR ALWAYS LOCKED |

| AUDIBLE BEEPS    | STATUS   |
|------------------|--|
| 1 SHORT BEEP     | KEY PRESS  |
| 1 LONG BEEP      | VALID ACCESS, RESET IS COMPLETE                  |
| 2 SHORT BEEPS    | LOCKING COMPLETE                                 |
| 3 SHORT BEEPS    | INVALID ACCESS                                   |
| CONSTANT BEEPING | BLUETOOTH DEVICE VANDALISED<br>DOOR SENSOR IS ON |

# E3AK4+



## Standalone Keypad

- Operating voltage 12Vdc
- ABS Plastic
- **Bluetooth**
- Allows up to 1000 IC card capacity
- Backlit keypad
- Audit trail
- Operation mode: Code, phone
- Door opening signal output by relay directly (NO/NC optional)
- Weather resistant: IP65
- 3 LED displays with audible indication



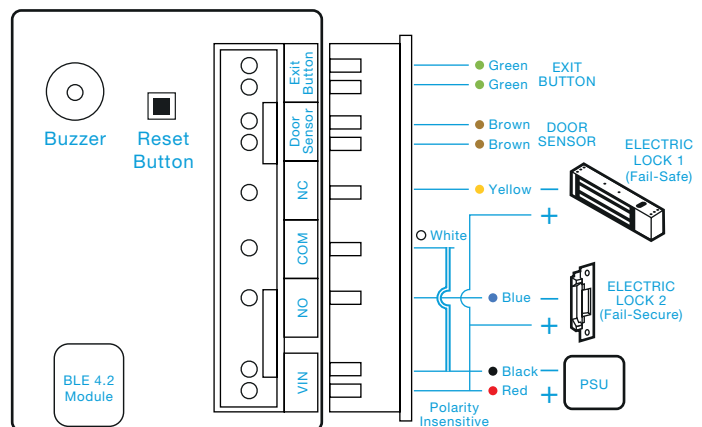
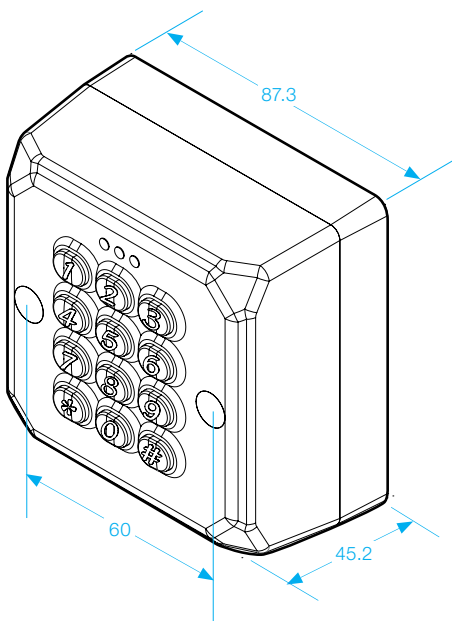
WEATHER  
RESISTANT  
– IP 65 –



BLUETOOTH



**Bluetooth™**



| LED             | KEYPAD STATUS                     | AUDIBLE BEEPS    | STATUS  |
|-----------------|-----------------------------------|------------------|---|
| BLUE (SOLID)    | POWER ON, STANDBY MODE            | 1 SHORT BEEP     | KEY PRESS   |
| BLUE (FLASHING) | BLUETOOTH IS CONNECTING           | 1 LONG BEEP      | VALID ACCESS, RESET IS COMPLETE   |
| GREEN           | UNLOCKED, DOOR ALWAYS UNLOCKED    | 2 SHORT BEEPS    | LOCKING COMPLETE  |
| RED             | INVALID ACCESS DOOR ALWAYS LOCKED | 3 SHORT BEEPS    | INCORRECT PASSCODE. LOGIN FAILURE. FORGOT TO PRESS # AFTER ENTERING PASSCODE WITHIN 30 SECONDS. |
|                 |                                   | CONSTANT BEEPING | BLUETOOTH DEVICE VANDALISED<br>DOOR SENSOR IS ON  |



# E3AK5+

## Standalone Keypad

- Operating voltage 12Vdc
- **Bluetooth**
- Stainless Steel
- Allows up to 1000 IC card capacity
- Backlit keypad
- Audit trail
- Operation mode: Code, phone
- Door opening signal output by relay directly (NO/NC optional)
- Weather resistant: IP65
- Vandal resistant
- 3 LED displays with audible indication



WEATHER  
RESISTANT  
– IP 65 –



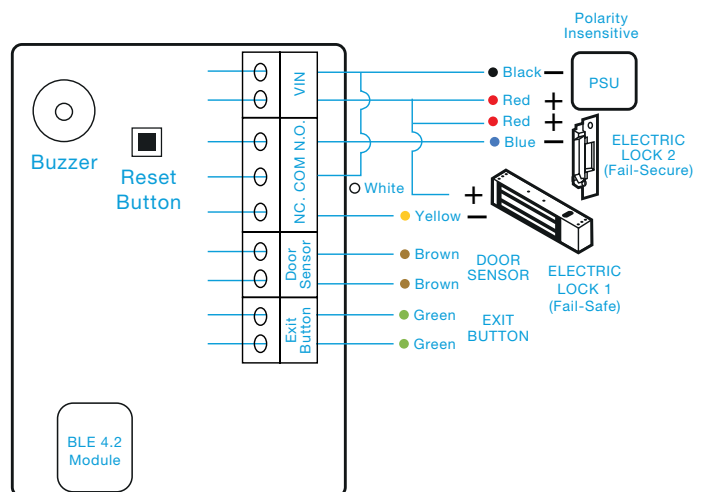
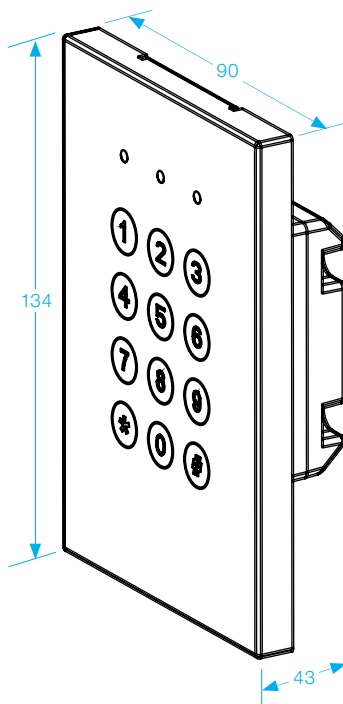
VANDAL  
RESISTANT



STAINLESS  
STEEL



BLUETOOTH



| LED            | KEYPAD STATUS                     | AUDIBLE BEEPS    | STATUS  |
|----------------|-----------------------------------|------------------|---|
| RED (SOLID)    | POWER ON, STANDBY MODE            | 1 SHORT BEEP     | KEY PRESS   |
| RED (FLASHING) | BLUETOOTH IS CONNECTING           | 1 LONG BEEP      | VALID ACCESS, RESET IS COMPLETE   |
| GREEN          | UNLOCKED, DOOR ALWAYS UNLOCKED    | 2 SHORT BEEPS    | LOGIN COMPLETE  |
| YELLOW         | INVALID ACCESS DOOR ALWAYS LOCKED | 3 SHORT BEEPS    | LOGIN FAILURE. INCORRECT PASSCODE. FORGOT TO PRESS # AFTER ENTERING PASSCODE WITHIN 30 SECONDS. |
|                |                                   | CONSTANT BEEPING | BLUETOOTH DEVICE VANDALISED<br>DOOR SENSOR IS ON  |

# E3AK7+



## Keypad and Bluetooth

- Operating voltage 12~24Vdc
- Diecast metal
- **Bluetooth**
- Backlit keypad
- Vandal resistant
- Built in tamper alarm and buzzer (85dB)
- Weather resistant: IP65
- 2 LED displays with audible indication



WEATHER  
RESISTANT  
- IP 65 -



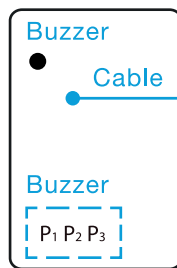
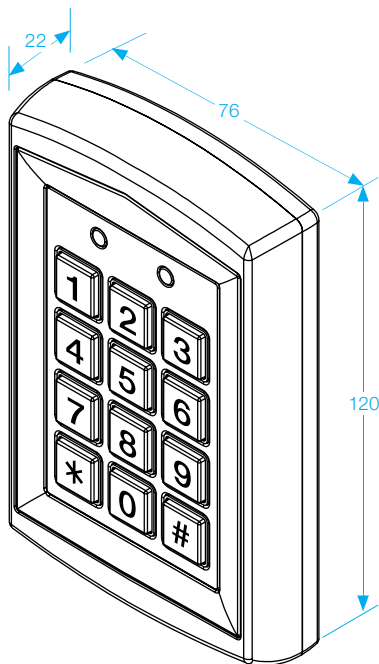
VANDAL  
RESISTANT



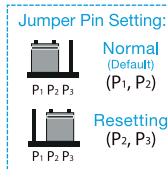
BLUETOOTH



**Bluetooth™**



- Green RTE (Request-To-Exit)
- Green RTE (Request-To-Exit)
- Brown DS (Door Sensor)
- Brown DS (Door Sensor)
- Yellow NC (Fail-Safe Electrified Lock)
- White COM
- Blue NO (Fail-Secure Electrified Lock)
- Black V- (Power Supply) *(Polarity Insensitive)*
- Red V+ (Power Supply)



### Reset Procedures

1. Power off Access Control Keypad.
2. Move the pin Jumper to P2 and P3, then power on.
3. Hear a long beep to complete resetting procedures.
4. Move the Pin jumper back to P1 and P2 to Normal setting.
5. Login as Admin and check all users, audit trail events are all cleared and everything is reset to factory default settings, except device name.

| LED   | STATUS                             |
|-------|------------------------------------|
| BLUE  | POWER ON, STANDBY MODE             |
| GREEN | UNLOCKED, DOOR ALWAYS UNLOCKED     |
| RED   | INVALID ACCESS, DOOR ALWAYS LOCKED |

| AUDIBLE BEEPS    | STATUS   |
|------------------|--|
| 1 SHORT BEEP     | KEY PRESS  |
| 1 LONG BEEP      | VALID ACCESS, RESET IS COMPLETE                  |
| 2 SHORT BEEPS    | LOCKING COMPLETE                                 |
| 3 SHORT BEEPS    | INVALID ACCESS                                   |
| CONSTANT BEEPING | BLUETOOTH DEVICE VANDALISED<br>DOOR SENSOR IS ON |

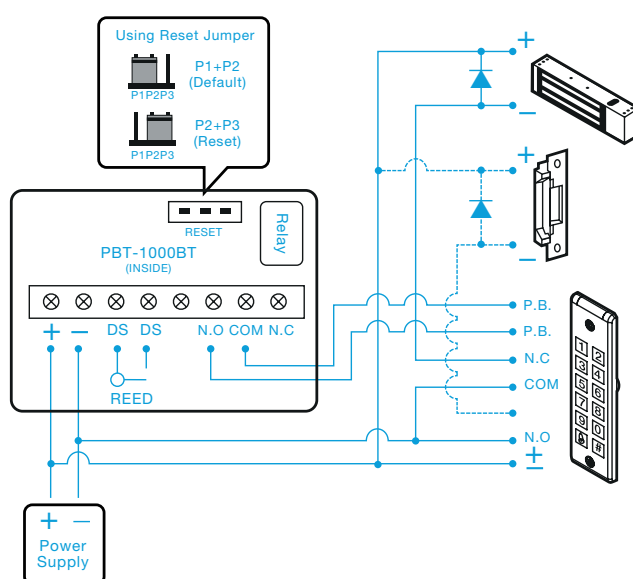
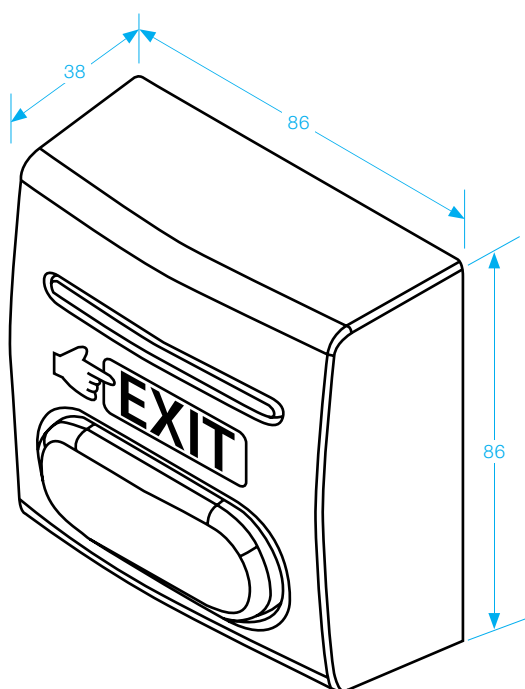
# PBT1000BT

## Exit Button + Bluetooth

- Operating voltage 12Vdc
- ABS plastic
- LED indicator
- **Bluetooth**



BLUETOOTH


**Bluetooth™**


# DG 800

**GEM**®

## Combined Proximity and Keypad Access

- Operating voltage 12~24Vac/Vdc
- Die-cast Aluminium
- 1000+10 Proximity cards, tokens and PIN's
- Backlit keypad
- Weather resistant: IP65
- Vandal resistant
- 2 LED displays with audible indication



WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



### OPTIONS

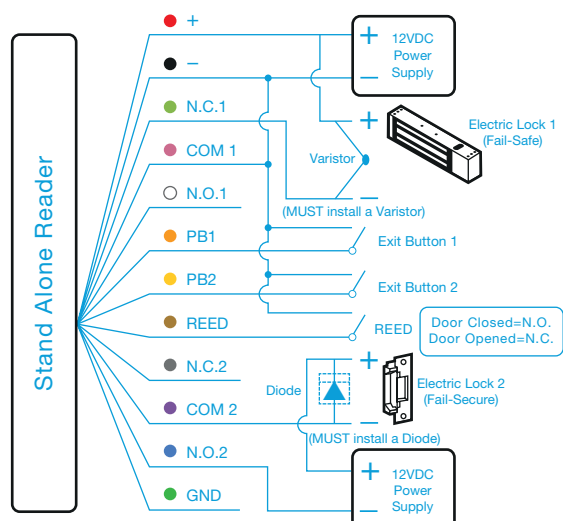
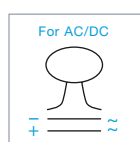
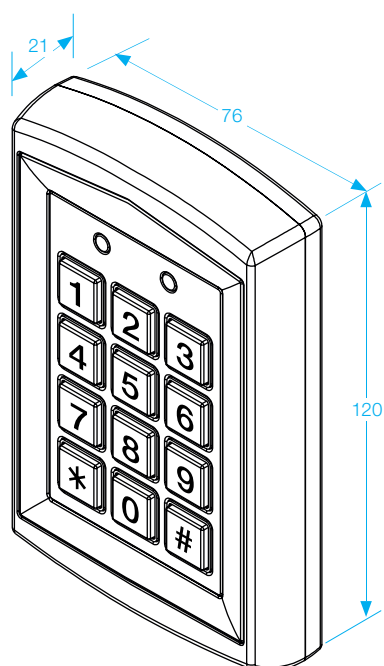
**STD-PC**

**STD-PCPS**

**KT-10BC**

**KT-15EM**

**KT-16**

**621-11**


|             |       |        |        |        |       |        |       |
|-------------|-------|--------|--------|--------|-------|--------|-------|
| RED         | +     | PINK   | COM. 1 | YELLOW | PB2   | PURPLE | COM.2 |
| BLACK       | -     | WHITE  | N.O.1  | BROWN  | REED  | BLUE   | N.O.2 |
| LIGHT GREEN | N.C.1 | ORANGE | PB1    | GREY   | N.C.2 | GREEN  | GND   |

# DG 800N

## Combined Proximity and Keypad Access

- Operating voltage 12~24Vac/Vdc
- Die-cast Aluminium
- 1000+10 Proximity cards, tokens and PIN's
- Backlit keypad
- Weather resistant: IP65
- Vandal resistant
- Terminal connections
- 2 LED displays with audible indication



WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



### OPTIONS

STD-PC



STD-PCPS



KT-10BC



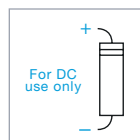
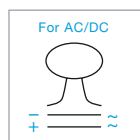
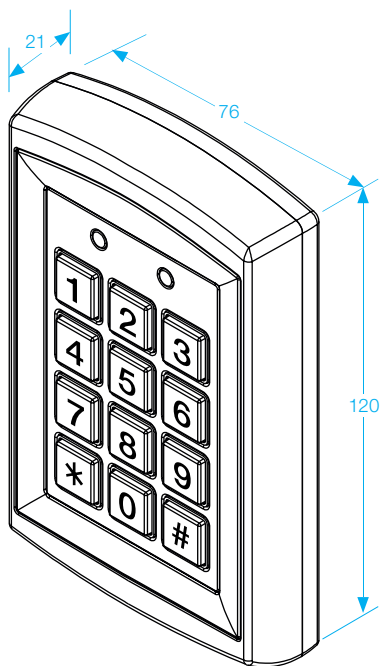
KT-15EM



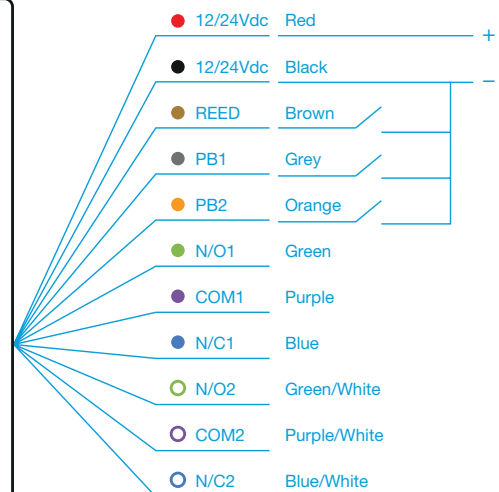
KT-16



621-11



Stand Alone Reader



|       |      |
|-------|------|
| RED   | +    |
| BLACK | -    |
| BROWN | REED |

|        |      |
|--------|------|
| GREY   | PB1  |
| ORANGE | PB2  |
| GREEN  | N/O1 |

|             |      |
|-------------|------|
| PURPLE      | COM1 |
| BLUE        | N/C1 |
| GREEN/WHITE | N/O2 |

|              |       |
|--------------|-------|
| PURPLE/WHITE | COM.2 |
| BLUE/WHITE   | N.C.2 |

# DG-160

## Combined Proximity and Keypad Access

- Operating voltage 12Vdc
- Aluminium
- Allows up to 1000+10 proximity cards, tokens and PIN's
- Backlit keypad
- Built in anti-tamper switch
- 2 LED displays



WEATHER  
RESISTANT  
— IP 65 —



VANDAL  
RESISTANT

**GEM**



### OPTIONS

STD-PC



STD-PCPS



KT-10BC



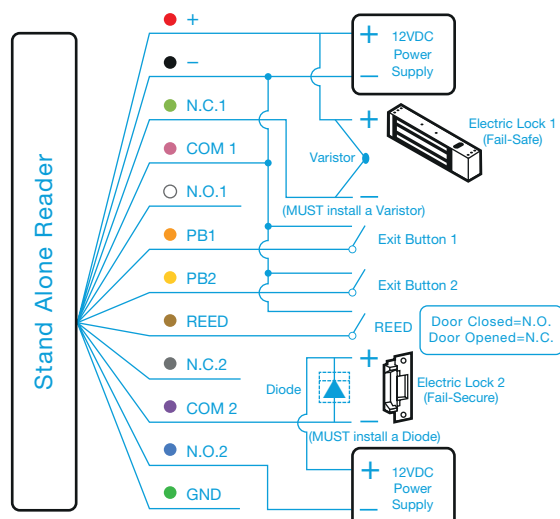
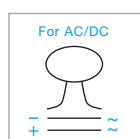
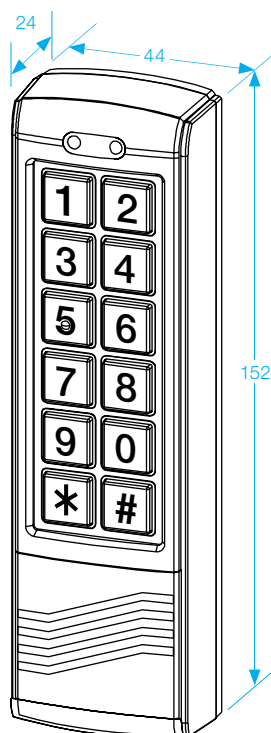
KT-15EM



KT-16



621-11



|             |       |        |        |        |       |        |       |
|-------------|-------|--------|--------|--------|-------|--------|-------|
| RED         | +     | PINK   | COM. 1 | YELLOW | PB2   | PURPLE | COM.2 |
| BLACK       | -     | WHITE  | N.O.1  | BROWN  | REED  | BLUE   | N.O.2 |
| LIGHT GREEN | N.C.1 | ORANGE | PB1    | GREY   | N.C.2 | GREEN  | GND   |



# KP-500

## Combined Proximity and Keypad Access

- Operating voltage 12Vdc
- Die-cast metal
- Allows up to 1000+1 proximity cards, tokens and PIN's
- Backlit keypad
- 2 LED displays



WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



### OPTIONS

STD-PC



STD-PCPS



KT-10BC



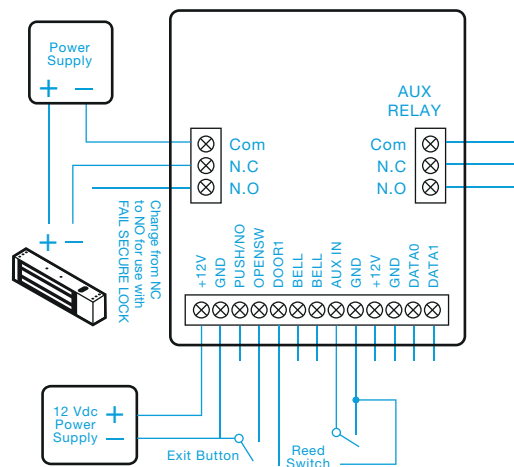
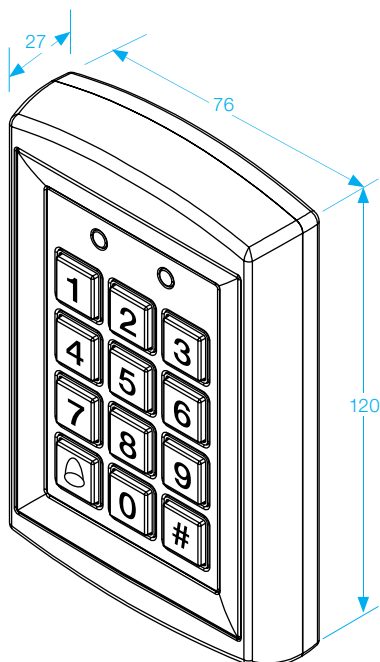
KT-15EM



KT-16



621-11



- Open SW - GND: Exit button connection (Button must be N/O going closed).
- Aux IN - GND: A N/O going closed input that activates the aux relay and sounds an internal alarm when connection made.
- Door1 - GND: Reed switch connections must be N/C when the door is closed. If the door is left open an internal alarm will sound when the door sensor mode is enabled. The time can be adjusted using the alarm delay time settings.
- Bell-Bell: A N/O connection going closed when the bell button is pressed.

### SPECIFICATION

- Output: 1 relay COM/NO/NC.
- Programmable 4 digit code.
- RF Frequency EM 125 KHz.
- Relay strike time 01~99 seconds.
- Read range 5cm. (In noise-free environment).

# CCL-P Series

## Proximity Reader

- Operating voltage 12Vdc
- Stainless Steel
- Surface or flush mounted
- Allows up to 1000 users
- Weather resistant: IP65
- Vandal resistant
- 0-99 relay timer
- Handheld programmer



WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



STAINLESS  
STEEL

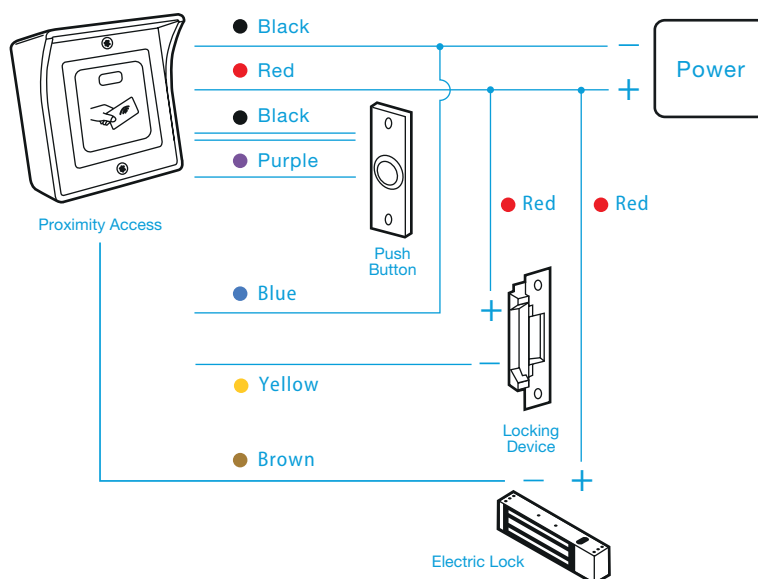
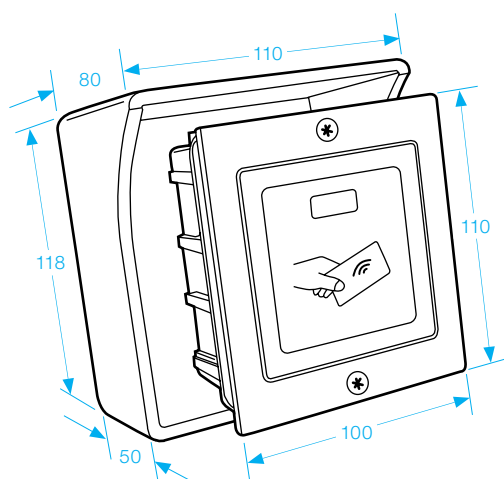
### CCL-1PS

- Surface mount



### CCL-1P

- Flush mount



# EASIPROX

## Standalone Proximity

- Operating voltage 12Vdc
- ABS plastic
- Allows up to 2000 users
- Weather resistant: IP65
- Self contained
- 2 LED displays



WEATHER  
RESISTANT  
– IP 67 –



### OPTIONS

STD-PC



STD-PCPS



KT-10BC



KT-15EM



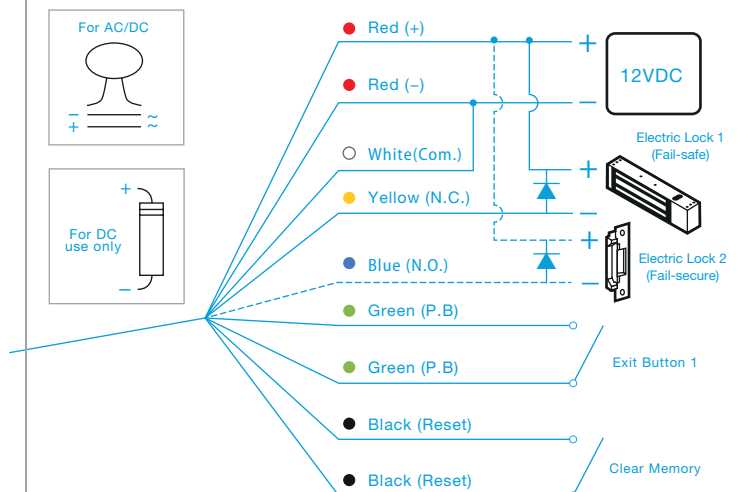
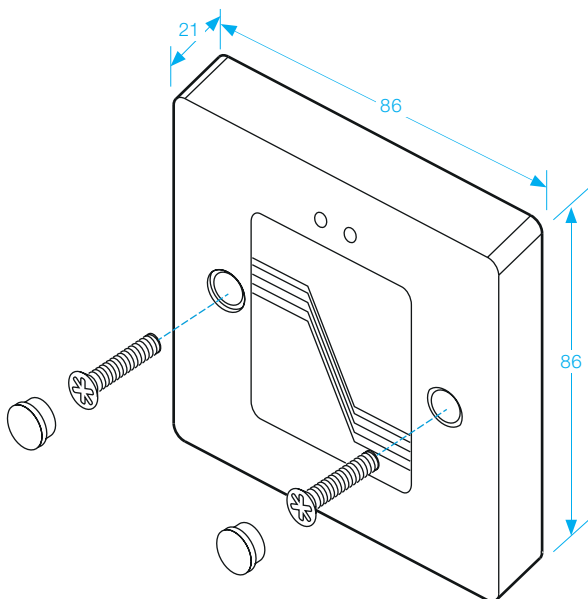
KT-16



621-11



Simulator



|        |                       |       |                  |
|--------|-----------------------|-------|------------------|
| RED    | 12VDC (POLARITY FREE) | GREEN | EXIT BUTTON      |
| RED    | 12VDC (POLARITY FREE) | GREEN | EXIT BUTTON      |
| WHITE  | COM.                  | BLACK | CLEAR ALL MEMORY |
| YELLOW | N.C.                  | BLACK | CLEAR ALL MEMORY |
| BLUE   | N.O.                  |       |                  |

**EASIPROX 980 40 WI**

WHITE

**EASIPROX 980 40 BK**

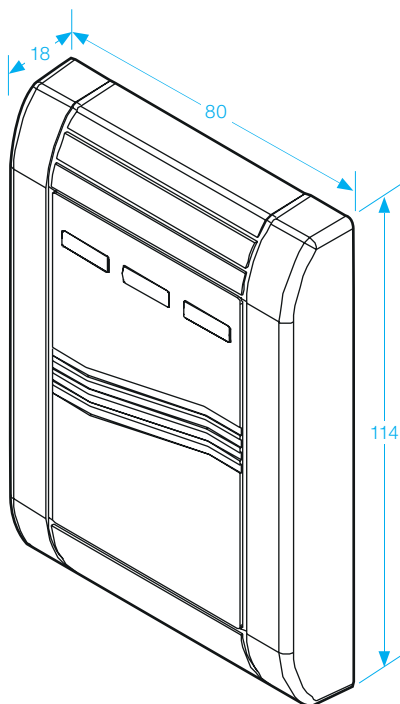
BLACK

**GEM****Standalone Proximity**

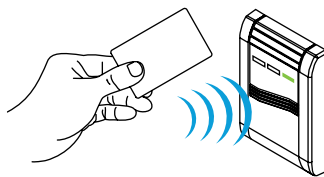
- Operating voltage 12Vdc or 12Vac
- Internal or external use
- ABS plastic
- Allows up to 2000 users
- Self-contained
- Read range 10-15cm
- Fully programmable via master card
- 3 LED displays with audible indication



WEATHER  
RESISTANT  
— IP 67 —

**OPTIONS****STD-PC****STD-PCPS****KT-10BC****KT-15EM****KT-16****621-11****Simulator****ADD mode**

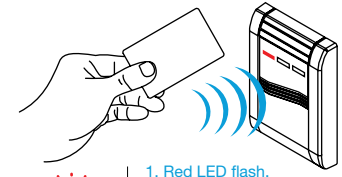
Read the Master Card once.

**1**

1. Green LED flash.
2. Reads new cards.
3. Read master card again, back to standby mode.

**Delete mode**

Read the Master Card twice.

**2**

1. Red LED flash.
2. Reads the cards you want to delete.
3. Read master card again, back to standby mode.

**CLEAR mode**

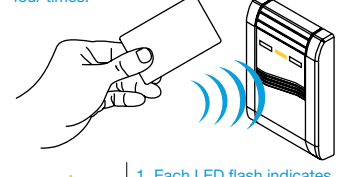
Read the Master Card three times.

**3**

1. Yellow and Red LEDs flash.
2. Read any card (except master card).
3. Memory of all cards is cleared (including master card).

**Relay Strike Time**

Read the Master Card four times.

**4**

1. Each LED flash indicates the opening time is 0.7 seconds.
2. The longest opening time is 42 seconds.

# EPX-10

## Standalone Proximity

- Operating voltage 12Vdc
- ABS plastic
- Allows up to 2000 users
- Weather resistant: IP67
- Infrared programmer



WEATHER  
RESISTANT  
– IP 65 –



OPTIONS

STD-PC



STD-PCPS



KT-10BC



KT-15EM



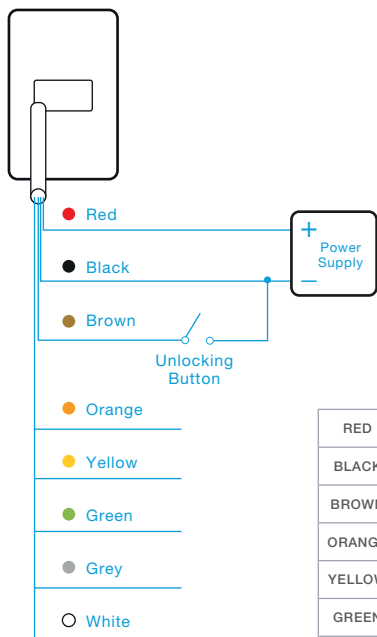
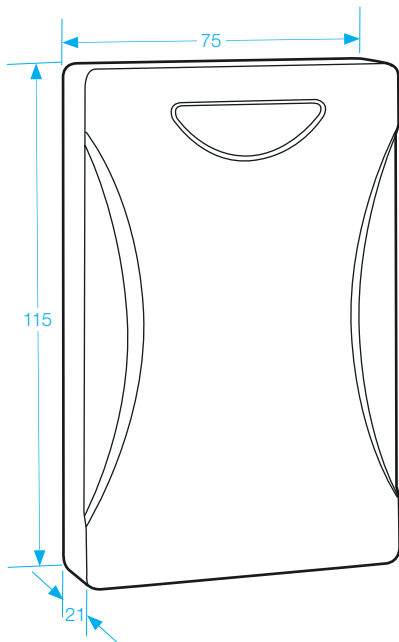
KT-16



621-11



EPX10-HP



|        |                  |
|--------|------------------|
| RED    | POWER + DC12-15V |
| BLACK  | POWER GND        |
| BROWN  | UNLOCKING BUTTON |
| ORANGE | N.C.             |
| YELLOW | COM.             |
| GREEN  | N.O.             |
| GRAY   | 485+             |
| WHITE  | 485-             |

# EPX-20

## Combined Proximity and Keypad Access

- Operating voltage 12Vdc
- ABS plastic
- 1000 users
- Illuminated
- Touch sensitive
- Pin / Prox / Pin & Prox
- Aux weigand output
- LED display



### OPTIONS

STD-PC



STD-PCPS



KT-10BC



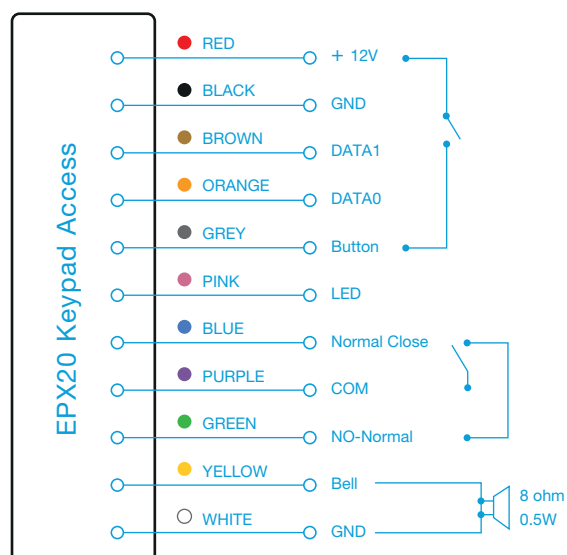
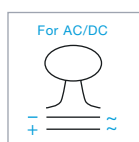
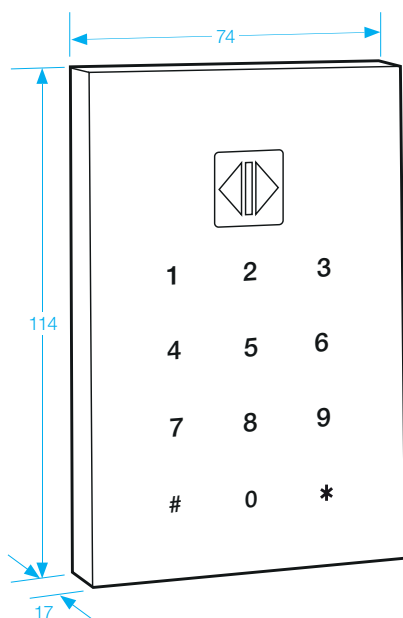
KT-15EM



KT-16



621-11



|       |       |        |       |        |        |        |        |
|-------|-------|--------|-------|--------|--------|--------|--------|
| RED   | + 12V | PINK   | LED   | YELLOW | BELL   | PURPLE | COM    |
| BLACK | GND   | WHITE  | GND   | BROWN  | DATA1  | BLUE   | NORMAL |
| GREEN | N.O.  | ORANGE | DATA0 | GREY   | BUTTON |        |        |

### SPECIFICATION

- Current draw: Pull in: 100mA/12Vdc; Holding: 70mA/12Vdc. Pull in: 50mA/24Vdc; Holding: 35mA/24Vdc.
- Input: Request-to-Exit, time out reed switch contact.
- Output: Dual relays, N.O./N.C/Com.
- Relays rating: 2A MAX@30Vdc., 0.6A@120Vac.

- Programmable 4 digit code.
- RF frequency: EM 125 KHz.
- Relay strike time: 01~99 seconds or toggle mode (00).
- Read range: 5cm. (In noise -free environment).



# SPLIT II

## Standalone Proximity

- Operating voltage 12 or 24Vac/Vdc
- 2000 users relay 1
- 100 users relay 2
- Infra-red programmer
- Reads EM, Mifare and HID cards
- IMPORTANT: Cards for relay 1 do not work on relay 2



INFRA-RED



### OPTIONS

STD-PC



STD-PCPS



KT-10BC



KT-15EM



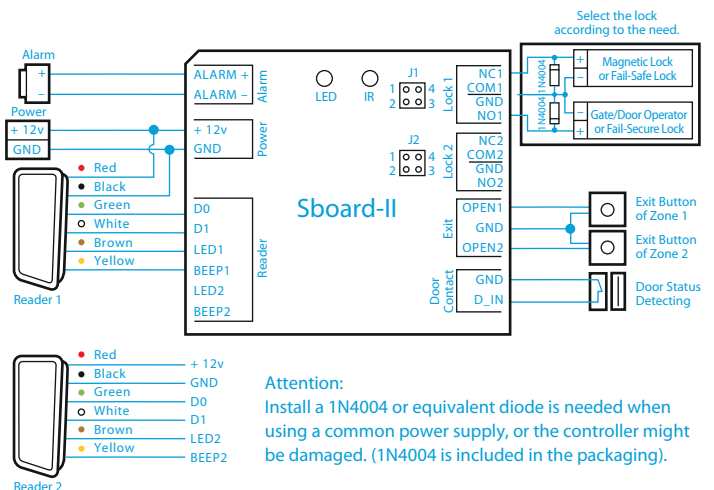
KT-16



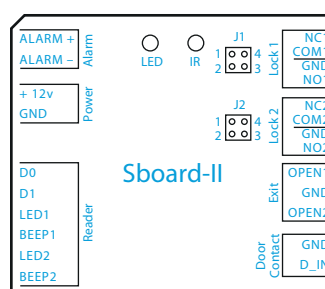
621-11



In-Out Reader



### WHEN USING NO/NC/COM DRY CONTACT OUTPUT



1. Remove the Pin Caps on points 1, 2, 3 and 4 (Remark: J1 (Relay 1) & J2 (Relay2), please check the relay you are using).
2. Insert one of the Pin Caps on point 1 and point 4.
3. Fix the back cover and keep the other Pin Cap well.

| PRODUCT      | DESCRIPTION                              |
|--------------|--|
| SPLIT II-M   | Split Controller with Mullion Reader     |
| SPLIT II-M-2 | Split Controller with 2 x Mullion Reader |
| SPLIT II-W   | Split Controller with wall Reader        |
| SBOARD II    | Controller Only                          |
| MR-900       | Mullion Multi-Tech Reader                |
| EM-901       | Wall Mount EM Reader                     |

# Access Control

## Accessories, Cards, Tags and Tokens

ICS Security Solutions supply a range of cards, tags, tokens and accessories that work in conjunction with our range of access control products.



**STD-PC**

Proximity Card.  
Printed number.  
EM chipset.



**STD-PCPS**

Proximity card.  
Printed number.  
EM chipset.  
With punched slot.



**KT-10BC**

Proximity tag.  
Printed number.  
EM chipset.



**KT-15EM**

Key ring  
proximity tag.  
Printed number.  
EM chipset.



**621-11**

Key ring  
proximity tag.  
Printed number.  
EM chipset.



**KT-16**

Printed number.  
EM chipset.



**KT-16BL**

Printed number.  
EM chipset.



**EPX10-HP**

Infrared for use with  
EPX-10 and EPX-30.

# CCL-K Series

## Keypad Access

- Operating voltage 12Vdc
- Stainless Steel
- Surface or flush mounted
- Allows up to 40 user codes
- 0-99 relay timer
- Backlit



WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



STAINLESS  
STEEL

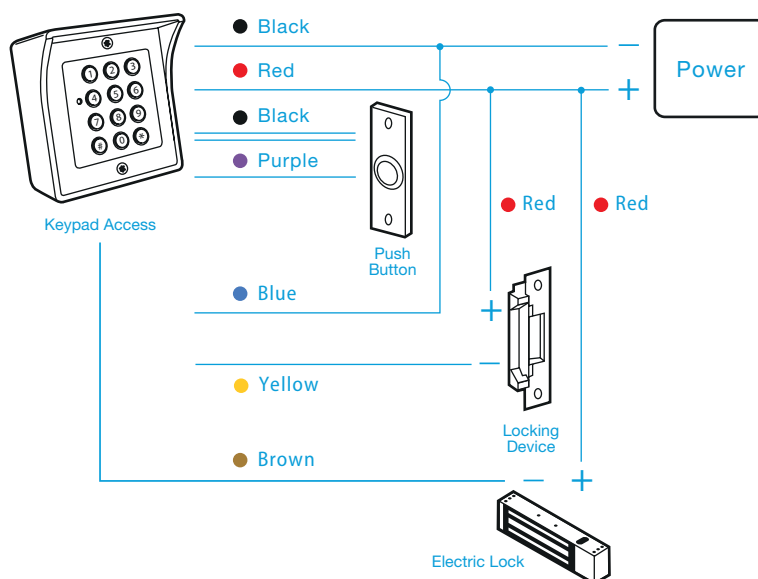
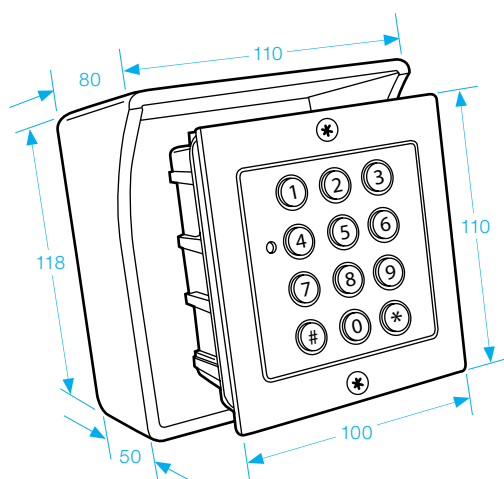
### CCL-1KS

- Surface mount



### CCL-1K

- Flush mount



# KP1000

## Standalone Proximity and Keypad Access

- Operating voltage 12Vdc
- Allows up to 2000 IC card capacity
- Backlit keypad
- Read and register card continuously, submit card number and card code automatically
- Read card to open and close
- Operation mode: Card, code, card or code, card + code
- Door opening signal output by relay directly (NO/NC optional)
- Weather resistant: IP65
- Vandal resistant
- 2 LED displays with audible indication



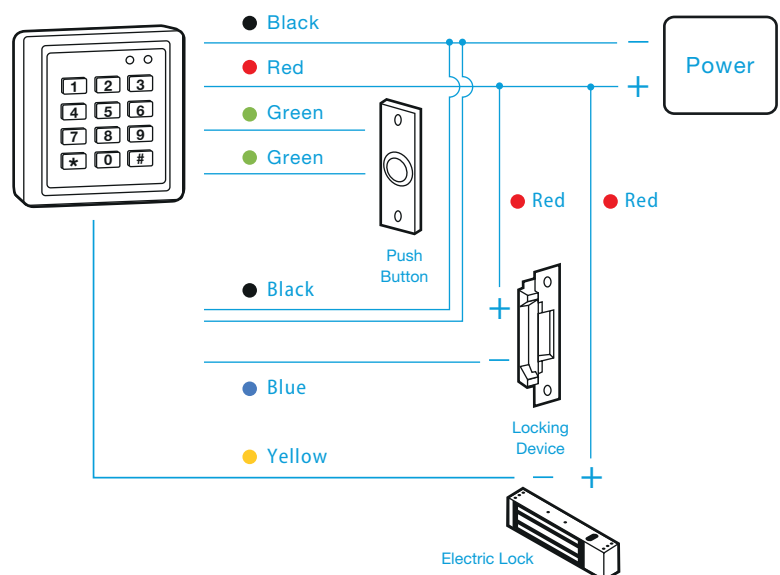
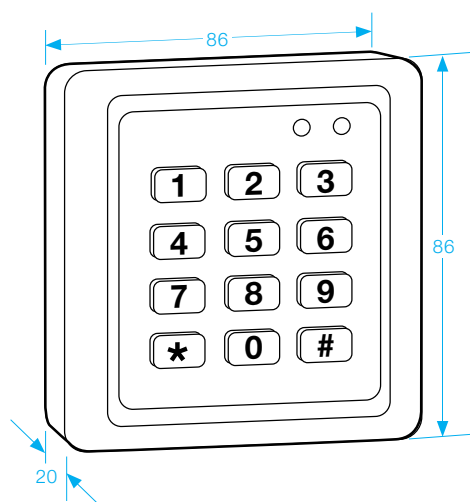
WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



STAINLESS  
STEEL



### SPECIFICATION

- Operating voltage:  $\pm 10\%$ .
- Operating temperature:  $-10 \sim 50^{\circ}\text{C}$  (14 to 131°F).
- Operating current:  $< 0.1\text{A}$
- Capacity of recording: 2000 ID Cards and 1 Group Code
- Card reading distance: 5-15cm.
- Humidity: 20~80% non-condensing.
- Weight: 0.15kg (approx).

# DG-180

## System Keypad with Power Supply

- Operating voltage 12Vdc
- Aluminium alloy casing (*vandal resistant screws for enhanced safety and durability*)
- 1000+10 PIN's
- Touch panel keypad
- Split off controller and keypad for high security
- Non-volatile memory
- Dual relay outputs (*powered for multi-control*)
- Built in anti-tamper switch
- Weather resistant: IP65
- Vandal resistant
- LED display and buzzer for status indication, keypad with beep sound



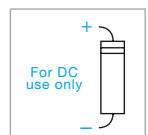
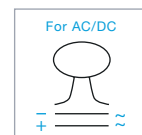
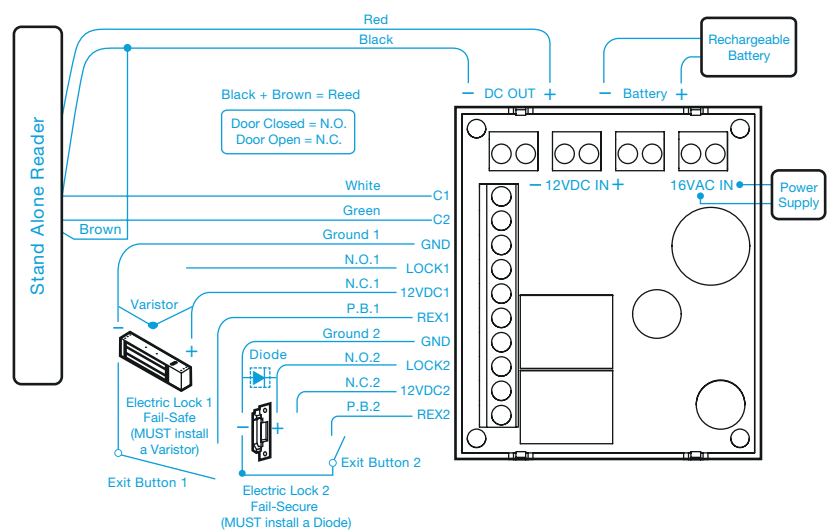
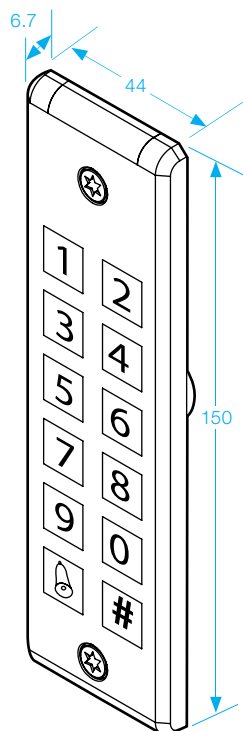
WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT

### Power Supply DG180

- Power input 220Vac
- Power output 12Vdc 2Amp
- Battery charging circuit
- Built-in timer circuit



# DG-25LD

## Standalone Keypad Access



- Operating voltage 12~24Vdc
- Stainless Steel
- Allows up to 49+50 PIN codes
- Backlight keypad
- Dual relays output for multi-control
- Weather resistant
- Vandal resistant
- 3 LED displays with audible indication



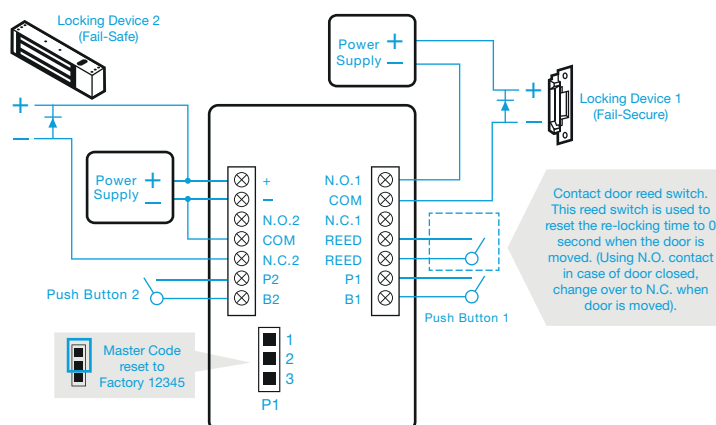
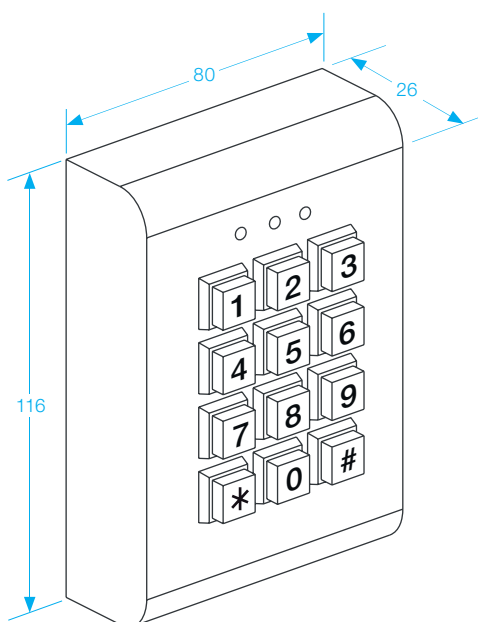
WEATHER  
RESISTANT



STAINLESS  
STEEL



VANDAL  
RESISTANT



### SPECIFICATION

- Current draw: Average 15mA, Peak 60mA@12Vdc.
- Input: 2 x Request-to-Exit, time out reed switch contact.
- Output: Dual relays, N.O./N.C./Com. Output (*free voltage contact*).
- Relays Rating: 2A MAX@30Vdc., 0.4A@120Vac.
- Fully programmable via keypad and master code.
- PIN codes: 5 digit codes only.
- Memory Volume: 49+50 PIN codes.  
Relay 1 is controlled by 001~049 user slots.  
Relay 2 is controlled by 050~099 user slots.
- Relays Activation Time: (\*100,\*200).  
Strike Time: 1~99 seconds.  
Strike mode: Access Timer or Latch.



# DG-15LD

## Standalone Keypad Access

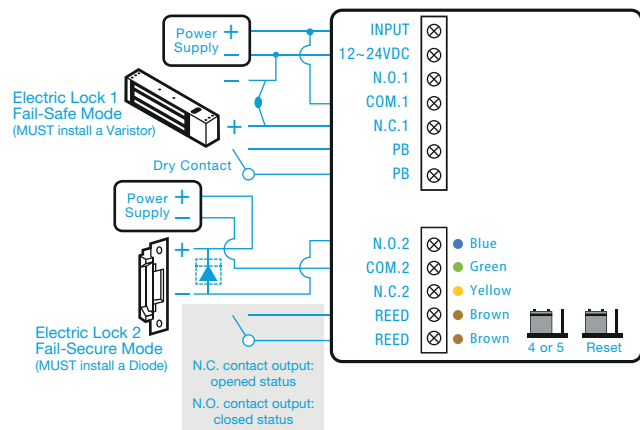
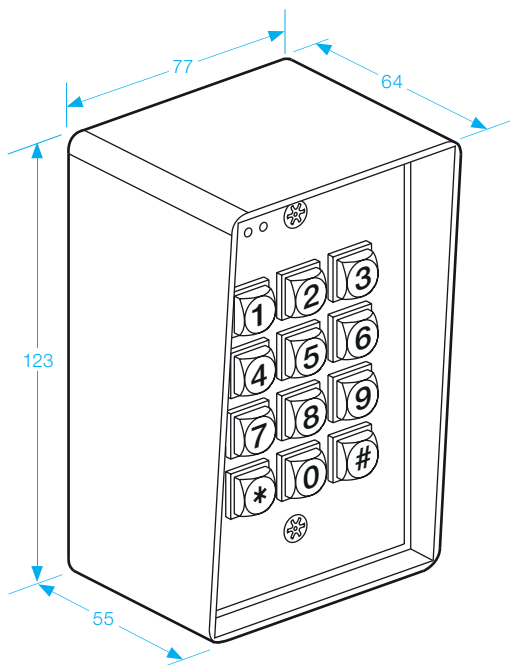
- Operating voltage 12~24Vdc
- Die-cast Aluminium
- Allows up to 20+1 PIN codes
- Backlit keypad
- Dual relays output for multi-control
- Weather resistant
- Vandal resistant
- 3 LED displays with audible indication



WEATHER  
RESISTANT

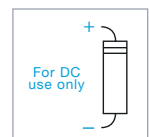
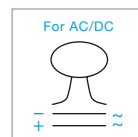


VANDAL  
RESISTANT



### DG-15LD

The door strike or relay must have a varistor or a diode across the door strike terminals to suppress the back EMF of the strike-failure to do so will damage the relay contacts and electronic components, or even burns the controller.



### SPECIFICATION

- Current draw: Average 15mA, Peak 100mA@12Vdc.
- Input: 2 x Request-to-exit, time out reed switch contact.
- Output: Dual relays, N.O./N.C./Com. Output (voltage free contact).
- Relays Rating: 2A MAX@30Vdc, 0.4A@120Vac.
- Fully programmable via keypad and master code.
- Factory master code: 12345.

- Memory Volume: 20+1 PIN codes.  
Relay 1 is controlled by \*01~\*20 user slots.  
Relay 2 is controlled by \*21 user slots.
- Invalid PIN Lock-out: The system will shut down for 60 seconds while 30 codes of incorrectly Master Codes enrolled or Pin codes attempted (None beeper signal of keypad activations).

**DG-101WI**

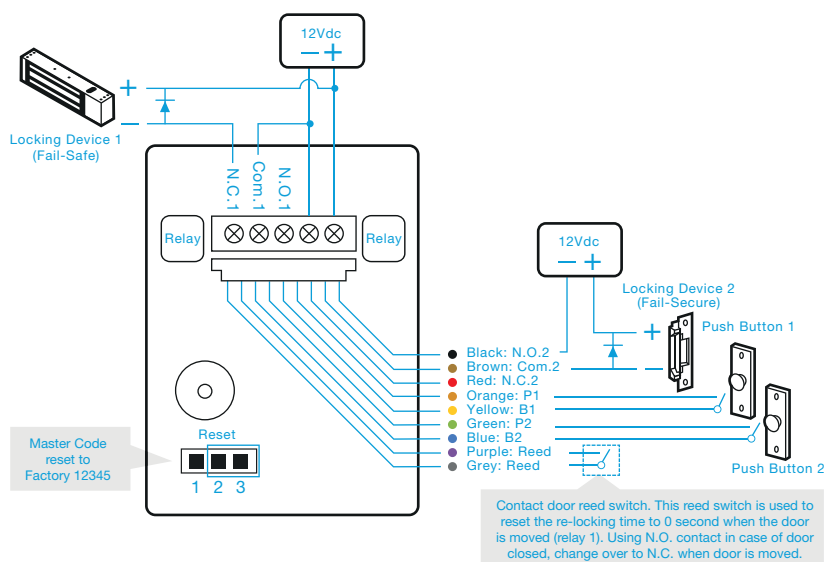
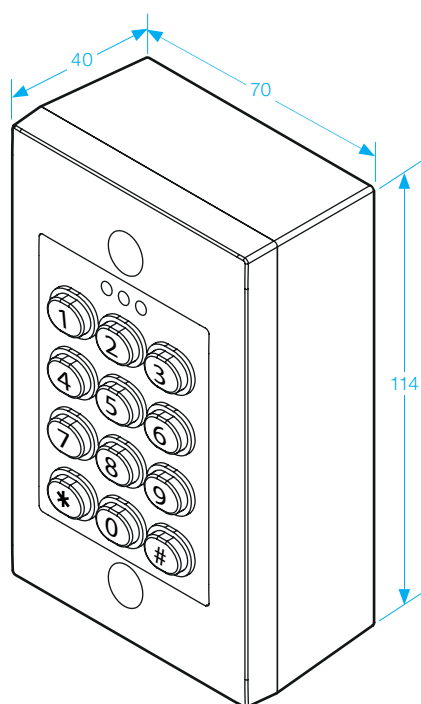
WHITE

**DG-101BA**

BLACK

**GEM****Standalone Keypad Access**

- Operating voltage 12~24Vdc
- ABS plastic
- Allows up to 49+50 PIN codes
- Dual relays output for multi control
- Fully programmable via keypad and master code
- 5 digit codes only
- 3 LED displays with audible indication

**SPECIFICATION**

- Current draw: Pull in: 60mA/12Vdc; Holding: 15mA/12Vdc.
- Output: Dual relays, N.O./N.C./Com.
- Relays rating: 2A@30Vdc, 0.4A@120Vac.

- Memory volume: 49+50 PIN codes.
- Relay 1 is controlled by 001~049 user slots.
- Relay 2 is controlled by 050~099 user slots.

# One K1

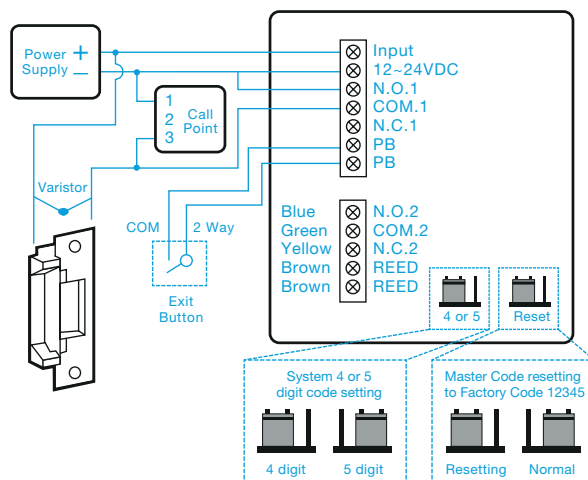
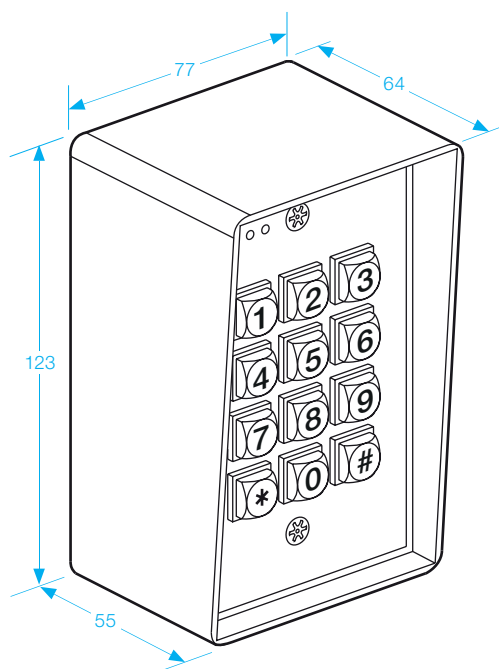
## Single Door Access Kit



*One Door, One Box, One Solution!*

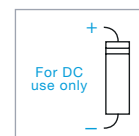
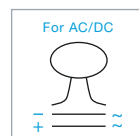
### KIT CONTENTS

- 1 x DG-15LD digital keypad, 21 users
- 1 x 12Vdc, 1Amp boxed power supply
- 1 x M1 lock, fail-secure electric release
- 1 x DRB001N-PTE exit button
- 1 x CP21-N break-glass unit



### ONE K1 SYSTEM

The door strike or relay must have a varistor or a diode across the door strike terminals to suppress the back EMF of the strike-failure to do so will damage the relay contacts and electronic components, or even burns the controller.



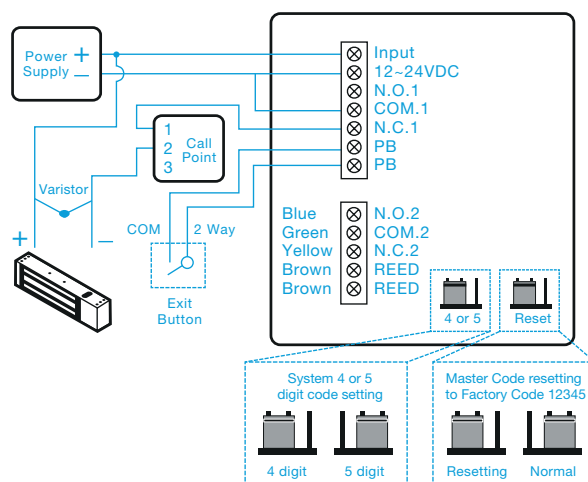
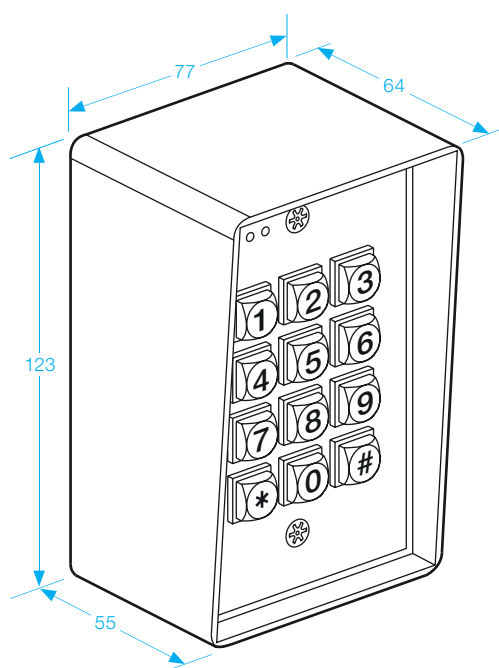
# One K2

## Single Door Access Kit

*One Door, One Box, One Solution!*

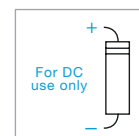
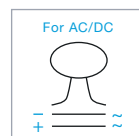
### KIT CONTENTS

- 1 x DG-15LD digital keypad, 21 users
- 1 x 12Vdc, 1Amp boxed power supply
- 1 x U10001 magnetic lock
- 1 x U300ZL Z&L bracket
- 1 x DRB001N-PTE exit button
- 1 x CP21-N break-glass unit



### ONE K2 SYSTEM

The door strike or relay must have a varistor or a diode across the door strike terminals to suppress the back EMF of the strike-failure to do so will damage the relay contacts and electronic components, or even burns the controller.



# One K3

## Single Door Access Kit

*One Door, One Box, One Solution!*

### KIT CONTENTS

1 x EPX10 proximity system,  
2000 users

1 x 12Vdc, 1Amp boxed power supply

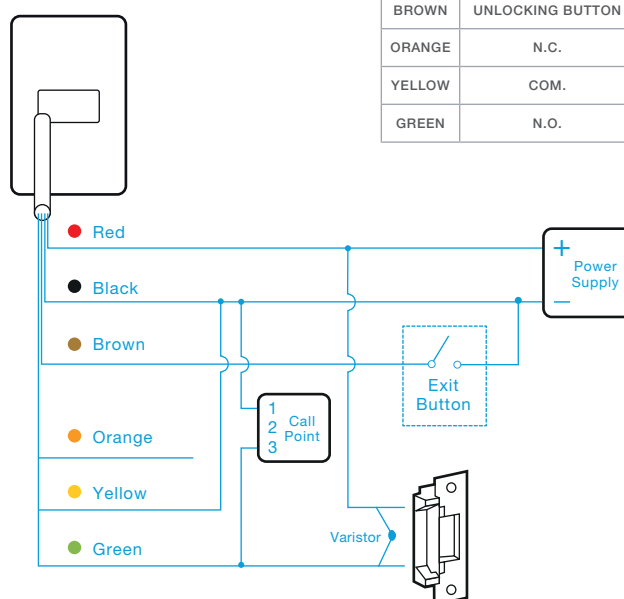
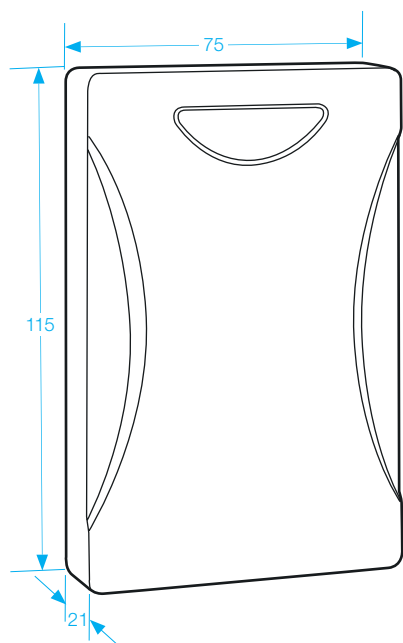
1 x M1 lock, fail-secure electric release

1 x DRB001N-PTE exit button

1 x CP21-N break-glass unit

10 x KT10BC tokens

1 x EPX10-HP



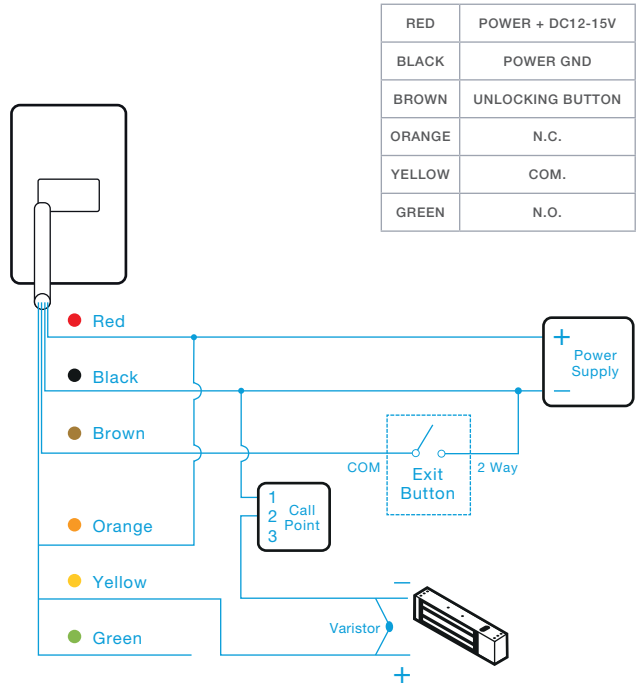
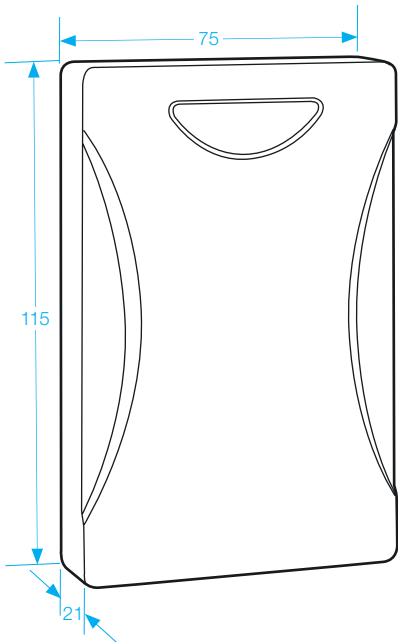
# One K4

## Single Door Access Kit

One Door, One Box, One Solution!

**KIT CONTENTS**

- 1 x EPX10 proximity system, 2000 users
- 1 x 12Vdc, 1Amp boxed power supply
- 1 x U10001 magnetic lock
- 1 x U300ZL Z&L bracket
- 1 x DRB001N-PTE exit button
- 1 x CP21-N break-glass unit
- 10 x KT10BC tokens
- 1 x EPX10-HP





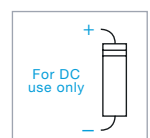
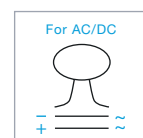
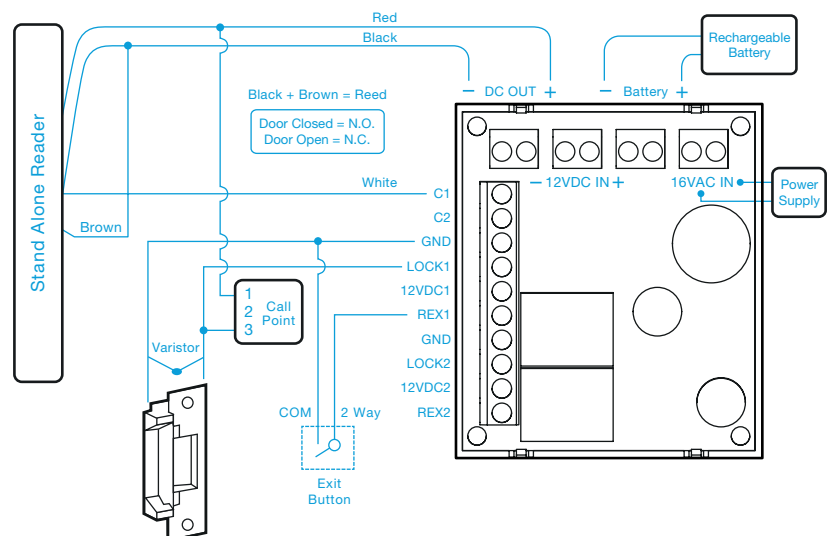
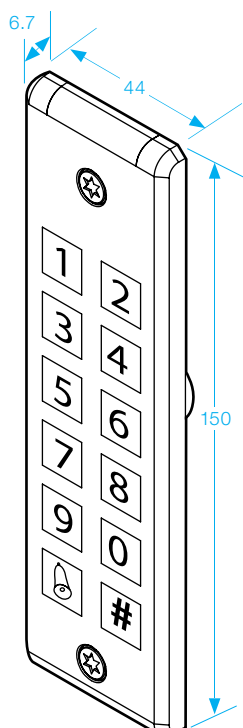
# One K5

## Single Door Access Kit

*One Door, One Box, One Solution!*

### KIT CONTENTS

- 1 x DG180 digital keypad, 1000 users
- 1 x 12Vdc, 2Amp boxed power supply
- 1 x M1 lock, fail-secure electric release
- 1 x DRB001N-PTE exit button
- 1 x CP21-N break-glass unit



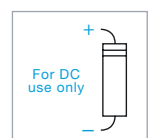
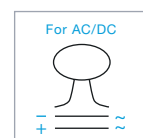
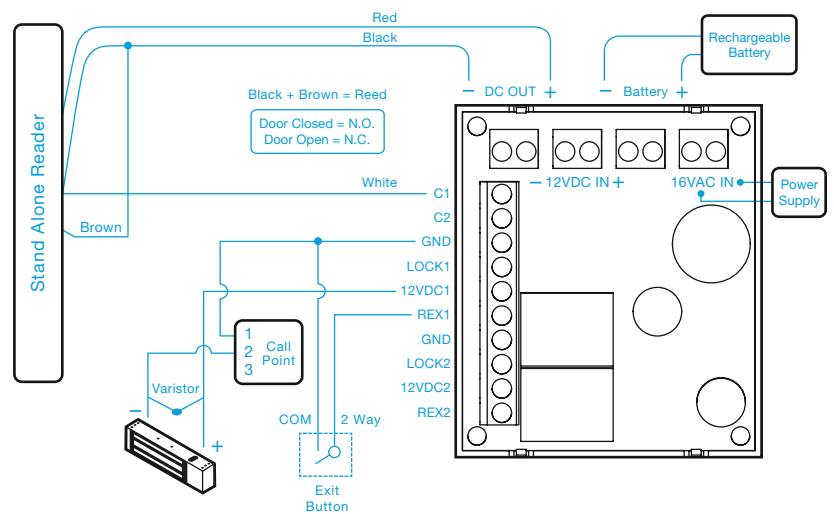
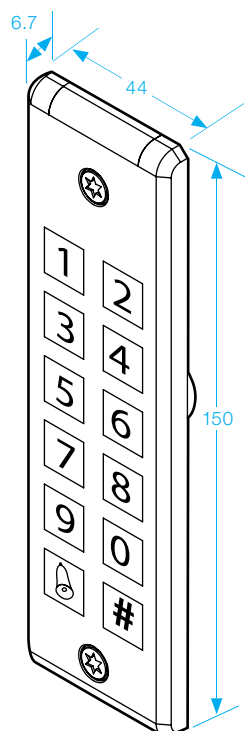
## One K6

## Single Door Access Kit

***One Door, One Box, One Solution!***

## KIT CONTENTS

- 1 x DG180 digital keypad, 1000 users
- 1 x 12Vdc, 2Amp boxed power supply
  - 1 x U10001 magnetic lock
  - 1 x U300ZL Z&L Bracket
- 1 x DRB001N-PTE exit button
- 1 x CP21-N break-glass unit



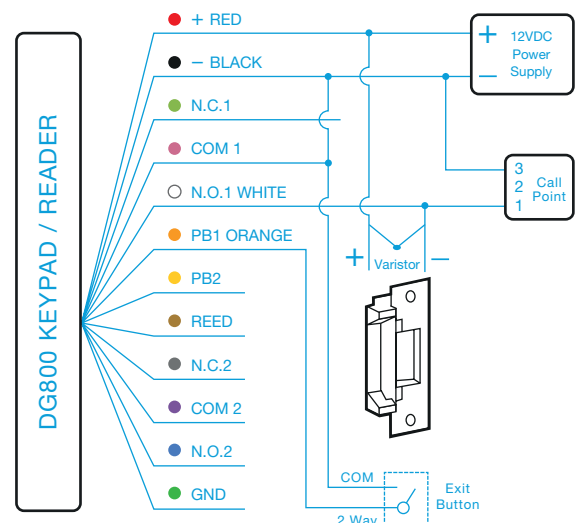
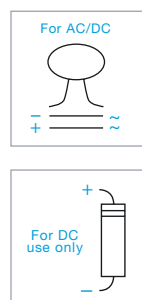
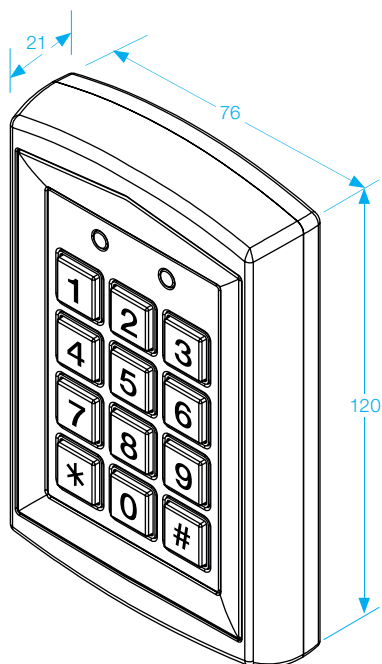
# One K7

## Access Control Kits

*One Door, One Box, One Solution!*

### KIT CONTENTS

- 1 x DG800 proximity system, 2000 users
- 1 x 12Vdc, 1Amp boxed power supply
- 1 x M1 lock, fail-secure electric release
- 1 x DRB001N-PTE exit button
- 1 x CP21-N break-glass unit
- 10 x KT10BC tokens



|             |       |        |        |        |       |        |       |
|-------------|-------|--------|--------|--------|-------|--------|-------|
| RED         | +     | PINK   | COM. 1 | YELLOW | PB2   | PURPLE | COM.2 |
| BLACK       | -     | WHITE  | N.O.1  | BROWN  | REED  | BLUE   | N.O.2 |
| LIGHT GREEN | N.C.1 | ORANGE | PB1    | GREY   | N.C.2 | GREEN  | GND   |

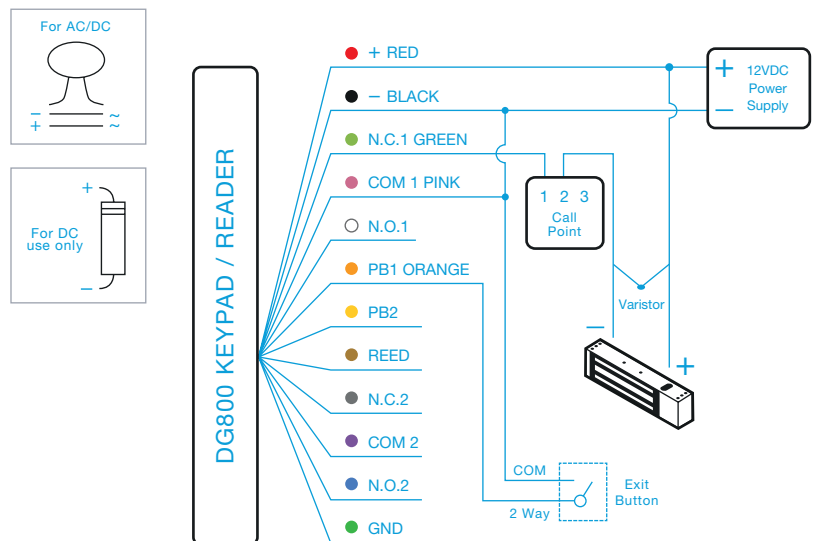
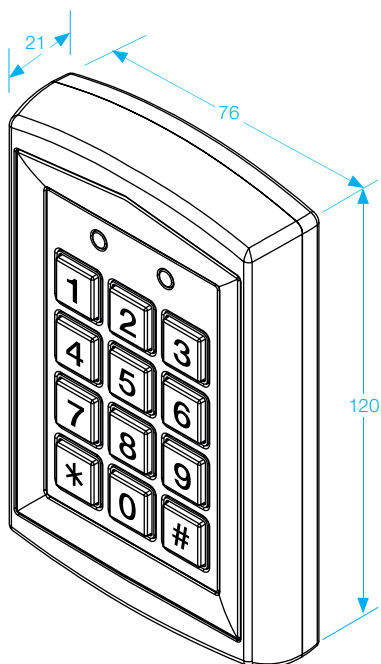
# One K8

## Access Control Kits

*One Door, One Box, One Solution!*

### KIT CONTENTS

- 1 x DG800 proximity system,  
2000 users
- 1 x 12Vdc, 1Amp boxed power supply
- 1 x U10001 magnetic lock
- 1 x U300ZL Z&L Bracket
- 1 x DRB001N-PTE exit button
- 1 x CP21-N break-glass unit
- 10 x KT10BC tokens

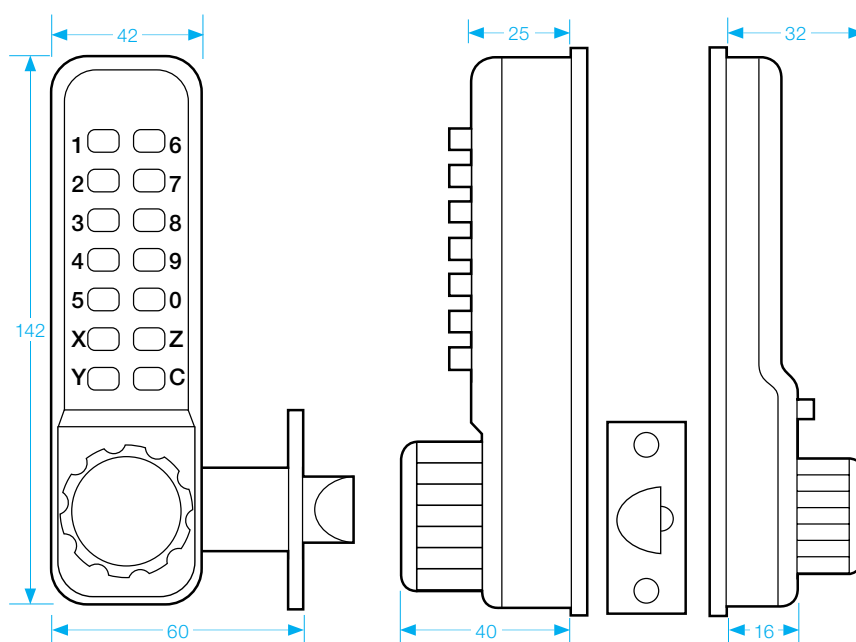


|             |       |        |        |        |       |        |       |
|-------------|-------|--------|--------|--------|-------|--------|-------|
| RED         | +     | PINK   | COM. 1 | YELLOW | PB2   | PURPLE | COM.2 |
| BLACK       | -     | WHITE  | N.O.1  | BROWN  | REED  | BLUE   | N.O.2 |
| LIGHT GREEN | N.C.1 | ORANGE | PB1    | GREY   | N.C.2 | GREEN  | GND   |

# MDL-01

## Mechanical Door Lock


- Zinc Alloy
- Remove lock from door to change code
- Code in / Code out: No
- Single code storage only
- For door thickness 35-65mm ( $1\frac{3}{8}$ "-2 $\frac{1}{2}$ " )
- For left or right handed doors
- 2 part 8mm ( $\frac{5}{16}$ " ) spring loaded spindle
- Internal or external use
- Type to front and back plates only




# Thinline Series

## Piezoelectric System Keypads

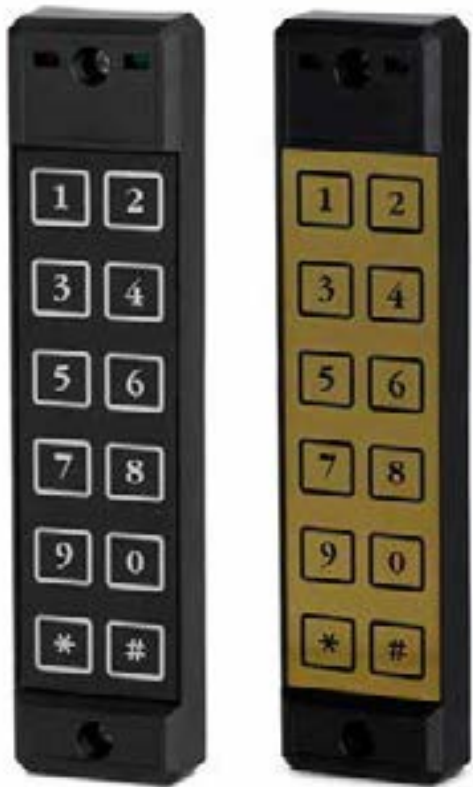
- Operating voltage 5 or 12Vdc
- Heavy duty
- Surface or mullion mount
- Industry standard outputs available
- No moving parts to wear out
- Laser marked keypad graphics
- Weather resistant: IP65
- Vandal resistant
- Limited lifetime warranty



WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



### ORDERING GUIDE

| A             |                    |
|---------------|--------------------|
| CHOOSE OUTPUT |                    |
| 10            | 26 Bit Wiegand     |
| 16            | 8 Bit Word         |
| 17            | ABA Track II       |
| 19            | Infrared/Bar Code  |
| 22            | BCD                |
| 32            | X-Y Row and Column |
| 40            | 2 of 7             |
| 485           | RS-485             |
| 98            | Serial ASCII       |
| 1000          | HID Corporate 1000 |

#### CUSTOM OUTPUTS AVAILABLE

26 Bit Wiegand: Field Programmable Site Code (000-255).

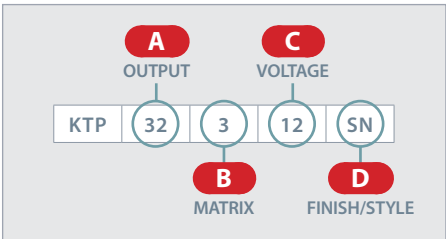
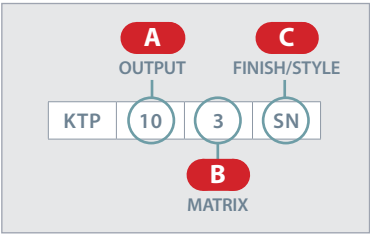
Serial ASCII: Field Selectable Baud Rate (up to 19.2kps) Parity Option (None, Odd or Even). RS-485: Field Selectable Baud Rate (up to 115.2kps) Parity Option, Polling or Event Mode).

| B               |                |
|-----------------|----------------|
| INDICATE MATRIX |                |
| 2               | Thinline 2 x 6 |

| C                    |         |
|----------------------|---------|
| CHOOSE VOLTAGE       |         |
| (X-Y or 2 of 7 only) |         |
| 5                    | 5 Volt  |
| 12                   | 12 Volt |

| D                   |                         |
|---------------------|-------------------------|
| CHOOSE FINISH/STYLE |                         |
| SN                  | Stainless Steel Overlay |
| LI                  | Black Illumin. Overlay  |
| BN                  | Brass Overlay           |
| LR                  | Braille Overlay         |

#### EXAMPLES



#### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Standby current draw:  $< 20\text{mA}$  Non-illuminated,  $< 60\text{mA}$  illuminated (at temperature  $20^{\circ}\text{C}$ ).
- Input voltage: 5 or 12V field selectable (Except X-Y and 2 or 7 outputs).
- Keypad switch lifecycle:  $> 1$  Billion Cycles.
- Operating temperature:  $-40\sim 70^{\circ}\text{C}$  ( $-40$  to  $160^{\circ}\text{F}$ ).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 100% relative.
- Weight: 125g (approx).



# KTP 12 Series

## Piezoelectric System Keypads



- Operating voltage 5 or 12Vdc
- Heavy duty
- Single gang or mullion mount
- Industry standard outputs available
- No moving parts to wear out
- Laser marked keypad graphics
- Weather resistant: IP65
- Vandal resistant
- Limited lifetime warranty



WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



### ORDERING GUIDE

**A**

#### CHOOSE OUTPUT

|      |                    |
|------|--------------------|
| 10   | 26 Bit Wiegand     |
| 16   | 8 Bit Word         |
| 17   | ABA Track II       |
| 19   | Infrared/Bar Code  |
| 22   | BCD                |
| 32   | X-Y Row and Column |
| 40   | 2 of 7             |
| 485  | RS-485             |
| 98   | Serial ASCII       |
| 1000 | HID Corporate 1000 |

#### CUSTOM OUTPUTS AVAILABLE

26 Bit Wiegand: Field Programmable Site Code (000-255).

Serial ASCII: Field Selectable Baud Rate (up to 19.2kps) Parity Option (None, Odd or Even). RS-485: Field Selectable Baud Rate (up to 115.2kps) Parity Option, Polling or Event Mode).

**B**

#### INDICATE MATRIX

3 12 Pad 3x4

**C**

#### CHOOSE VOLTAGE

(X-Y or 2 of 7 only)

5 5 Volt

12 12 Volt

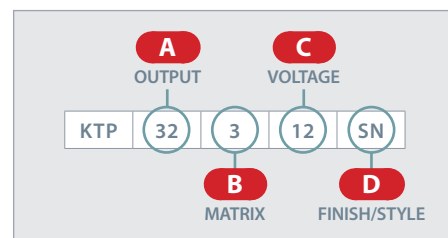
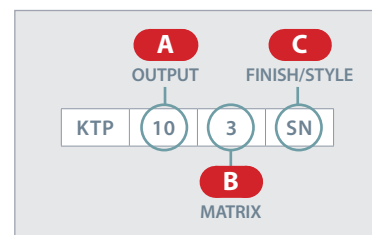
**D**

#### CHOOSE FINISH/STYLE

|    |                       |
|----|-----------------------|
| XX | No Bezel              |
| SN | Stainless Steel Bezel |
| KN | Black Bezel           |
| BN | Brass Finished Bezel  |

Actual bezel is Stainless Steel with long lasting Brass appearance PVD coating.

#### EXAMPLES



#### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Standby current draw:  $< 20\text{mA}$  Non-illuminated,  $< 60\text{mA}$  illuminated (at temperature  $20^\circ\text{C}$ ).
- Input voltage: 5 or 12V field selectable (Except X-Y and 2 of 7 outputs).
- Keypad switch lifecycle:  $> 1$  Billion Cycles.
- Operating temperature:  $-40 \sim 70^\circ\text{C}$  ( $-40$  to  $160^\circ\text{F}$ ).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 100% relative.
- Weight: 454g (approx).

**TO ORDER**

# You're safe ordering with ICS Security Solutions?

*ICS are importers and manufacturers of security equipment. We have over 50 years of knowledge and experience in the industry, including 15 years of working onsite in installation environments.*



## It's Easy!

Contact our dedicated technical and sales team by any of the means below before 4pm, and your order will be dispatched on our next day Standard Delivery Service to be with you by 6pm.



**Tel: 01604 879300**



**Fax: 01604 859545**



**Email: [orderline@icssecurity.co.uk](mailto:orderline@icssecurity.co.uk)**



**Up to 6.00pm**

**REQUIRE DELIVERY BEFORE 6PM, THEN WHY NOT UPGRADE TO ONE OF OUR EXPRESS SERVICES.**



**NOTE: All prices for packages up to 60kg.**

Please call ICS for our most up to date Standard and Express delivery charges.

*"Setting the Standard in Access Control"*

# ADDITIONAL EQUIPMENT



|                           |         |
|---------------------------|---------|
| Power Supplys             | 72 - 80 |
| Smallbox Power Supplys    | 72 - 74 |
| Mini Power Supplys        | 81      |
| Timer                     | 81      |
| Fused Distribution Boards | 82      |
| Batteries                 | 83      |
| LED Lights                | 83      |

|                          |         |
|--------------------------|---------|
| Relays                   | 84      |
| Adjustable Timers        | 85      |
| Interlock Module         | 86      |
| Interlock Control System | 86      |
| Delay Egress             | 86      |
| Door Loops               | 87      |
| Posts                    | 88 - 90 |



# PS1A-12VS

## Smallbox Power Supply

SWITCH

- 220Vac power input
- 12Vdc 1Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 225 | 195 | 80 |



OPTION

B5/7



# PS1A-12VL

## Power Supply

SWITCH

- 220Vac power input
- 12Vdc 1Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 305 | 304 | 85 |



OPTION

B5/7



# PS2A-12VS

## Smallbox Power Supply

SWITCH

- 220Vac power input
- 12Vdc 2Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 225 | 195 | 80 |



OPTION

B5/7





# PS2A-12VL

Power Supply SWITCH

- 220Vac power input
- 12Vdc 2Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 305 | 304 | 85 |



# PS3A-12VS

Smallbox Power Supply SWITCH

- 220Vac power input
- 12Vdc 3Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 225 | 195 | 80 |



# PS3A-12VL

Power Supply SWITCH

- 220Vac power input
- 12Vdc 3Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 305 | 304 | 85 |





# PS5A-12VS

## Smallbox Power Supply

SWITCH

- 220Vac power input
- 12Vdc 5Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 225 | 195 | 80 |



# PS5A-12VL

## Power Supply

SWITCH

- 220Vac power input
- 12Vdc 5Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 305 | 304 | 85 |



# APSU3A-12

## Smallbox Power Supply

SWITCH

- 12Vdc 3Amp
- Metal hinged box
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 265 | 195 | 72 |





# PS10A-12VL

## Power Supply

SWITCH

- 220Vac power input
- 12Vdc 10Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable

| H   | W   | D   |
|-----|-----|-----|
| 392 | 285 | 165 |



# PS10A-12XVL

## Power Supply

SWITCH

- 220Vac power input
- 12Vdc 10Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable

| H   | W   | D  |
|-----|-----|----|
| 700 | 600 | 85 |





# PSP3A-12VS

Power Supply SWITCH

- 220Vac power input
- 12Vdc 3Amp output
- Plastic box
- Deep discharge protection
- LED Indicators
- Lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 225 | 195 | 80 |



# PSP3A-12VS-AC

Power Supply SWITCH

- 220Vac power input
- 12Vdc 3Amp output
- Plastic box
- Deep discharge protection
- LED Indicators
- Lockable
- Battery charging circuit
- Separate terminals for access control

| H   | W   | D  |
|-----|-----|----|
| 225 | 195 | 80 |

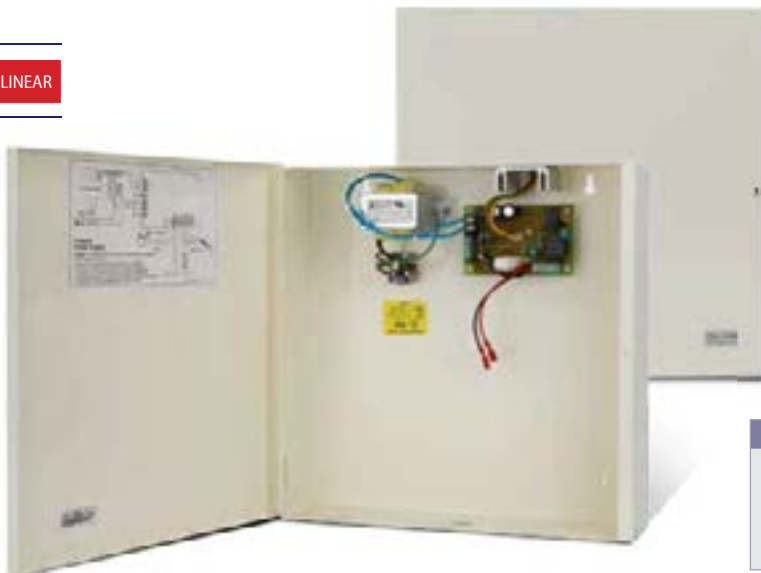


# PSU200 33

Power Supply LINEAR

- 230Vac power input
- 12Vdc 2Amp output
- Metal box
- Battery charging circuit
- Built-in timer circuit

| H   | W   | D  |
|-----|-----|----|
| 330 | 330 | 80 |





# PS1A-24VL

Power Supply SWITCH

- 220Vac power input
- 24Vdc 1Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 305 | 304 | 85 |



# PS3A-24VL

Power Supply SWITCH

- 220Vac power input
- 24Vdc 3Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 305 | 304 | 85 |



# PS5A-24VL

Power Supply SWITCH

- 220Vac power input
- 24Vdc 5Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Battery charging circuit

| H   | W   | D  |
|-----|-----|----|
| 305 | 304 | 85 |



# PS10A-24VL

## Power Supply

SWITCH

- 220Vac power input
- 24Vdc 10Amp output
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable

| H   | W   | D   |
|-----|-----|-----|
| 392 | 285 | 165 |

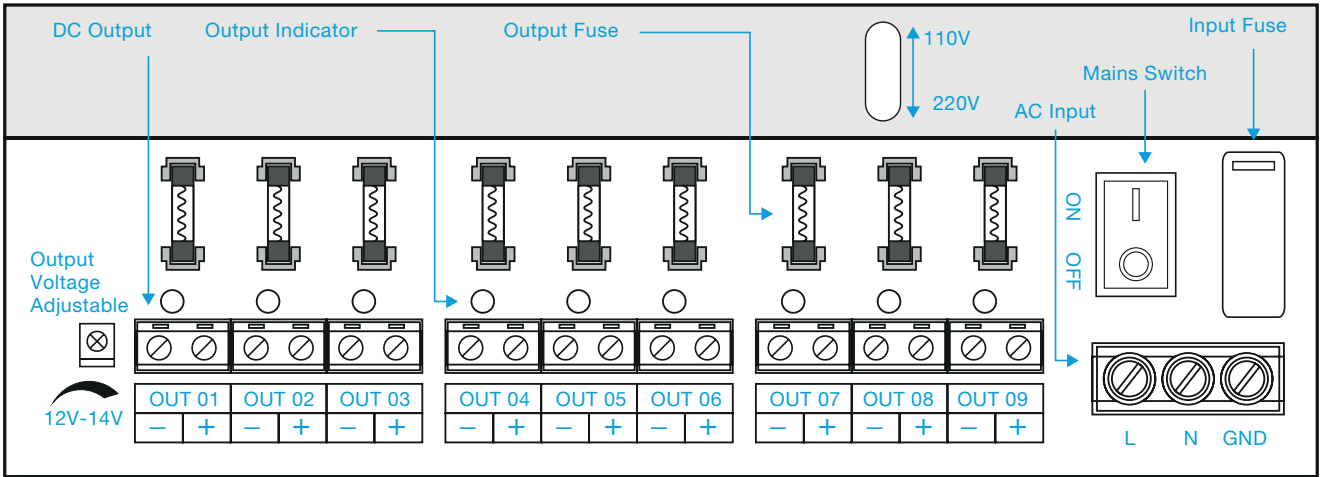


# PS10A-9CH-12VS

## Power Supply

- 200-240Vac 50/60Hz power input
- 12.0-14Vdc (*adjustable*)
- Max load 10A
- Metal hinged box
- Deep discharge protection
- LED Indicators
- Key lockable
- Mains power light indicator

| H   | W   | D  |
|-----|-----|----|
| 185 | 275 | 55 |



| SPECIFICATION                                   |  |                                   |
|---|--|-----------------------------------|
| • Voltage tolerance: $\pm 15\%$ .               | • Ripple: 100mV max  | • Humidity: 0~95% non-condensing. |
| • Output fuse: 1.5A 250V ( <i>glass fuse</i> ). | • Operating temperature: $-20\sim 45^{\circ}\text{C}$ ( $14$ to $131^{\circ}\text{F}$ ). |                                   |
| • Max load current: 10A                         |  |                                   |



## PSU12-12TB

### Mini Power Supply

- Power input 230Vac
- 12Vdc 1A (12 Watts)

| H  | W  | D  |
|----|----|----|
| 50 | 48 | 40 |



## PSU12-24TB

### Mini Power Supply

- Power input 230Vac
- 24Vdc 0.5A (12 Watts)

| H  | W  | D  |
|----|----|----|
| 50 | 48 | 40 |



## TIM 12

## TIM 24

### Timers

- Operating voltage 12 or 24Vac/Vdc
- Auto BST
- 18 different programme modes
- Manual override
- Lithium battery back up
- LCD Display



## GPD 3015 PLUS

### Fused Distribution Board

- Operating voltage 12~24Vdc
- 5 outputs
- Thermal fuses

| H  | W  | D  |
|----|----|----|
| 73 | 64 | 23 |



## PSM-S1A-12V

### Fused Distribution Board

- Power input 12~24Vdc/Vac
- Power output 12Vdc

| H  | W  | D  |
|----|----|----|
| 73 | 64 | 23 |



## GFB 04

### Fused Distribution Board

- Power input 12Vdc
- Output 12Vdc
- 4 Outputs

| H  | W  | D  |
|----|----|----|
| 60 | 70 | 15 |



## SM 1224-1A

### Control Module

- Power input 12~24Vac/DC
- Power output 12Vdc/1Amp

| H  | W  | D  |
|----|----|----|
| 16 | 60 | 40 |



## SM 1228

### Reducing Converter Module

- Power input 24Vdc
- Power output 12Vdc/1Amp

| H  | W  | D  |
|----|----|----|
| 39 | 27 | 15 |



BT

Batteries

- 12Vdc
- Sealed lead acid

| PRODUCT | V  | AH  | H   | W   | D  |
|---------|----|-----|-----|-----|----|
| B5/1.3  | 12 | 1.3 | 57  | 97  | 43 |
| B5/2    | 12 | 2.3 | 178 | 61  | 35 |
| B5/3.4  | 12 | 3.3 | 100 | 135 | 66 |
| B5/4.5  | 12 | 4.5 | 100 | 90  | 70 |
| B5/7    | 12 | 7   | 150 | 65  | 99 |
| B5/18   | 12 | 18  | 165 | 180 | 70 |



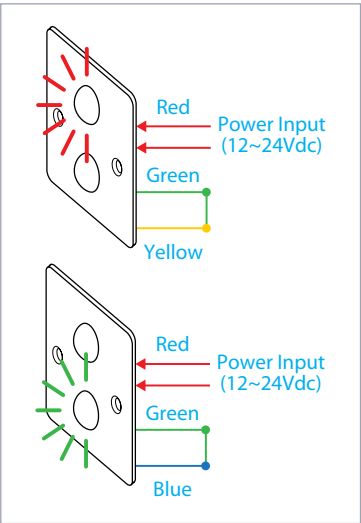
TLM



LED Light

- Operating voltage 12/24Vdc
- Adjustable programme
- Surface or flush mount
- LED indicator ● Red ● Green

| PRODUCT | H   | W  | D  |
|---------|-----|----|----|
| TLM 200 | 85  | 85 | 2  |
| TLM 100 | 115 | 44 | 33 |



TLM 200

TLM 100

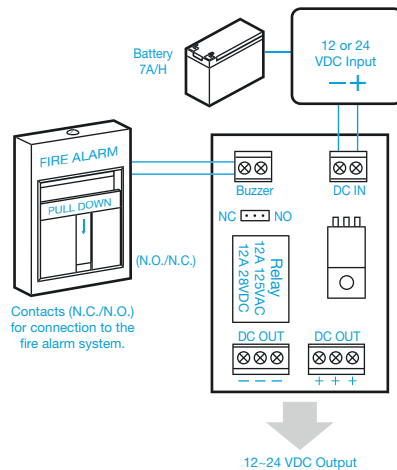


# FFP 1224

## Relay

- Power Input 12~24Vdc
- 12Amp/28Vdc rated relay
- Fire alarm release module

| H  | W  | D  |
|----|----|----|
| 59 | 47 | 20 |

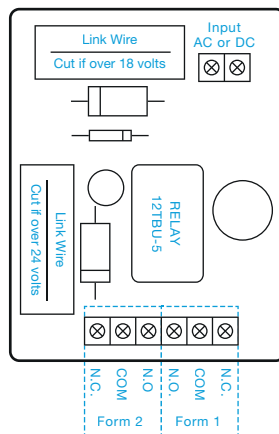


# DBR 200

## Relay

- Power Input 12~28Vac/Vdc
- Output two volt-free contacts
- Double pole change-over contact

| L  | W  | D  |
|----|----|----|
| 69 | 59 | 30 |



# DBR 100

## Relay

- Power input 12Vdc
- Relay rating 5A 25Vac / 10A 125Vac
- NO/NC/COM
- LED indicator

| L  | W  | D  |
|----|----|----|
| 35 | 35 | 20 |

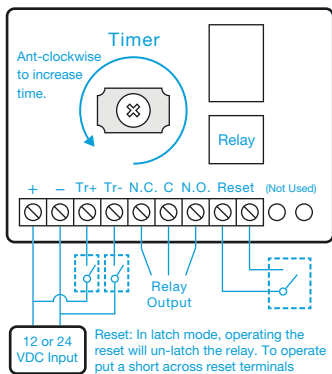


# RT 110

## Adjustable Timer

- Power input 12~24Vdc
- Adjustable timer 1 sec to 10 mins
- + or – trigger

| H  | W  | D  |
|----|----|----|
| 63 | 73 | 20 |

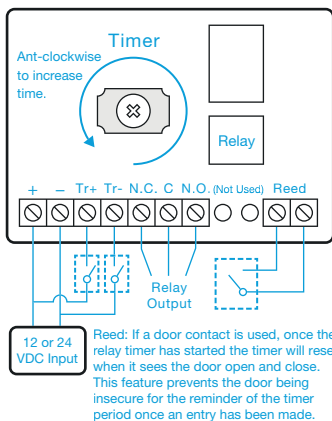


# RT 115

## Adjustable Timer

- Power input 12~24Vdc
- Adjustable timer 0-15 secs
- 5Amp relay rated
- + or – trigger

| H  | W  | D  |
|----|----|----|
| 63 | 73 | 20 |



# MT Relay

## Timer Relay

- Power input 12Vdc
- Timer relay 0-30 secs
- NO/NC/COM
- 1 Output
- VE Trigger

| L  | H  | D  |
|----|----|----|
| 60 | 40 | 20 |



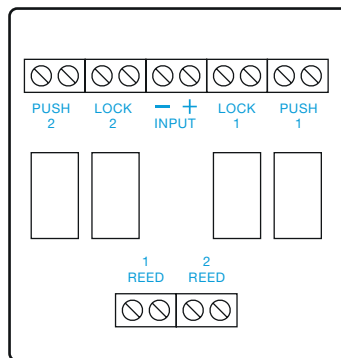


## ILM 200

### Interlock Module

- Power input 12~24Vdc
- 3A/125 Vac relay rating
- Interlock Module (2 door)

| H  | W  | D  |
|----|----|----|
| 73 | 63 | 20 |



## ILM600

### Interlock Control System

- Power input 230Vac
- Operating output 12Vdc 5Amp
- Controls up to 6 doors
- Can be used as manual 6 door controller
- Battery charging circuit

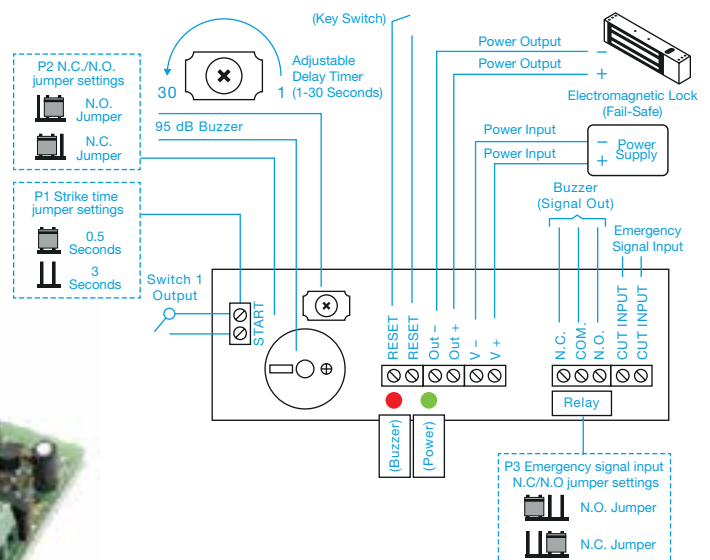
| H   | W   | D  |
|-----|-----|----|
| 185 | 230 | 70 |



## DEM 100

### Delay Egress

- Power input 12Vdc
- Adjustable timer 1-30 Secs
- Relay rated 3A/12Vdc
- Adjustable delayed output





# DL

## Door Loops

- Surface door loop
- Armoured



### DL850

850mm  
cable length.

### DL700

610mm  
cable length.

### DL350

400mm  
cable length.

### DL350-S

400mm  
cable length.  
Spring.



### DL200

400mm  
cable length.  
Plastic Ends.



### DL400

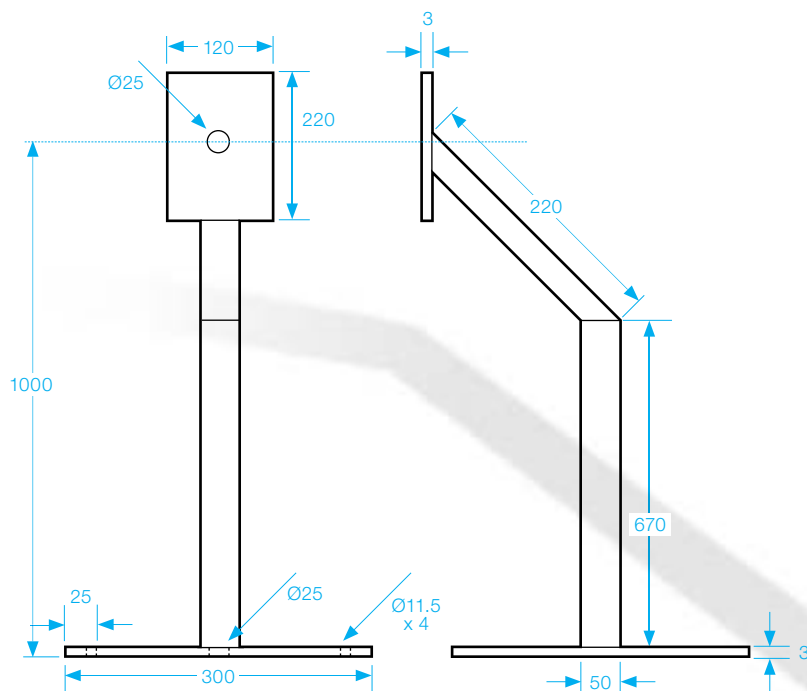
290mm  
cable length.  
Concealed  
door loop.



# Post-M-G

## Stainless Steel Post

- Car or pedestrian height
- Black finish
- Pre-drilled cable entry
- Adaptable mounting plate
- Optional special finishes



# Post-SS-S-C

## Stainless Steel Posts

- Car or pedestrian height
- Round
- Stainless Steel construction
- Unique interchangeable mounting



STAINLESS  
STEEL



CAMERA/ CALL BUTTON  
CONTROL PANEL



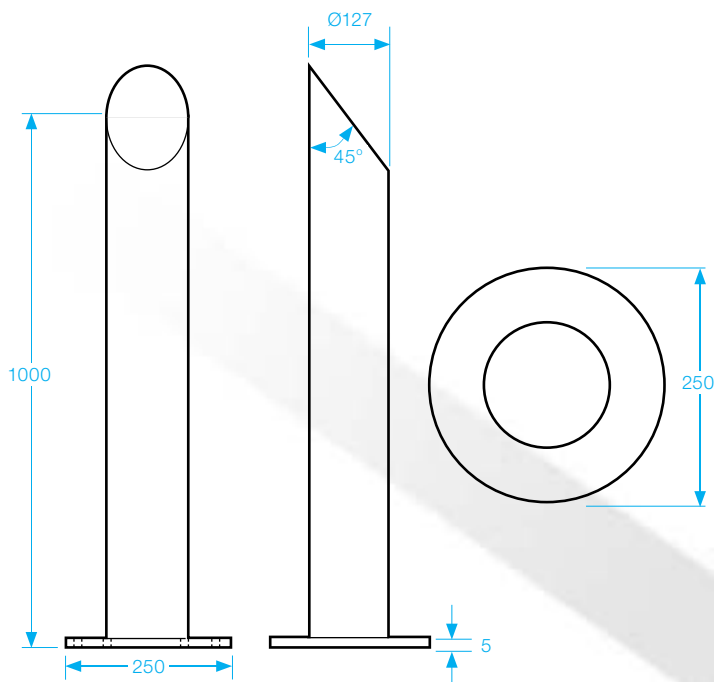
PROXIMITY READER  
CONTROL PANEL



KEYPAD  
CONTROL PANEL



FOR CUSTOMER FITTED  
CONTROL PANELS



# Post-SS-BG-CUT

## Stainless Steel Posts

- With BGU cut-out
- Car or pedestrian height
- Round
- Stainless Steel construction
- Unique interchangeable mounting



STAINLESS  
STEEL



CAMERA/ CALL BUTTON  
CONTROL PANEL



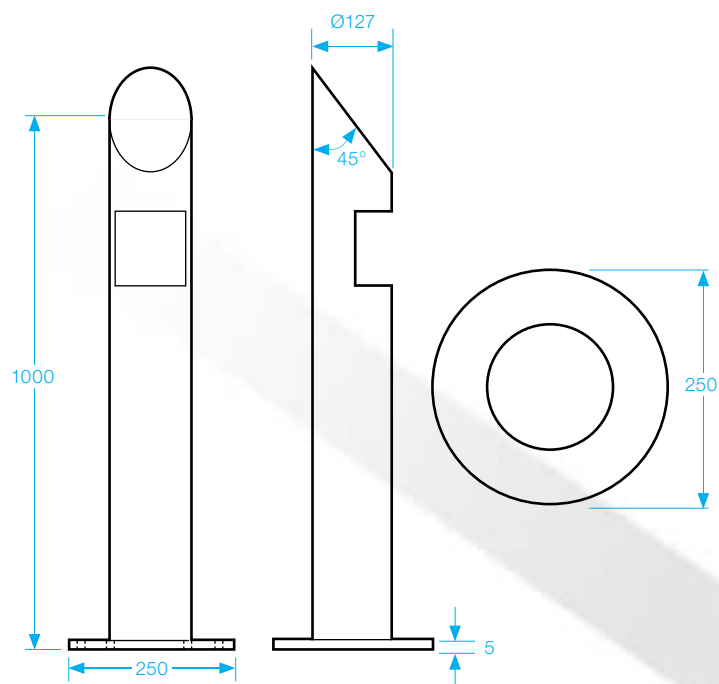
PROXIMITY READER  
CONTROL PANEL



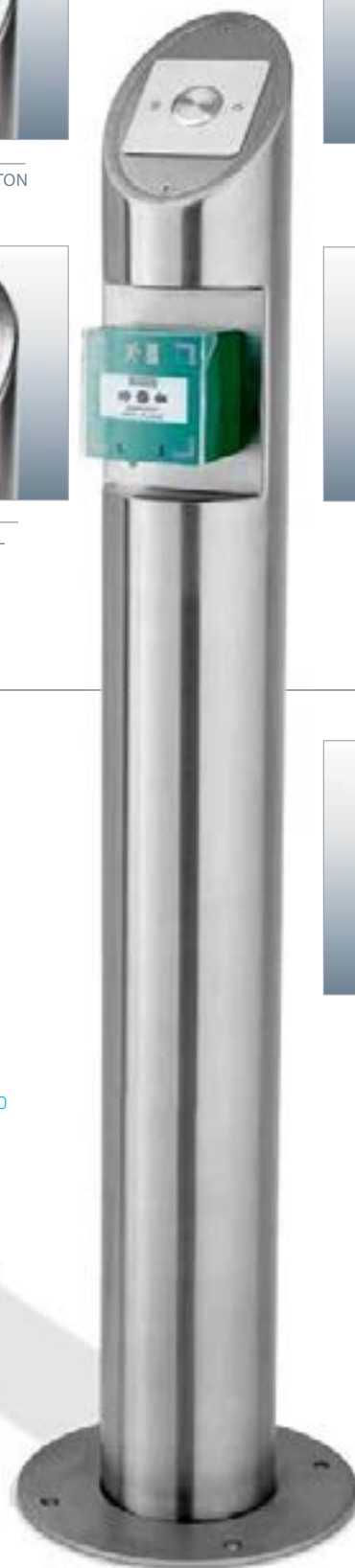
KEYPAD CONTROL  
PANEL



FOR CUSTOMER FITTED  
CONTROL PANELS



BGU CUT-OUT FOR  
CUSTOMER FITTED  
EXIT DEVICES



# EXIT DEVICES



|  |           |
|--|-----------|
| Exit Buttons                                       | 93 - 129  |
| Brass Exit Buttons                                 | 104       |
| Specials: Customise your buttons with logo or text | 107       |
| ITW Buttons  | 108 - 117 |
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| Wireless Exit Buttons                              | 125       |
| LED Illuminated Exit Buttons                       | 126 - 130 |

|                         |           |
|-------------------------|-----------|
| Elbow Exit Button       | 129       |
| Touch Sensitive Buttons | 131 - 132 |
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| Double Back Box         | 134       |
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|                         |           |
|-------------------------|-----------|
| Break Glass Call Points | 142       |
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| Euro Stoppers           | 150       |
| Microwave Detector      | 152       |
| Infra Red Exit Sensor   | 153       |

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selection of the  
many button and  
text combinations  
available from  
**ICS!**



*"Setting the Standard in Access Control"*



# DRB-Euro

## Exit Button

- Operating voltage 12-24Vdc
- Legend: Press to Open
- Silver finish ABS plastic surround
- Metal button
- Surface mount
- Momentary
- COM / NO / NC / Change-over-contacts
- LED Illumination: ● Red and ● Green

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 26 |

## DRB-Euro-Silver

SILVER BUTTON

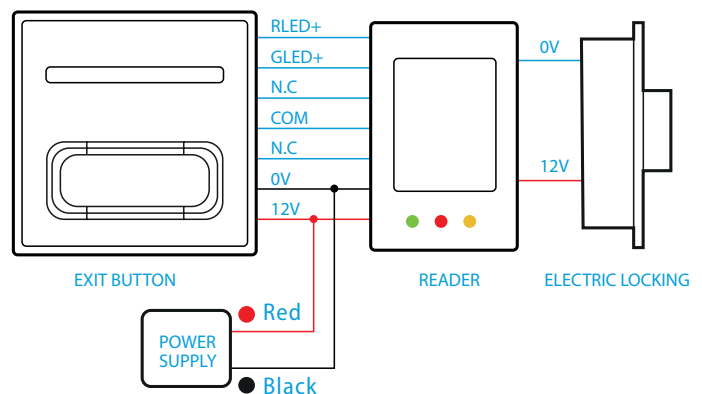
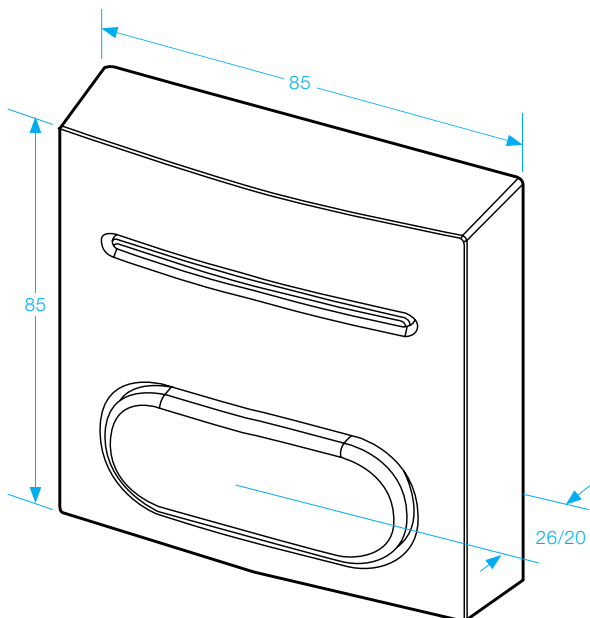
## DRB-Euro-White

WHITE BUTTON



## DRB-Euro-Wood

WOOD FINISH BUTTON



### SPECIFICATION

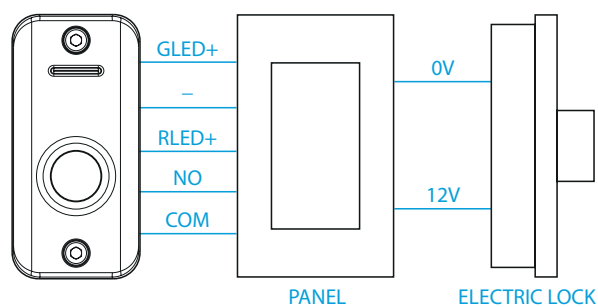
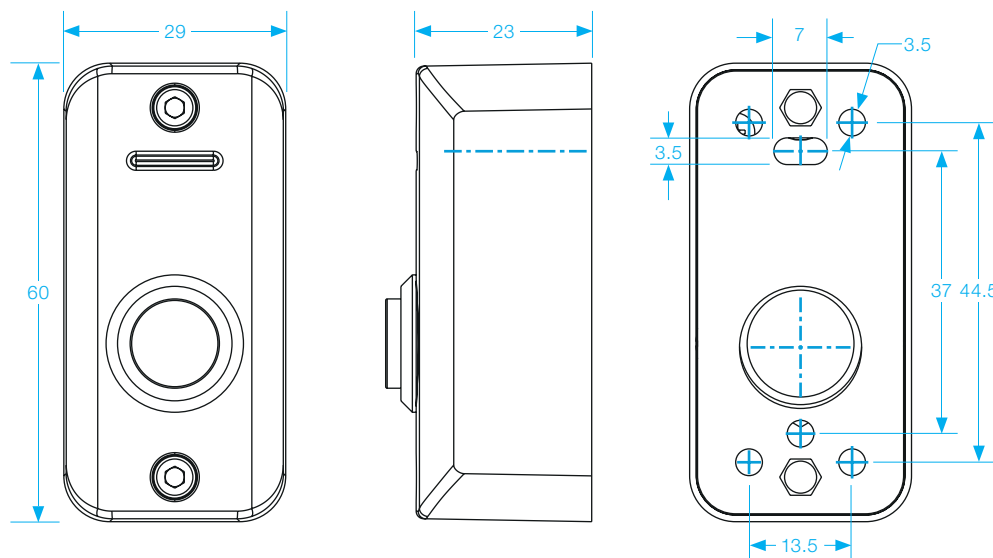
- Max. Rating: 5mA/12Vdc.
- Contact resistance: 1kΩ Max. (Initial).
- Operating travel: 1.75mm.
- Operating life (5mA 5Vdc): Over 100,000 times.

# ARCHRXE-M-LED

## Exit Button

- 12Vdc
- Legend: Hand Symbol
- Metal finish
- Narrow style
- Surface mount
- COM / NO
- LED Illumination: ● Red and ● Green

| H  | W  | D  |
|----|----|----|
| 60 | 29 | 23 |



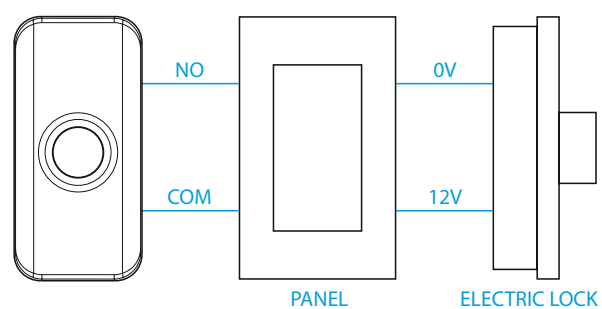
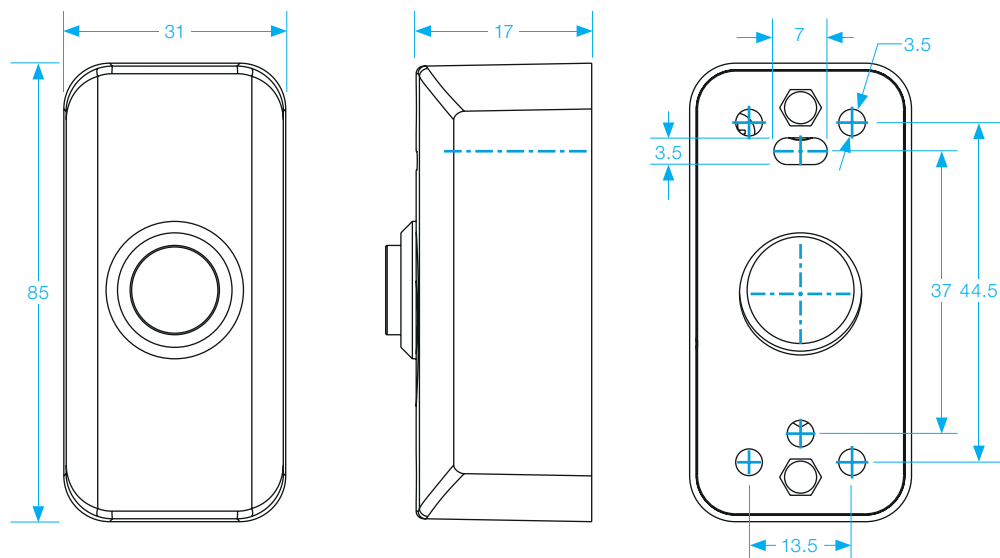


# ARCHRXE-M

## Exit Button

- Metal finish
- Legend: Hand symbol
- Narrow style
- Surface mount
- COM / NO

| H  | W  | D  |
|----|----|----|
| 85 | 31 | 17 |



# ARCHRXE-PTE

PRESS TO EXIT

# ARCHRXE-DR

DOOR RELEASE

## Exit Button

- Gloss white plastic
- Surface mount
- COM / NO

| H  | W  | D  |
|----|----|----|
| 85 | 33 | 25 |



# EX3-PTE

PRESS TO EXIT

# EX3-DR

DOOR RELEASE

## Exit Button

- Gloss white plastic
- Surface mount
- COM-N/O/NC

| H  | W  | D  |
|----|----|----|
| 85 | 38 | 27 |



# DRB001N-PTE

PRESS TO EXIT

# DRB001N-DR

DOOR RELEASE

## Exit Button

- White plastic
- Surface mount
- COM / NO / NC  
Change-over-contacts

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 27 |



# DRB001-PTE

PRESS TO EXIT

# DRB001-DR

DOOR RELEASE

## Exit Button

- Gloss white plastic
- Surface mount
- COM / NO / NC  
Change-over-contacts

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 25 |



# BGDN

## Exit Button

- White plastic
- Budget green dome button
- Illuminated (*BGDN-I*)
- Surface mount
- Concealed fixings
- COM / NO / NC  
Change-over-contacts

| H  | W  | D  |
|----|----|----|
| 88 | 43 | 30 |

**BGDN-I**  
ILLUMINATED



**BGDN**  
NON-ILLUMINATED



# BGDS

## Exit Button

- White plastic
- Budget green dome button
- Illuminated (*BGDS-I*)
- Surface mount
- Concealed fixings
- COM / NO / NC  
Change-over-contacts

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 30 |

**BGDS-I**  
ILLUMINATED



**BGDS**  
NON-ILLUMINATED





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*"Setting the Standard in Access Control"*

# DRB002F Series

## Exit Button

- Brushed Stainless Steel
- 19mm Stainless Steel button
- Flush mount
- **FREE:** Add your company logo



**DRB002F-NL**  
NO LEGEND



- COM / NO / NC Change-over-contacts

**DRB002F-PTE**  
PRESS TO EXIT

- COM / NO / NC Change-over-contacts

**DRB002F-DR**  
DOOR RELEASE




- COM / NO / NC Change-over-contacts

**DRB002F-PTE SWH20**  
PRESS TO EXIT

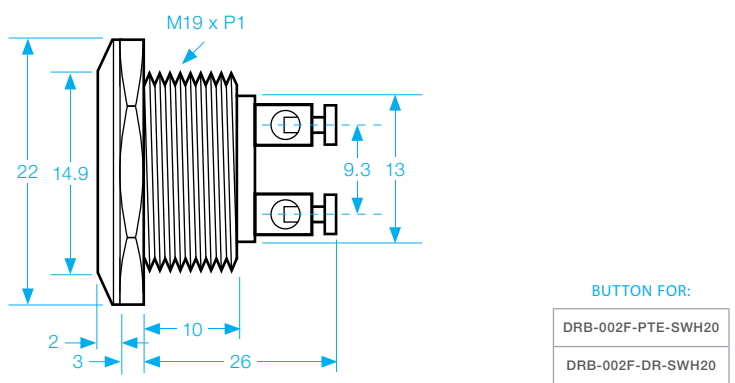
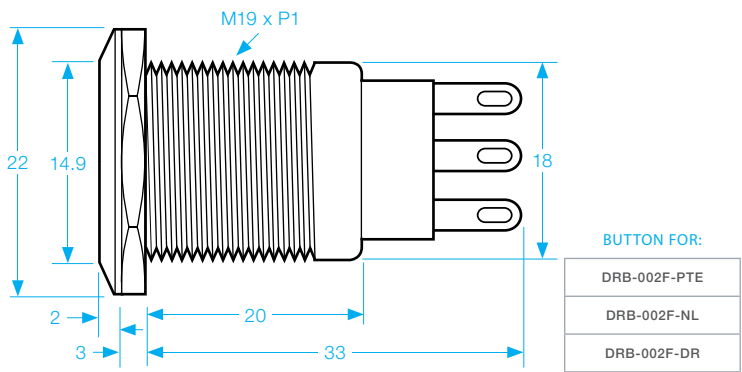
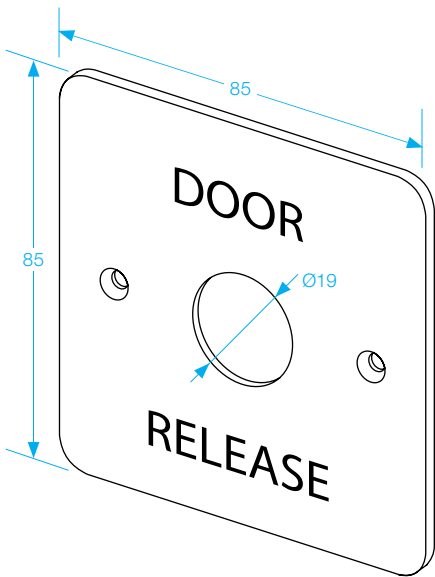


- COM / NO
- Screw terminals

**DRB002F-DR SWH20**  
DOOR RELEASE



- COM / NO
- Screw terminals



### SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.
- Operating life (Mechanical): Over 100,000 times.
- Cables included.

# DRB002S Series

## Exit Button

- Brushed Stainless Steel
- 19mm Stainless Steel button
- Surface mount
- **FREE:** Add your company logo

### DRB002S-PTE

PRESS TO EXIT

- COM / NO / NC  
Change-over-contacts



### DRB002S-DR

DOOR RELEASE

- COM / NO / NC  
Change-over-contacts



### DRB002S-PTE SWH20

PRESS TO EXIT

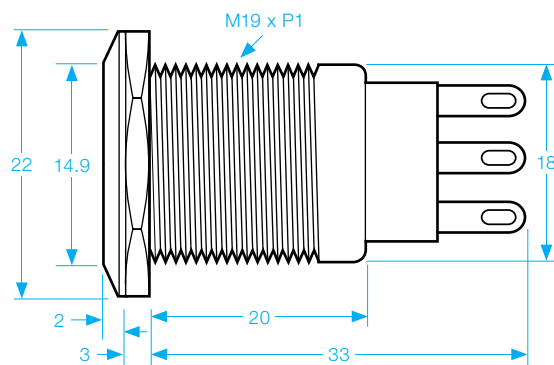
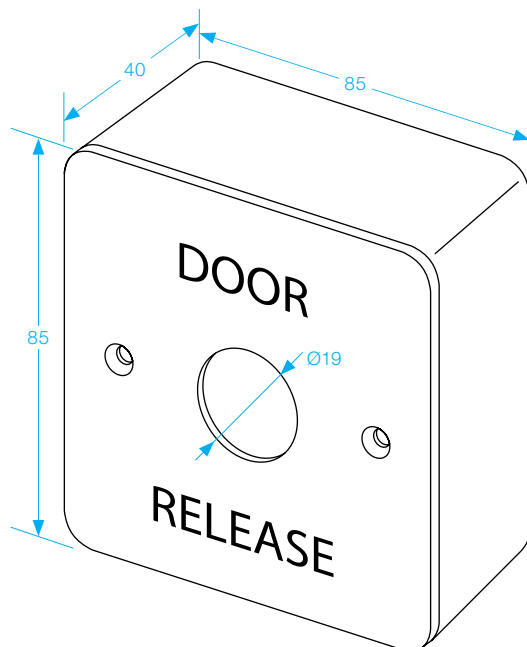
- COM / NO
- Screw terminals



### DRB002S-DR SWH20

DOOR RELEASE

- COM / NO
- Screw terminals

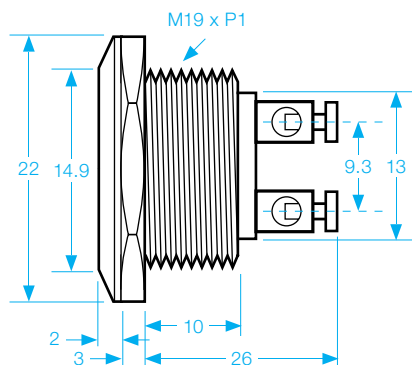


BUTTON FOR:

DRB-002S-PTE

DRB-002S-NL

DRB-002S-DR



BUTTON FOR:

DRB-002S-PTE-SWH20

DRB-002S-DR-SWH20

#### SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.
- Operating life (Mechanical):  
Over 100,000 times.
- Cables included.

# DRB002NF Series

## Exit Button

- Brushed Stainless Steel
- 19mm Stainless Steel button
- Flush mount
- Narrow style

### DRB002NF-PTE

PRESS TO EXIT

- COM / NO / NC  
Change-over-contacts



### DRB002NF-DR

DOOR RELEASE

- COM / NO / NC  
Change-over-contacts



### DRB002NF-PTE SWH20

PRESS TO EXIT

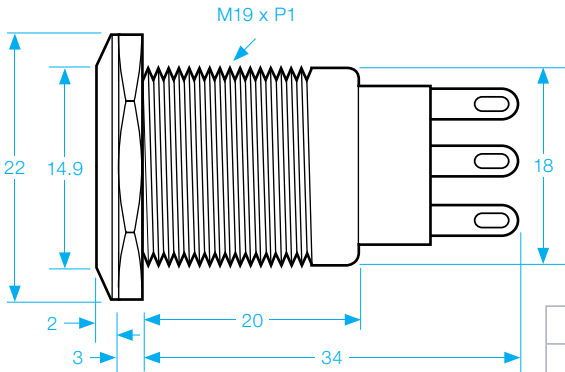
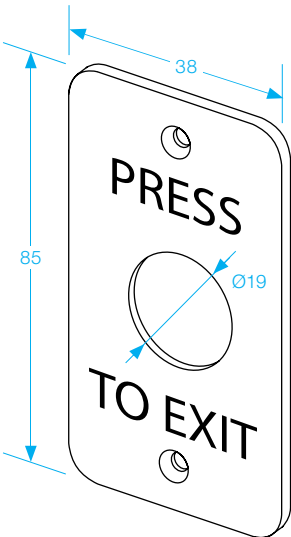
- COM / NO
- Screw terminals



### DRB002NF-DR SWH20

DOOR RELEASE

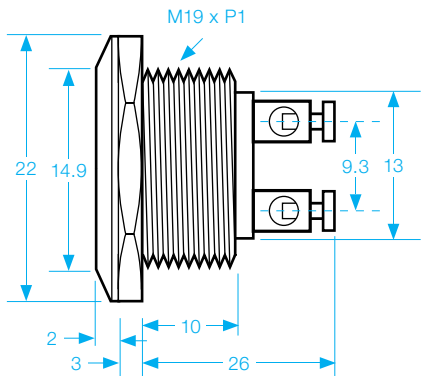
- COM / NO
- Screw terminals



BUTTON FOR:

DRB-002NF-PTE

DRB-002NF-DR



BUTTON FOR:

DRB-002NF-PTE-SWH20

DRB-002NF-DR-SWH20

#### SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.
- Operating life (Mechanical):  
Over 100,000 times.
- Cables included.

# DRB002NS

## Exit Button

- Brushed Stainless Steel
- 19mm Stainless Steel button
- Surface mount
- COM / NO

| H  | W  | D  |
|----|----|----|
| 85 | 38 | 29 |



# DRB002NS-WP

## Exit Button

- Brushed Stainless Steel
- 19mm Stainless Steel button
- Surface mount
- COM / NO



WEATHER  
RESISTANT  
– IP 67 –

| H  | W  | D  |
|----|----|----|
| 85 | 38 | 29 |



# DRB002NF-B-PTE

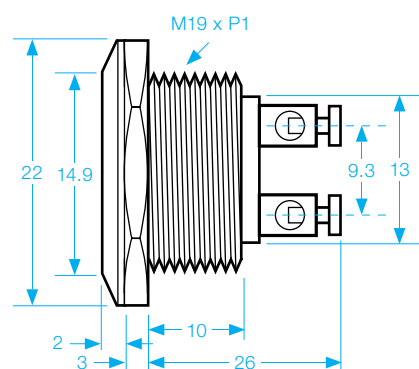
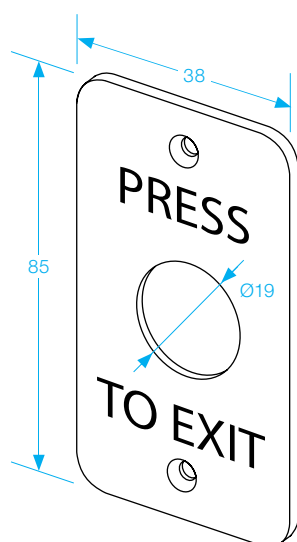
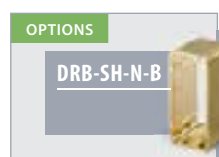
PRESS TO EXIT

## DRB002NF-B-DR

DOOR RELEASE

### Exit Button

- Stainless Steel
- Brushed Brass finish
- 19mm Brushed Brass button
- Flush mount
- Narrow style
- COM-N/O



#### SPECIFICATION

- Momentary: (N.O.)
- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating life (Mechanical): Over 100,000 times.
- Operating travel: 2.7mm.



# DRB002F-PTE-B

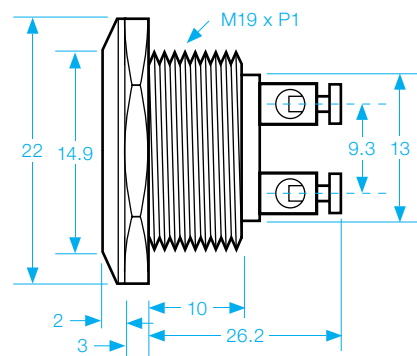
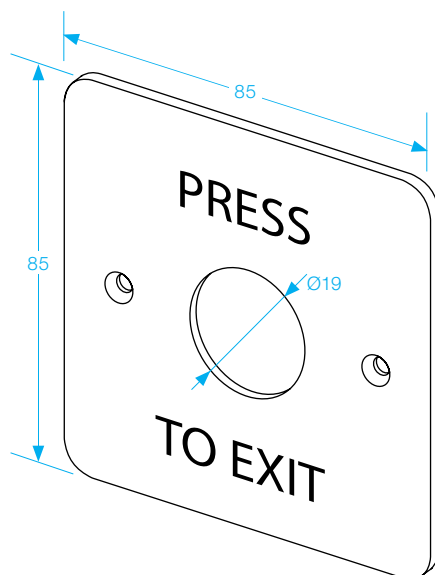
PRESS TO EXIT

# DRB002F-DR-B

DOOR RELEASE

## Exit Button

- Brushed Brass
- 19mm Brushed Brass button
- Flush mount
- COM-N/O



### SPECIFICATION

- Momentary: (N.O.)
- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating life (Mechanical): Over 100,000 times.
- Operating travel: 2.7mm.

# DRB003F-PTE

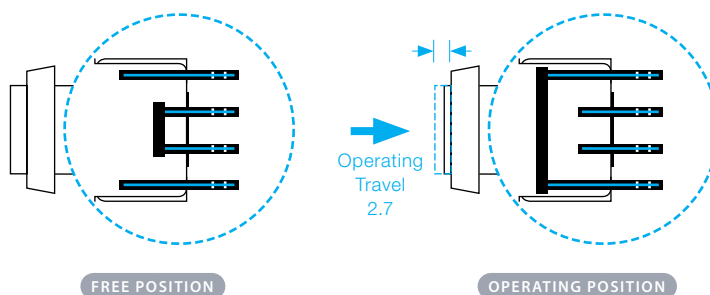
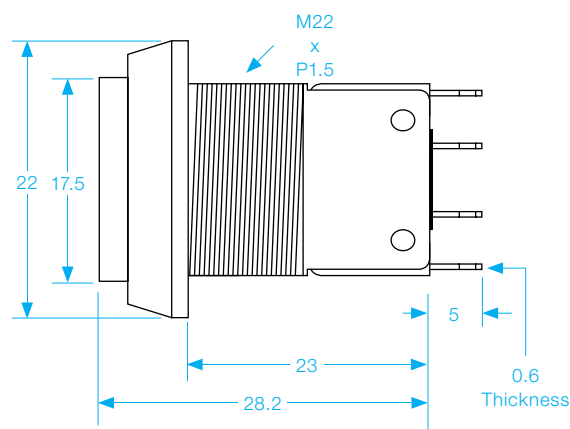
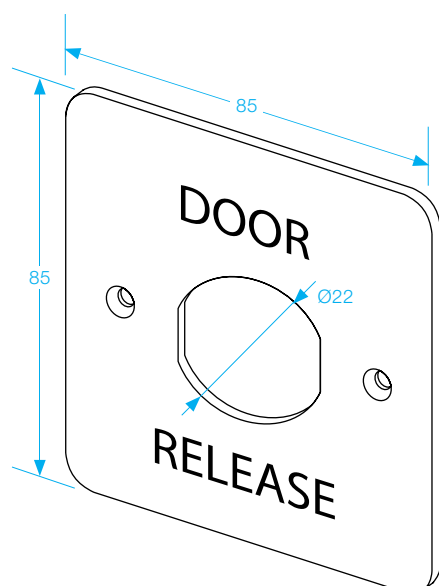
PRESS TO EXIT

# DRB003F-DR

DOOR RELEASE

## Exit Button

- Brushed Stainless Steel
- Raised green button
- Flush mount
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C



### SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.
- Operating life (Mechanical): Over 100,000 times.
- Cables included.

**TO ORDER**

# Custom made buttons with your choice of text?

***ICS offer all their button ranges as a customised option with your choice of text - made to order. Just choose any of our 500 button variations and specify your own wording for a unique bespoke solution!***

## ***It's Easy!***

Contact our dedicated technical and sales team by either telephone fax or email - specify your button and the text you require and we will endeavour to have your order available at the earliest possible opportunity.



**A small  
selection of the  
many button and  
text combinations  
available from  
ICS!**



*"Setting the Standard in Access Control"*

# DRB004F Series

## Exit Button

- Brushed Stainless Steel
- **ITW** Green dome button
- Flush mount
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C



## DRB004F-PTE

PRESS TO EXIT

### DRB004F-NL

NO LEGEND



### DRB004F-DR

DOOR RELEASE

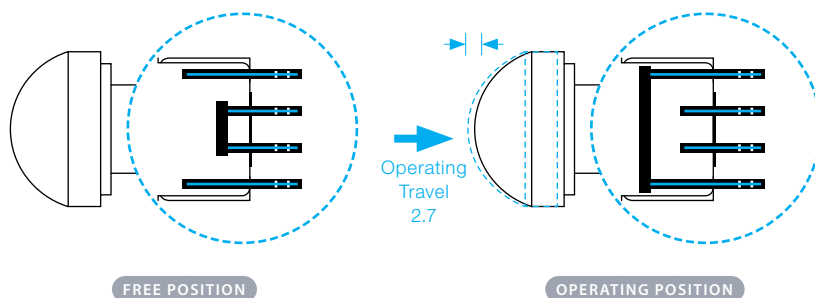
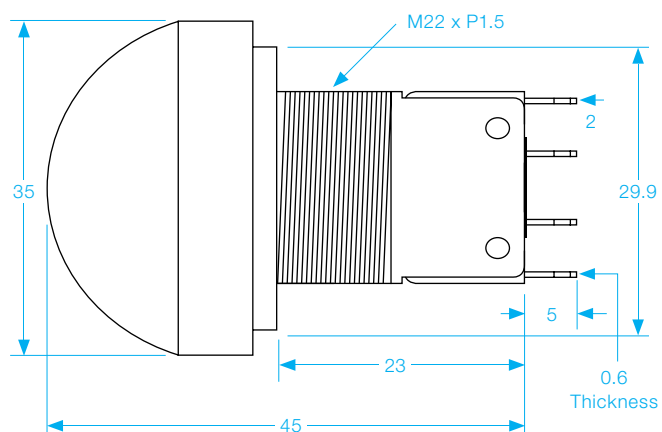
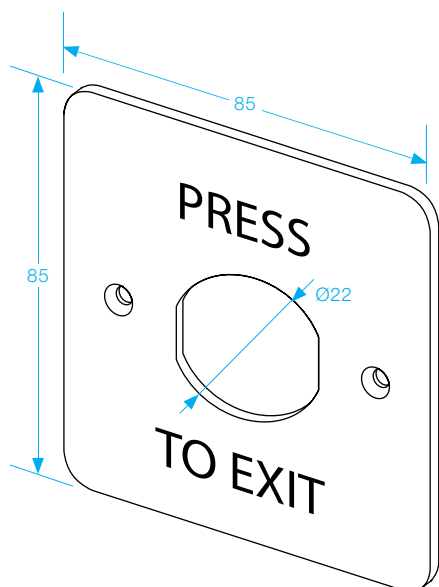


### DRB004F-PTE-WP

PRESS TO EXIT



WEATHER  
RESISTANT  
- IP 67 -



## SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.
- Operating life (Mechanical): Over 100,000 times.
- Cables included.

# DRB004S Series

## Exit Button

- Brushed Stainless Steel
- **ITW** Green dome button
- Surface mount
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C

### DRB004S-PTE

PRESS TO EXIT



### DRB004S-DR

DOOR RELEASE

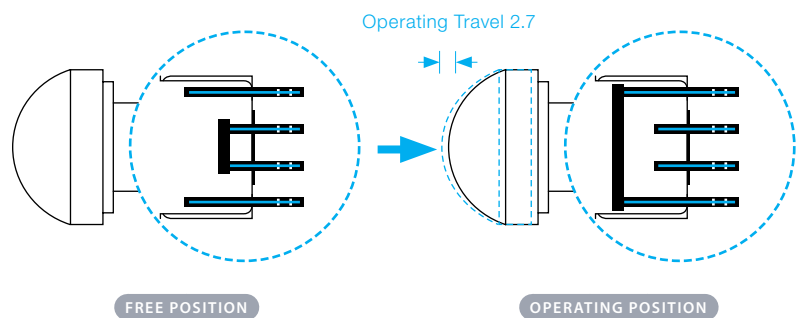
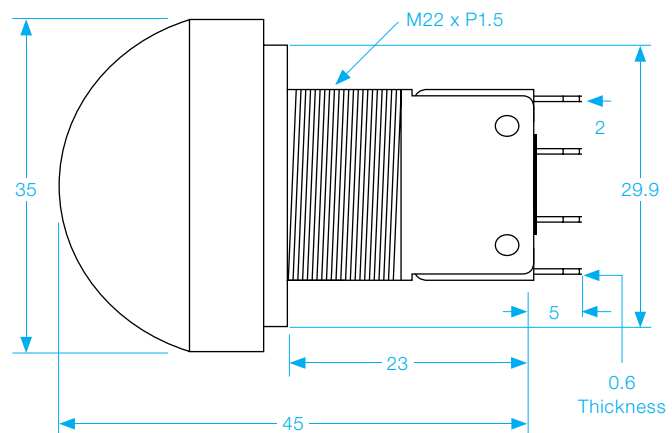
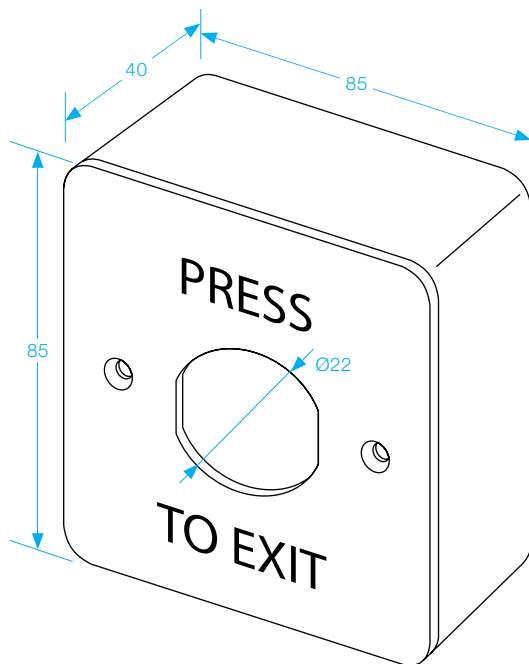


### DRB004S-PTE-WP

PRESS TO EXIT



WEATHER  
RESISTANT  
- IP 67 -



#### SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial)
- Operating travel: 2.7mm.
- Operating life (Mechanical): Over 100,000 times.
- Cables included.

# DRB005F-PTE

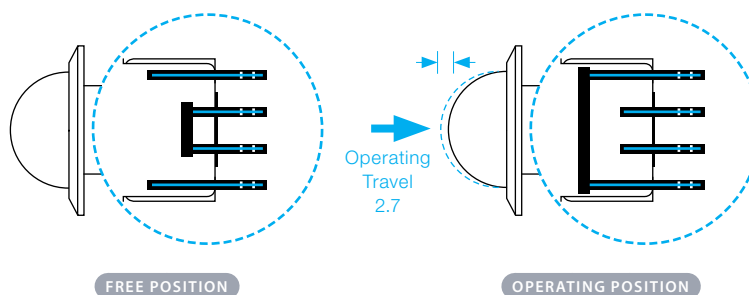
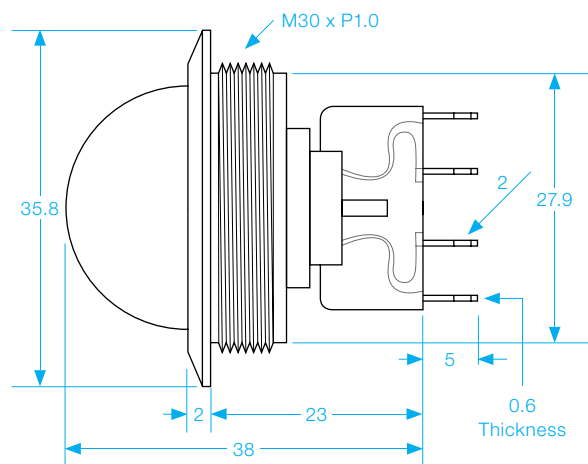
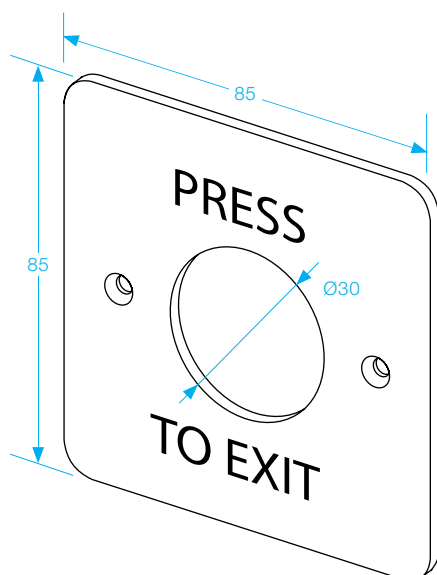
PRESS TO EXIT

# DRB005F-DR

DOOR RELEASE

## Exit Button

- Brushed Stainless Steel
- Alternative green dome button
- Flush mount
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C



## SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.
- Operating life (Mechanical): Over 100,000 times.
- Cables included.



# DRB006F Series

## Exit Button

- Faceplate: Brushed Stainless Steel
- **TW** Zinc alloy 35mm flush button
- Flush mount
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C

### DRB006F-PTE

PRESS TO EXIT



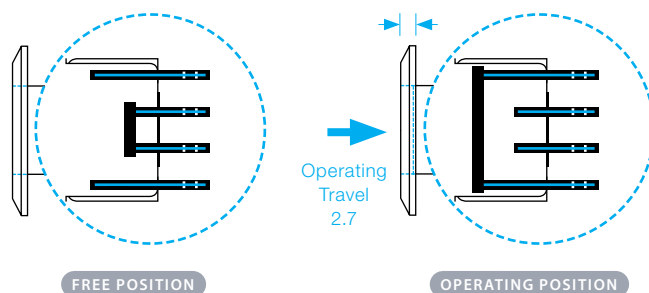
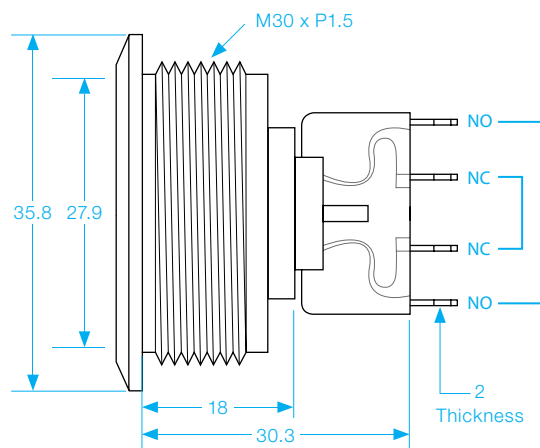
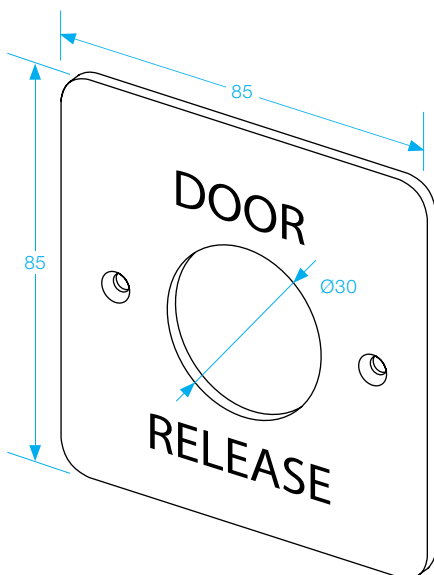
### DRB006F-NL

NO LEGEND



### DRB006F-DR

DOOR RELEASE



## SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.
- Operating life (Mechanical): Over 100,000 times.
- Cables included.

# DRB007F-PTE

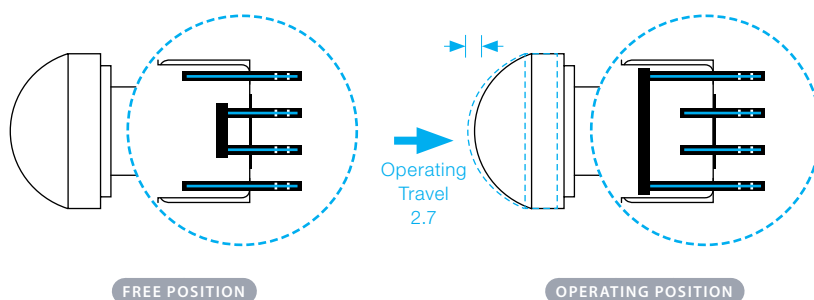
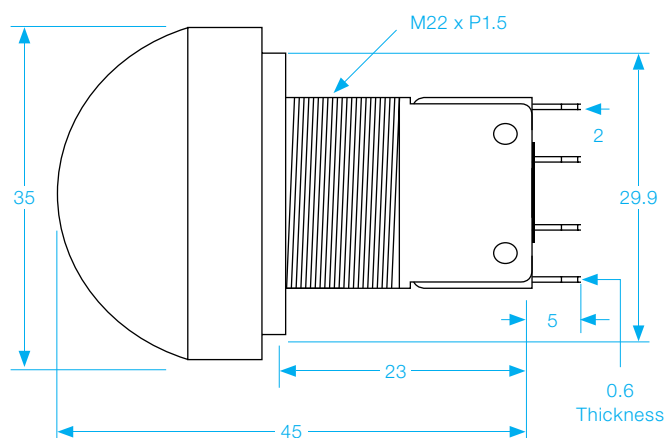
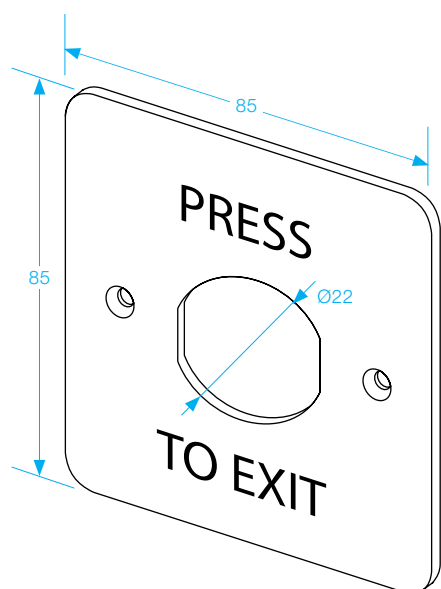
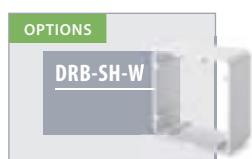
PRESS TO EXIT

# DRB007F-DR

DOOR RELEASE

## Exit Button

- Stainless Steel
- White finish
- **ITW** Green dome button
- Flush mount
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C



### SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.
- Operating life (Mechanical): Over 100,000 times.
- Cables included.

# DRB008F-PTE

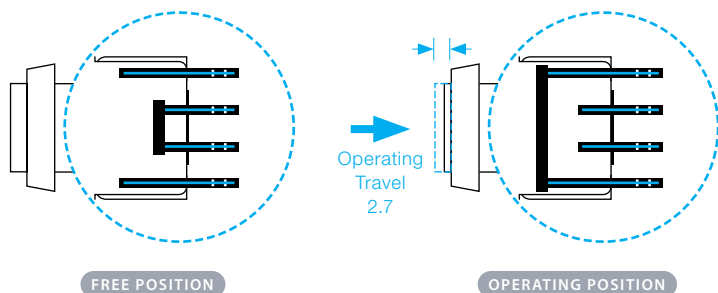
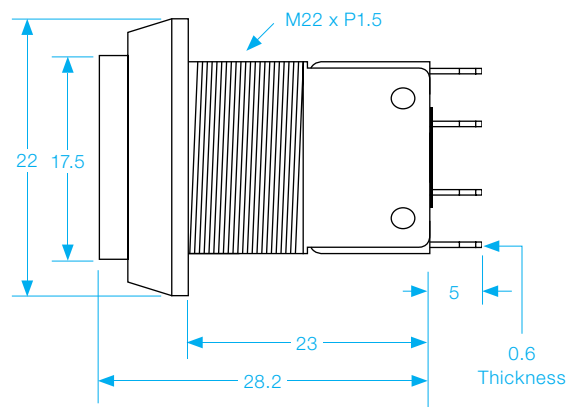
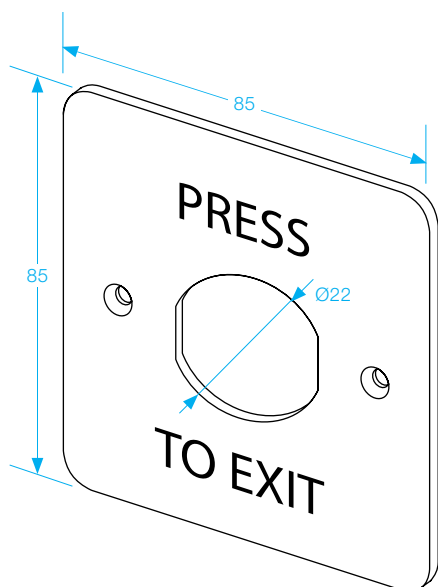
PRESS TO EXIT

# DRB008F-DR

DOOR RELEASE

## Exit Button

- Stainless Steel
- Green finish
- Raised green dome button
- Flush mount
- COM-N/O  
COM-N/C



### SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.
- Operating life (Mechanical): Over 100,000 times.
- Cables included.

# DRB009F-PTE

PRESS TO EXIT

# DRB009F-DR

DOOR RELEASE

## Exit Button

- Gloss white plastic
- *ITW* Green dome button
- Surface mount
- COM-N/O  
COM-N/C

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 30 |



# DL-09

## Exit Button

- Gloss white plastic
- 19mm Stainless Steel button
- Surface mount
- **FREE:** Add your company logo
- COM-N/O

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 28 |



# DRB010F Series

## Exit Button

- Brushed Stainless Steel
- Red dome button
- Flush mount
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C

### DRB010F-PTE

PRESS TO EXIT



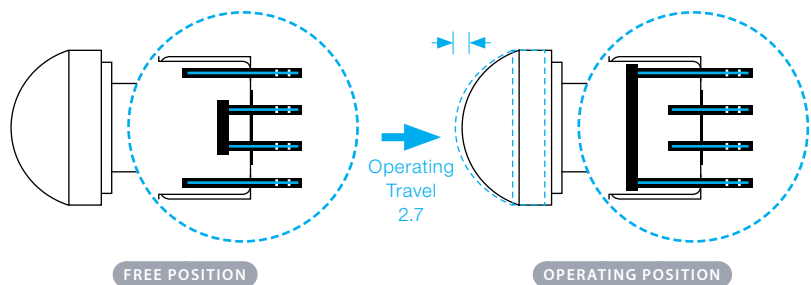
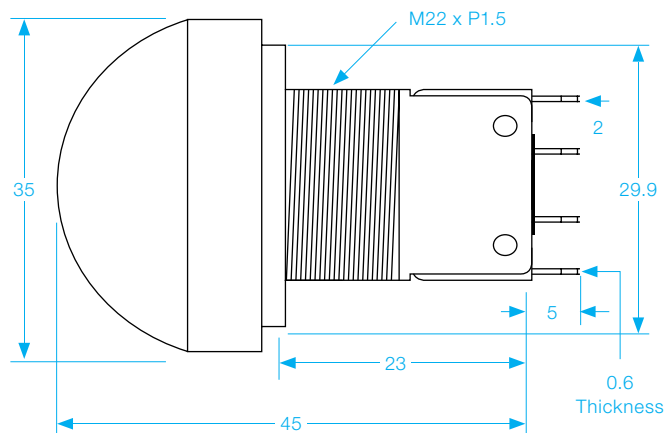
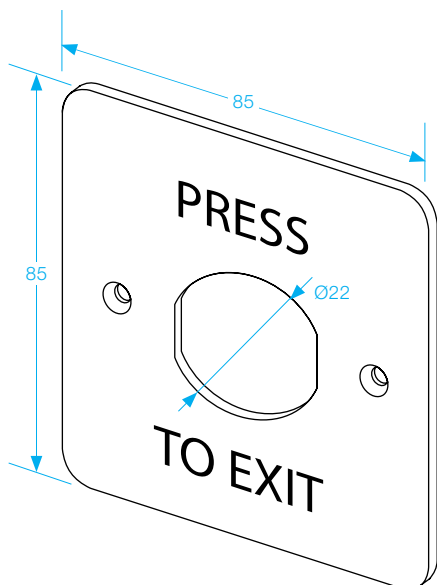
### DRB010F-NL

NO LEGEND



### DRB010F-DR

DOOR RELEASE



#### SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.
- Operating life (Mechanical): Over 100,000 times.
- Cables included.

# DRB011F-PTE

PRESS TO EXIT

# DRB011F-DR

DOOR RELEASE

## Exit Button

- Operating voltage 12Vdc
- Brushed Stainless Steel
- 19mm button
- Flush mount
- Momentary
- **FREE:** Add your company logo
- COM / NO
- Weather resistant: IP65
- LED Illumination

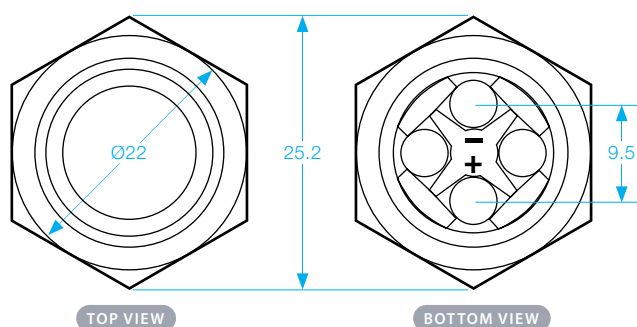
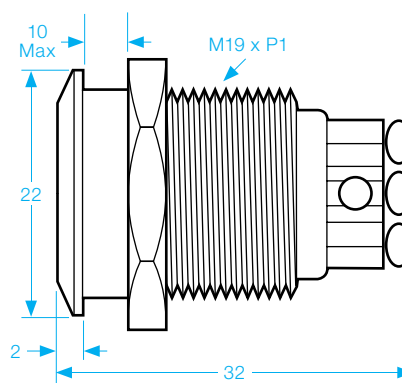
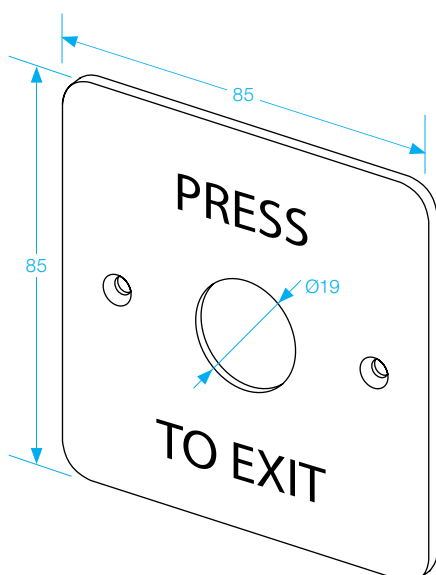


WEATHER  
RESISTANT  
– IP 65 –



OPTIONS

DRB-SH



## SPECIFICATION

- Max. Rating: 5mA/12Vdc.
- Contact resistance: 1kΩ Max. (Initial).
- Operating travel: 1.75mm.
- Operating life (5mA 5Vdc): Over 100,000 times.



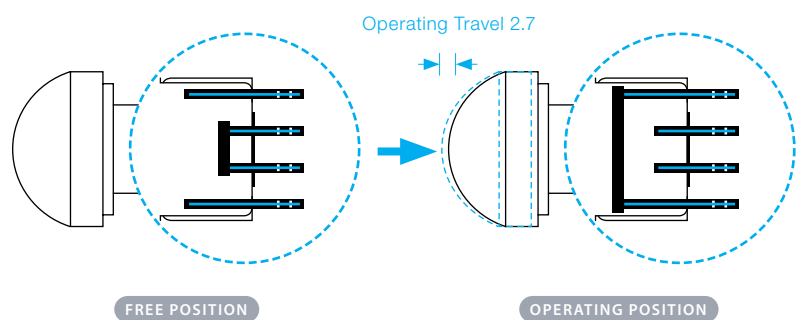
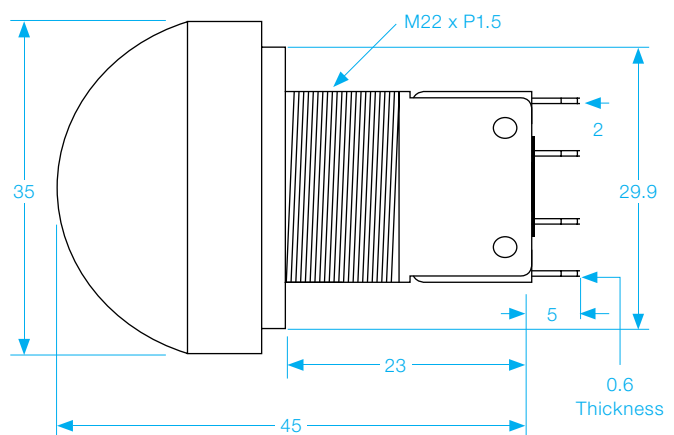
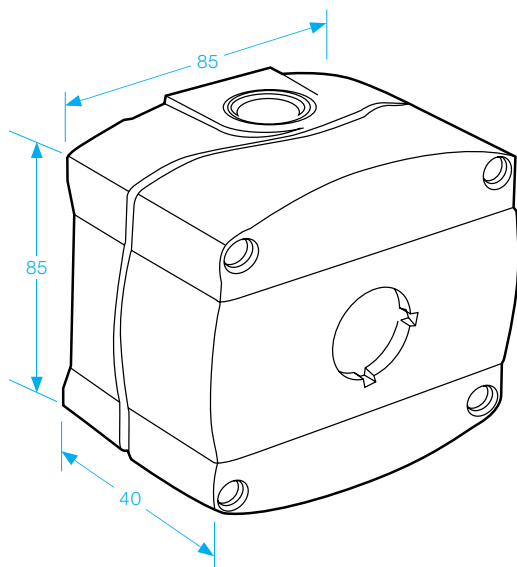
# DRB014S-PTE

## Exit Button

- ABS Plastic
- Legend: Press to Exit
- **TW** Green dome button
- Surface mount
- Weather resistant: IP65
- COM-N/O  
COM-N/C



WEATHER  
RESISTANT  
– IP 65 –



### SPECIFICATION

- Max. Rating: 5A/125/250 Vac.
- Contact resistance: 50mΩ Max. (Initial)
- Operating travel: 2.7mm.
- Operating life (Mechanical): Over 100,000 times.
- Cables included.

## DRB024F Series

### Budget Green Dome Button

- Brushed Stainless Steel
- Budget green dome button
- Flush mount
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C



### DRB024F-PTE

PRESS TO EXIT



|                                    |                                       |  |
|------------------------------------|---------------------------------------|--|
| <b>DRB024F-NL</b><br>NO LEGEND<br> | <b>DRB024F-DR</b><br>DOOR RELEASE<br> | <b>DRB024F-PTE-WP</b><br>PRESS TO EXIT<br> |
|------------------------------------|---------------------------------------|--|

## DRB024S Series

### Budget Green Dome Button

- Brushed Stainless Steel
- Budget green dome button
- Surface mount
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C

### DRB024S-PTE

PRESS TO EXIT

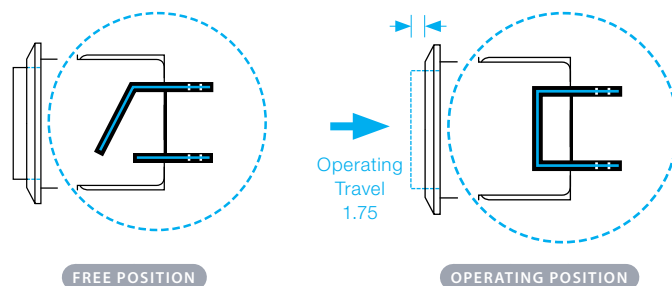
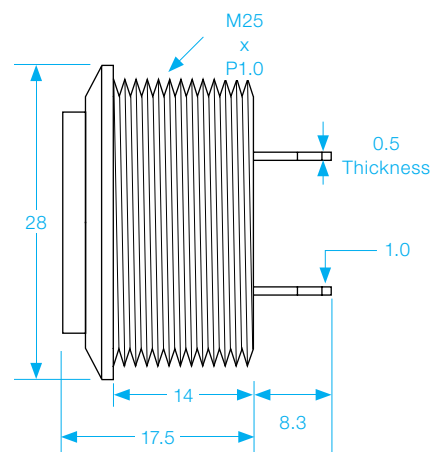
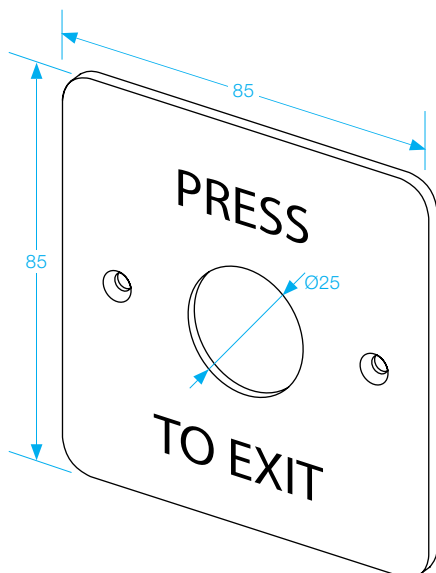


|                                       |  |
|---------------------------------------|--|
| <b>DRB024S-DR</b><br>DOOR RELEASE<br> | <b>DRB024S-PTE-WP</b><br>PRESS TO EXIT<br> |
|---------------------------------------|--|

# PBT-425BS

## Exit Button

- Brushed Stainless Steel
- 19mm raised button
- Legend: Press to Exit
- Flush mount
- **FREE:** Add your company logo
- COM / NO



### SPECIFICATION

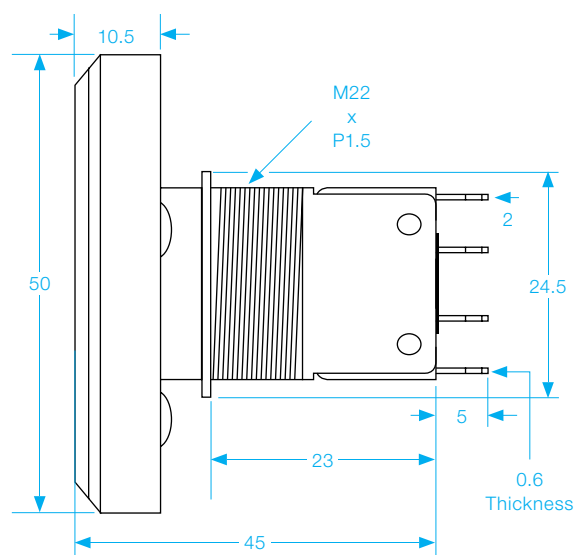
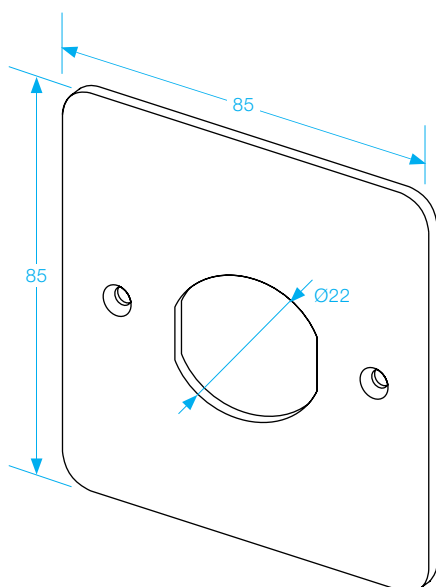
- Max. Rating: 5mA/12Vdc.
- Contact resistance: 1kΩ Max. (Initial).
- Operating travel: 1.75mm.
- Operating life (5mA 5Vdc): Over 100,000 times.

# PBT-450K



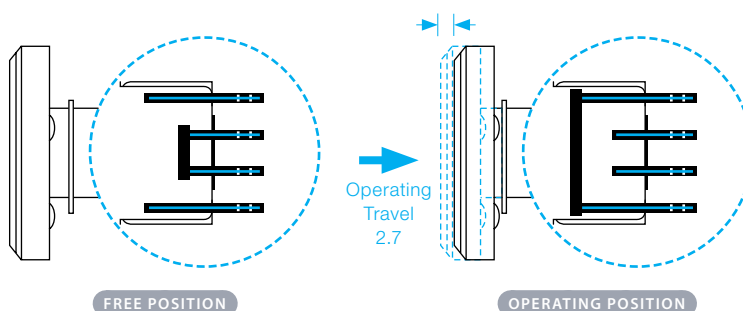
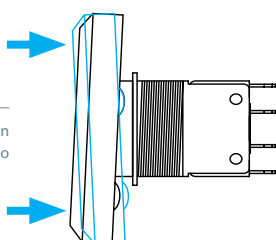
## Exit Button

- Brushed Stainless Steel
- 50mm raised button
- Flush mount
- Legend: Key symbol
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C



### BUTTON ACTION

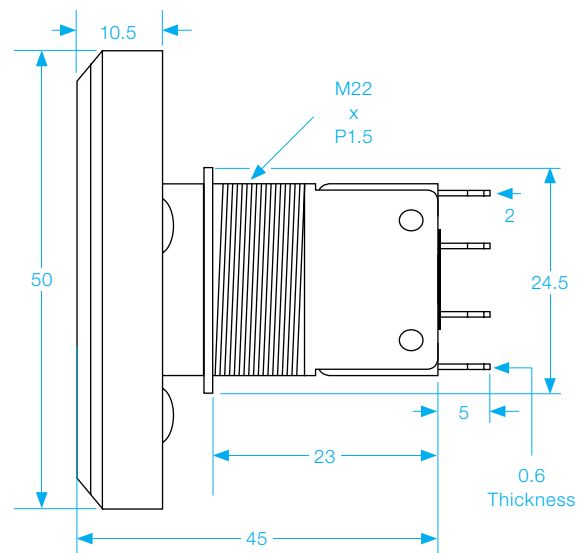
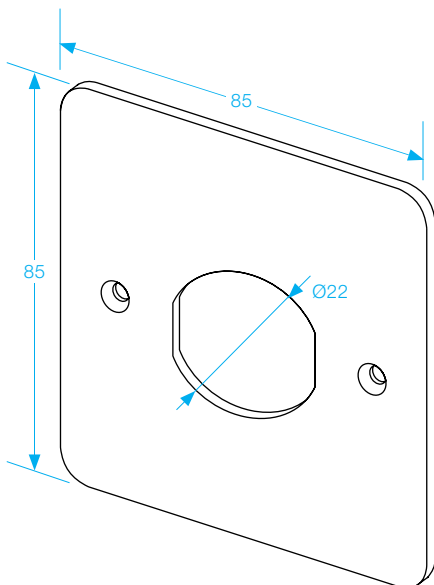
You can touch the push button on any part of the face to create the contact action.



# PBT-450BS

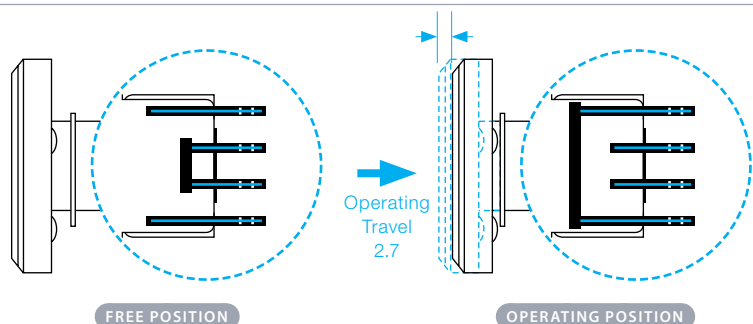
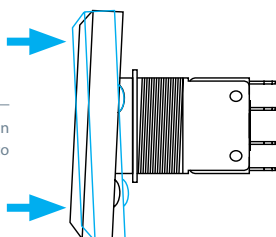
## Exit Button

- Brushed Stainless Steel
- 50mm raised button
- Flush mount
- Legend: Press to Exit
- **FREE:** Add your company logo
- COM-N/O  
COM-N/C



### BUTTON ACTION

You can touch the push button on any part of the face to create the contact action.



# PBT-860BS Series

## Exit Button

- Zinc alloy
- 85mm raised button
- Legend: Exit
- Flush mount
- COM-N/O  
COM-N/C

### PBT-860BS-R

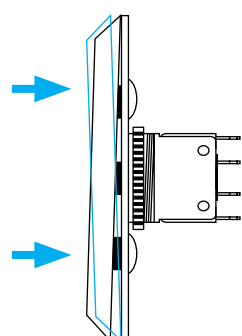
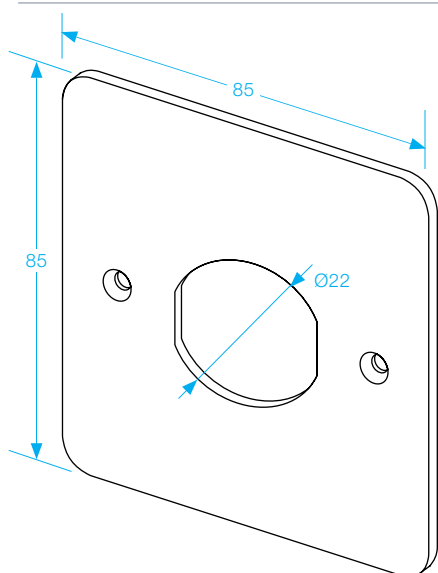
RED BUTTON

### PBT-860BS-G

GREEN BUTTON

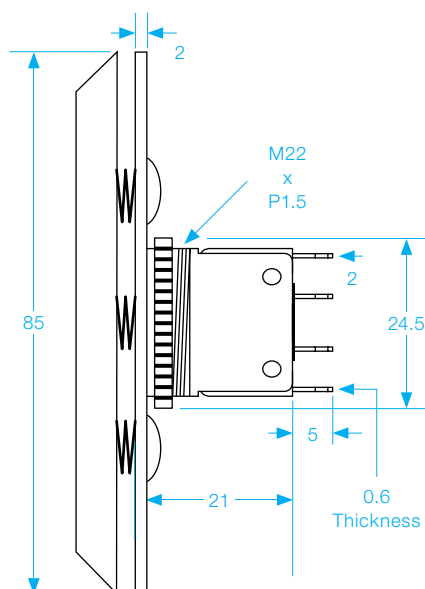
### PBT-860BS-B

BLUE BUTTON



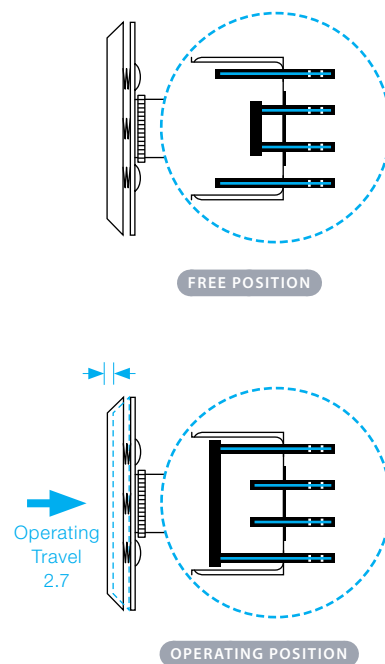
#### BUTTON ACTION

You can touch the push button on any part of the face to create the contact action.



#### SPECIFICATION

- Switch Rating: 5A/125Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.



- Operating life (Mechanical): Over 100,000 times.



# PBT-861BS Series



## Exit Button

- Brushed Stainless Steel
- 85mm raised button
- Legend: Wheelchair symbol
- Flush mount
- COM-N/O  
COM-N/C

### PBT-861BS-R

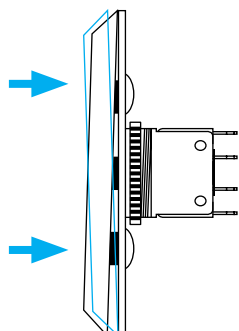
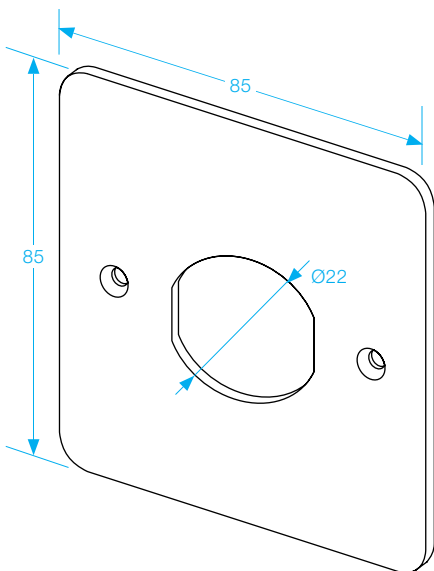
RED BUTTON

### PBT-861BS-G

GREEN BUTTON

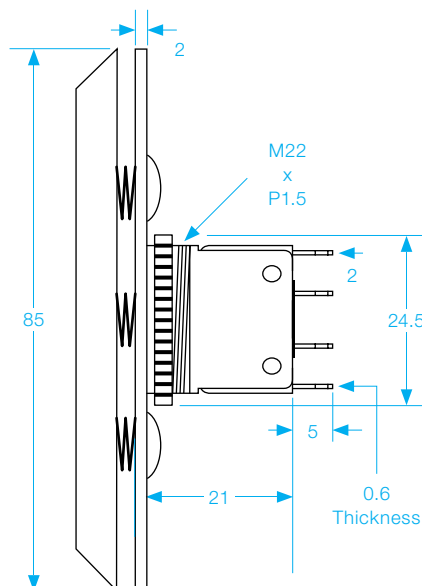
### PBT-861BS-B

BLUE BUTTON



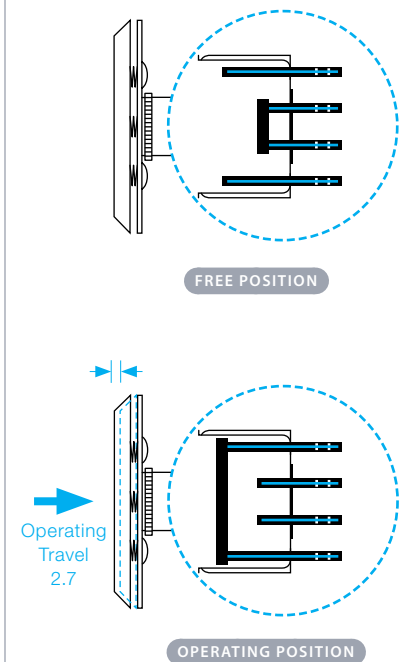
#### BUTTON ACTION

You can touch the push button on any part of the face to create the contact action.



#### SPECIFICATION

- Switch Rating: 5A/125Vac.
- Contact resistance: 50mΩ Max. (Initial).
- Operating travel: 2.7mm.



# DDA900



## Exit Button

- Button: Brushed Stainless Steel
- Surround: Black ABS material
- 110mm raised button
- Surface mount
- COM / NO / NC  
Change-over-contacts



### DDA900-1

PUSH TO OPEN /  
WHEELCHAIR SYMBOL



| H   | W   | D  |
|-----|-----|----|
| 130 | 130 | 72 |

### DDA900-2

PUSH TO OPEN

### DDA900-3

WHEELCHAIR SYMBOL

### DDA900-4

NO LEGEND

# DDA900-ALU Series



## Exit Button

- Aluminium with Stainless Steel effect
- 110mm raised button
- Surface mount
- COM / NO / NC  
Change-over-contacts

### DDA900-ALU-1

PUSH TO OPEN /  
WHEELCHAIR SYMBOL



| H   | W   | D  |
|-----|-----|----|
| 130 | 130 | 72 |

### DDA900-ALU-2

PUSH TO OPEN

### DDA900-ALU-3

WHEELCHAIR SYMBOL

### DDA900-ALU-4

NO LEGEND

## WPB-900

**GEM**

### Wireless Exit Button

- Brushed Stainless Steel
- 110mm raised button
- Legend:  
Push to open/  
wheelchair symbol
- Surface mount
- Wireless
- COM / NO / NC  
Change-over-contacts



WIRELESS

| H   | W   | D  |
|-----|-----|----|
| 130 | 130 | 72 |

## WPB-025

**GEM**

### Wireless Exit Button

- Brushed Stainless Steel
- Raised button
- Legend: Press to exit
- Surface mount
- Wireless
- COM / NO / NC  
Change-over-contacts



WIRELESS

| H   | W  | D  |
|-----|----|----|
| 116 | 44 | 32 |

# PBT LED Series



## LED Illuminated Exit Button

- Brushed Stainless Steel
- Legend:  
Push to open / wheelchair symbol
- 110mm raised button
- Impact resistant
- Surface mount
- Door Status LED

| H   | W   | D  |
|-----|-----|----|
| 133 | 133 | 30 |

### PBT-930

- LED display ● Red ● Green



### PBT-950

- LED display ● Red ● Blue

# PBT LED Wireless



## LED Illuminated Wireless Exit Button

- Brushed Stainless Steel
- Legend: Push to open / wheelchair symbol
- 110mm raised button
- Impact resistant
- Surface mount
- Door status LED



### PBT-940WT

- LED display ● Red ● Green



### PBT-960WT

- LED display ● Red ● Blue



WIRELESS

| H   | W   | D  |
|-----|-----|----|
| 133 | 133 | 30 |

#### SPECIFICATION

- COM / NO / NC (SPDT)
- 12/24 Vac/Vdc
- Switch rated at 0.5A/120Vac - 1A/24 Vdc

## CM45 Range

### Exit Button

- DDA compliant
- Brushed Stainless Steel
- Flush mount
- Single gang box
- Concealed fixings
- Can be made to suit UK back box
- Change-over-contacts

| H   | W   | D  |
|-----|-----|----|
| 123 | 123 | 60 |

### CM45-4

PUSH TO OPEN /  
WHEELCHAIR SYMBOL



### CM45-3

PUSH TO OPEN



### CM45-2

LOGO ONLY



## CM45 Special Range

### Exit Button

The CM-45 range of buttons also come in a number of additional brass finishes.

- Antique Brass
- Polished Brass
- Oil Rubbed Brass
- Satin Brass

To order any of the buttons in any of the brass finishes just add the code suffix to the end of the product number.e.g:

The CM45-4 (Push-to-Open with Wheelchair Symbol) in Satin Brass is ordered as CM45-4-SB.

**AB**

ANTIQUE  
BRASS

**PB**

POLISHED  
BRASS

**OB**

OIL RUBBED  
BRASS

**SB**

SATIN  
BRASS

### CM45-4SB

PUSH TO OPEN /  
WHEELCHAIR SYMBOL

**SB**

SATIN  
BRASS



## LHS-250

### Elbow Exit Button

- Plastic with metal push plate
- Surface mount
- Legend: Exit
- Concealed fittings
- Change-over-contacts
- Status LED

| H   | W  | D  |
|-----|----|----|
| 250 | 95 | 23 |



## DRB-ELB Series

### Elbow Switch

- Plastic
- Surface mount
- Concealed fittings
- Change-over-contacts

| H   | W  | D  |
|-----|----|----|
| 250 | 95 | 23 |

### DRB-ELB-01



### DRB-ELB-02

## DRB002-ND

### Exit Button

- Brushed Stainless Steel
- All action button
- Surface mount
- Narrow style
- Legend: Push to open / wheelchair symbol
- COM / NO / NC  
Change-over-contacts

| H   | W  | D  |
|-----|----|----|
| 114 | 43 | 43 |





# CM25 Range

## Exit Button

- DDA compliant
- Brushed Stainless Steel
- Narrow style
- Surface mount
- Concealed fittings
- COM / NO contacts

| H   | W  | D  |
|-----|----|----|
| 123 | 43 | 60 |



**CM25-4**  
PUSH TO OPEN & SYMBOL

**CM25-1**  
BLANK



**CM25-2**  
SYMBOL ONLY



**CM25-3**  
PUSH TO OPEN



# CM LED Series

## LED Illuminated Exit Button

- Brushed Stainless Steel
- 110mm raised button
- Impact resistant
- Surface mount
- Door status LED illumination

| H   | W   | D  |
|-----|-----|----|
| 133 | 133 | 30 |



### CM54GR-4

PUSH TO OPEN /  
WHEELCHAIR SYMBOL

- LED display ● Green ● Red



### CM54B-4

PUSH TO OPEN /  
WHEELCHAIR SYMBOL

- LED display ● Blue ● Red



### CM54GR-3

PUSH TO OPEN

- LED display  
● Green ● Red



### CM54B-3

PUSH TO OPEN

- LED display  
● Blue ● Red



### CM54GR-2

WHEELCHAIR SYMBOL

- LED display  
● Green ● Red



### CM54B-2

WHEELCHAIR SYMBOL

- LED display  
● Blue ● Red



**BTS-100**

WHITE

**BTS-100G**

GREEN

**Touch Sensitive Exit Button**

- Operating voltage 12~24Vdc
- Off-white or green plastic
- Touch sensitive button
- Built in timer: 1-30 Secs
- Surface mount
- COM / NO / NC  
Change-over-contacts
- LED indicators

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 35 |

**RTS-500** WITH OVERRIDE SWITCH**RTS-500N** WITHOUT OVERRIDE SWITCH**Infra-Red Exit Button**

- Operating voltage 12~24Vdc
- Brushed Stainless Steel
- Infra-Red
- Built in timer: 0.5 - 20 Secs
- Flush mount
- COM / NO / NC  
Change-over-contacts
- LED indicators



INFRA-RED

| H  | W  |
|----|----|
| 85 | 85 |



OPTIONS

DRB-SH



# BTS-486



## Touch Sensitive Exit Button

- Operating voltage 12~24Vdc
- Brushed Stainless Steel
- 25mm button
- Touch sensitive button
- Built in timer: 1-30 Secs
- COM / NO / NC  
Change-over-contacts
- LED illumination ● Green ● Red

| H  | W  |
|----|----|
| 85 | 85 |



# BTS-85UK



## Touch Sensitive Exit Button

- Operating voltage 12~24Vdc
- Gloss White Plastic
- Touch sensitive
- Flush mount
- Built in timer
- COM / NO / NC  
Change-over-contacts
- LED indicators

| H  | W  |
|----|----|
| 85 | 85 |

### BTS-85UK-H HAND LOGO



### BTS-85UK-TTE TOUCH TO EXIT

## DRB-NTA

HAND ICON

## DRB-NT

NO TOUCH

### Infra-Red Exit Button

- Operating voltage 12Vdc
- Brushed Stainless Steel
- Budget Infra-Red
- Flush mount
- Change-over-contacts



INFRA-RED

| H  | W  |
|----|----|
| 85 | 85 |



## DRB-IR

### Infra-Red Exit Button

- Brushed Stainless Steel
- Infra-Red
- Adjustable timer
- Flush and surface mount
- Adjustable range
- **FREE:** Add your company logo
- Change-over-contacts



INFRA-RED

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 30 |

### DRB-IR-S

- Surface mount



### DRB-IR

- Flush mount



# ICS-DBB

## Double Back Box

- ABS plastic
- Suitable for all exit buttons and break glass units
- Horizontal or vertical
- Surface mount
- Internal cable ways

| H   | W   | D  |
|-----|-----|----|
| 100 | 189 | 38 |



## DBB-21-02

### Backbox with button and breakglass

- Exit button
- Breakglass call point (*Double Pole*)



## DBB-21-04

### Backbox with button and breakglass

- *ITW* Green dome exit button
- Breakglass call point (*Double Pole*)



## DBB-22-02

### Backbox with button and resettable call point

- Exit button
- Resettable call point (*Double Pole*)



## DBB-22-04

### Backbox with button and resettable call point

- *ITW* Green dome exit button
- Resettable call point (*Double Pole*)



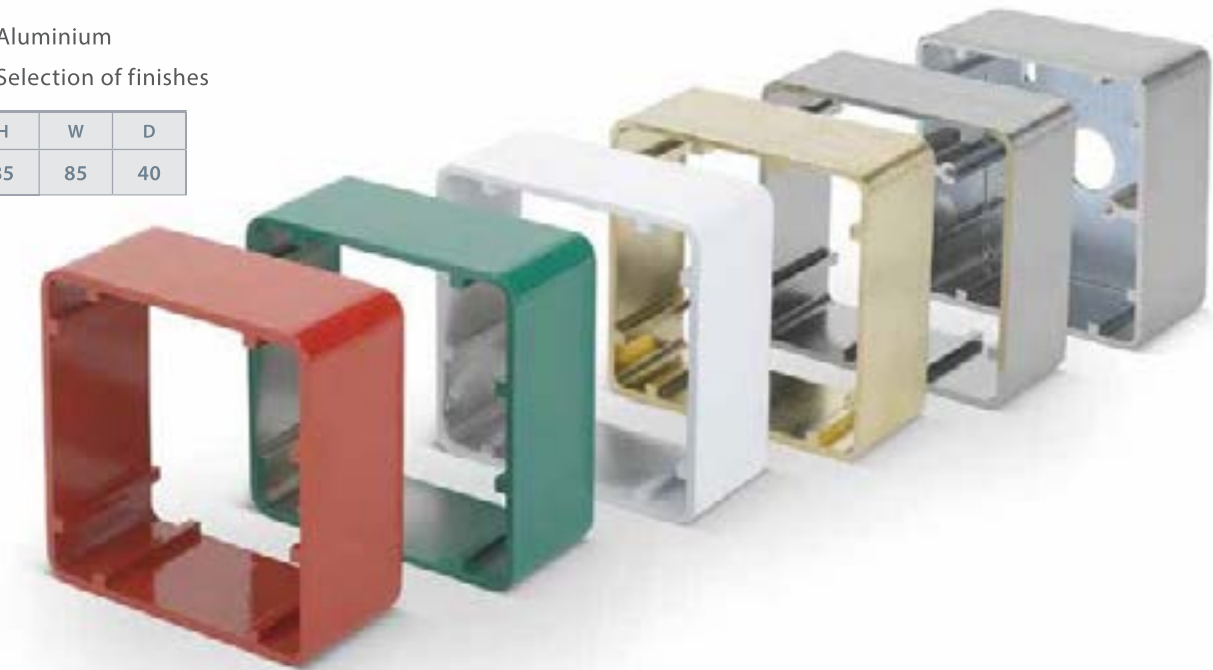


# DRB

## Surface Housing

- Aluminium
- Selection of finishes

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 40 |



| DRB-SH-R  | DRB-SH-G    | DRB-SH-W    | DRB-SH-B      | DRB-SH                 | DRB-86-03            |
|-----------|-------------|-------------|---------------|------------------------|----------------------|
| GLOSS RED | GLOSS GREEN | GLOSS WHITE | BRUSHED BRASS | STAINLESS STEEL EFFECT | SILVER WITH BACK BOX |

# DRB-SH-N

S/STEEL

# DRB-SH-N-B

BRASS

## Surface Housing

- Aluminium
- Stainless Steel or Brushed Brass effect

| H  | W  | D  |
|----|----|----|
| 85 | 38 | 40 |



## KS Range

### Key Switch

- Brushed Stainless Steel
- Flush mount
- **FREE:** Add your company logo
- COM / NO / NC  
Change-over-contacts

| H  | W  |
|----|----|
| 85 | 85 |



### KS-001

- Single pole
- Action-Maintained
- Keyed alike
- Key release in both positions



### KS-001-DP

- 2 pole
- Action-Maintained



### KS-002

- Single pole
- Action-Momentary



### KS-003

- Single pole
- Action-Maintained
- 3 Position



## KS-600 MAINTAINED

## KS-601 MOMENTARY

### Euro Profile Key Switch

- Brushed Stainless Steel
- Flush mount
- Cylinder not provided
- COM / NO / NC  
Change-over-contacts

| H  | W  |
|----|----|
| 85 | 85 |



**GEM**

# KSN Range

## Key Switch

- Brushed Stainless Steel
- Flush mount
- COM / NO / NC  
Change-over-contacts

| H  | W  |
|----|----|
| 85 | 38 |



### KS-001N

- Single pole
- Maintained
- Keyed alike
- Key release in both positions



### KS-001N-DP

- 2 pole
- Maintained



### KS-001N-3POS

- 2 pole
- Maintained
- 3 Position



### KS-002N

- Single pole
- Momentary



# KS-CP001

## Key Switch

- Green plastic
- Resettable
- Surface mount
- Removable key
- Double pole
- 2 position
- Maintained operation

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 51 |



# KS-900LD

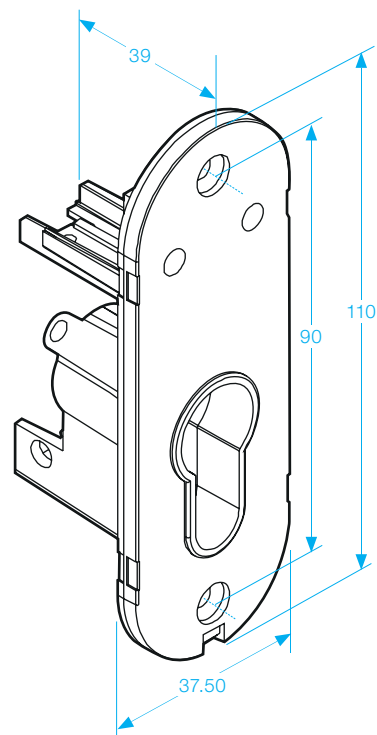
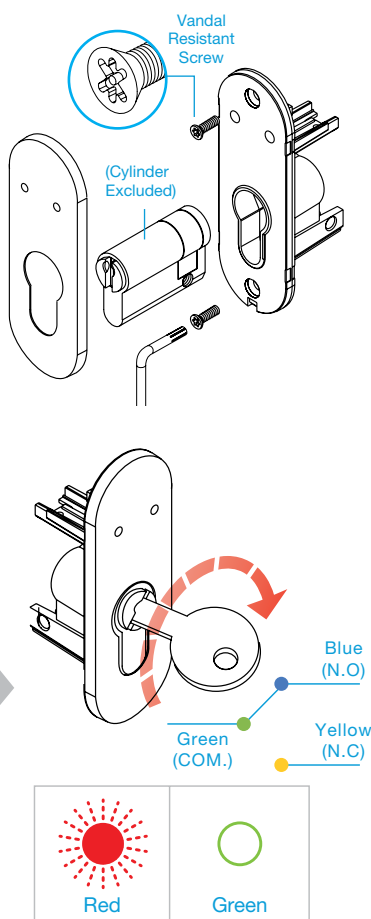
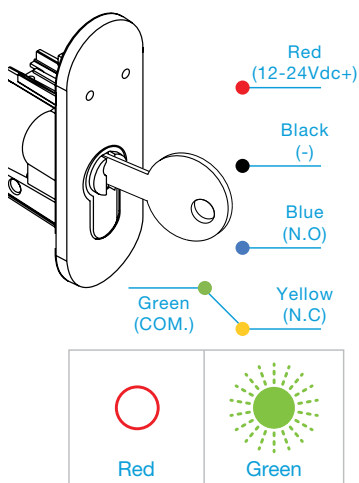
## Keyswitch

- Operating voltage 12~24Vdc
- Brushed Stainless Steel
- Eurostyle keyswitch
- Switch rating 5A/125Vac
- Mortice mount
- Maintained microswitch
- 2 LED indicators



### STATEMENT

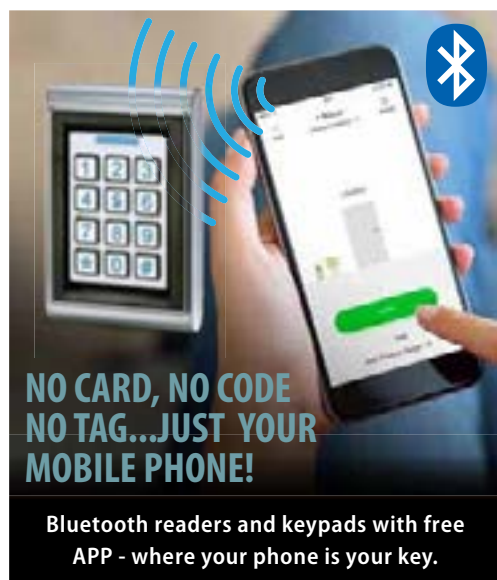
Key Switches are installed in secure locations outside, in parallel or series connection with the power supply and the electromagnetic lock. If the electromagnetic lock cannot be opened due to failure of the proximity reader or other incidents, the user can switch between normally closed (N.C.) and normally open (N.O.) contacts by the key, forcing the door to open. This acts as a backup to access control systems.







# Setting the Standard in Access Control



**NO CARD, NO CODE  
NO TAG...JUST YOUR  
MOBILE PHONE!**

Bluetooth readers and keypads with free APP - where your phone is your key.

**FIRE RATED PRODUCTS**

**UK  
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EN1634:1**



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**DAY OR NIGHT, KEEP AN  
EYE ON YOUR HOME...  
WHEREVER YOU ARE!**



WiFi Video Doorbell linked directly to your home or office for immediate viewing.

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EXIT  
DEVICES



ACCESS  
CONTROL



ELECTRIC  
LOCKING



AUDIO AND  
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ADDITIONAL  
EQUIPMENT



FIRE RATED  
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Units 1-2 JBJ Business Park Northampton Road Blisworth Northampton NN7 3DW  
Telephone: 01604 879300 Facsimile: 01604 859545 Email: [orderline@icssecurity.co.uk](mailto:orderline@icssecurity.co.uk)

**PBA-860S**

SILVER

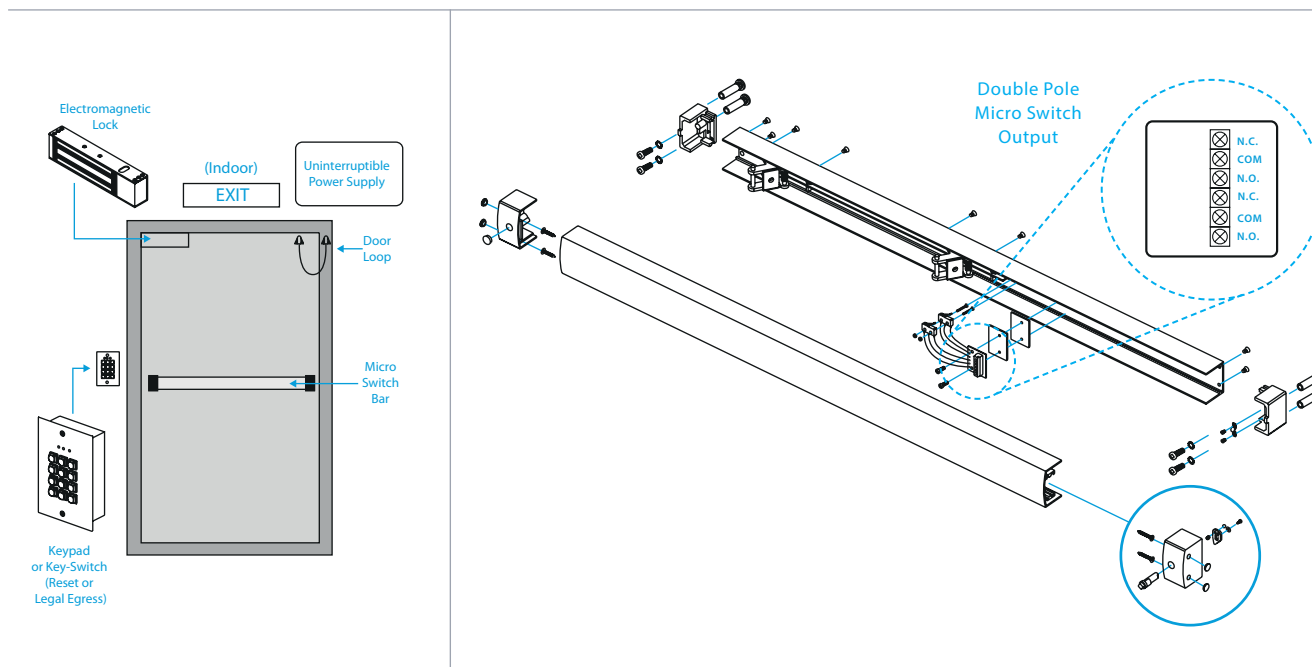
**PBA-860G**

GREEN

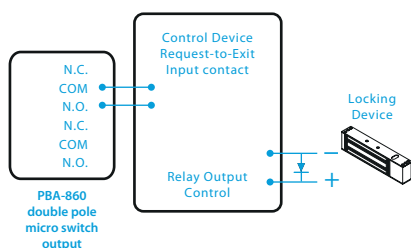
**GEM****Micro Switched Push Bar**

- Aluminium
- 2 pole
- Surface mount
- COM / NO / NC  
Change-over-contacts

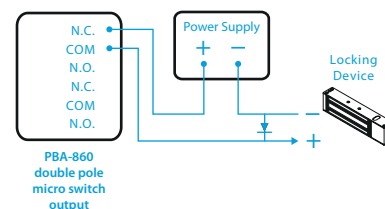
| L              | W  | D  |
|----------------|----|----|
| (up to)<br>860 | 60 | 62 |

**OPTIONS****DEM100****FIG A**

The locking device was released by connecting PBA-860 switch output to 'Request-to-Exit' input contact on control device.

**FIG B**

The locking device was released by PBA-860 switch output directly.





## Fireman Switches

- Brushed Stainless Steel
- Flush or surface mount
- COM / NO / NC  
Change-over-contacts

| PRODUCT      | H   | W   | D   |
|--------------|-----|-----|-----|
| FIRE SURFACE | 130 | 90  | 100 |
| FIRE FLUSH   | 170 | 130 | 76  |

**FIRE SURFACE**



**FIRE FLUSH**



## KG-113D Key

### Firemans Drop Key

- Brushed Stainless Steel

| L  | D  |
|----|----|
| 85 | Ø8 |



# CP Range

## Breakglass Call Point

- Green plastic
- Break glass
- Surface mount

**GEM**

### CP15

- Single pole

### CP24-G

- 4 pole

### CP31G-UC

- 2 pole

#### OPTIONS

CP24-G Key

CP31G-UC Key

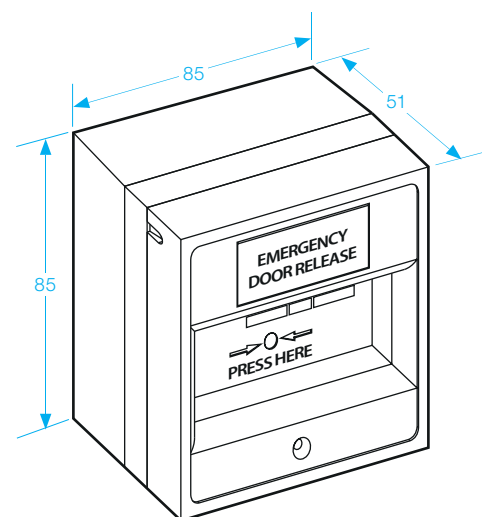
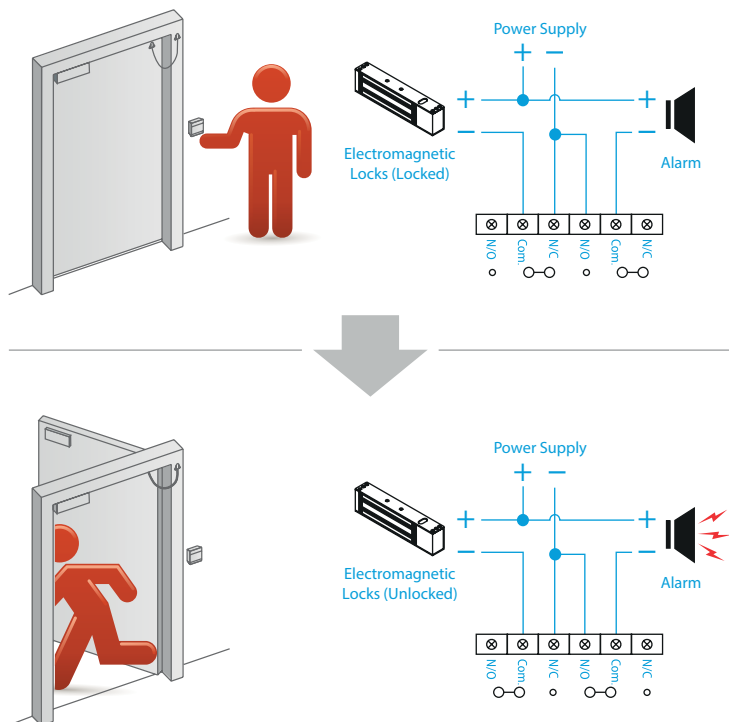
CP15-C Key

CP Glass

CP15 Cover

CP24-G Cover

CP31G-UC Cover



#### SPECIFICATION

- COM / NO / NC Change-over-contacts x 2
- Contact resistance 150m
- Contact resistance 3A @125Vac



## CP15-N SINGLE POLE

## CP21-N 2 POLE

### Breakglass Call Point

- Green plastic
- Break glass
- Surface mount

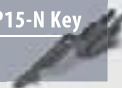


#### OPTIONS

CP21-N Key



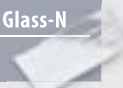
CP15-N Key



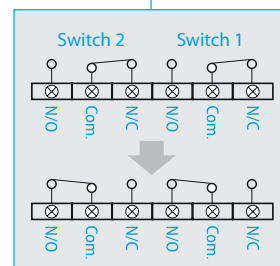
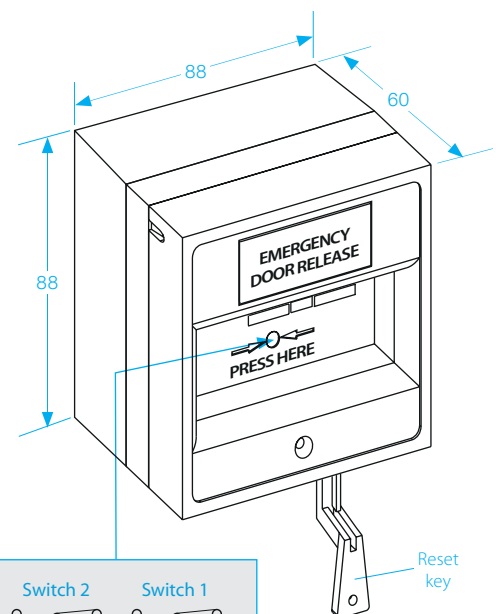
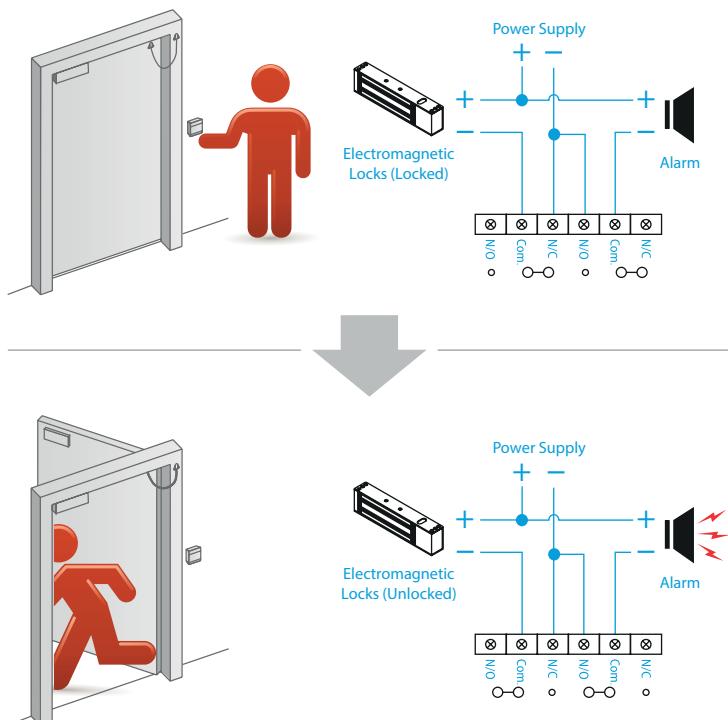
MX003-N



CP Glass-N



MX002



#### SPECIFICATION

- COM / NO / NC  
Change-over-contacts x 2

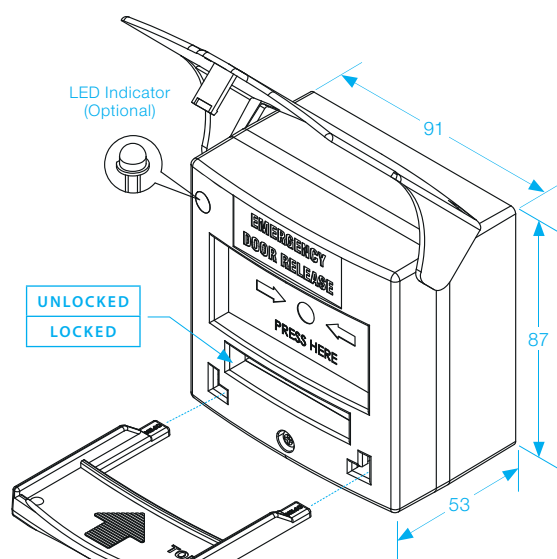
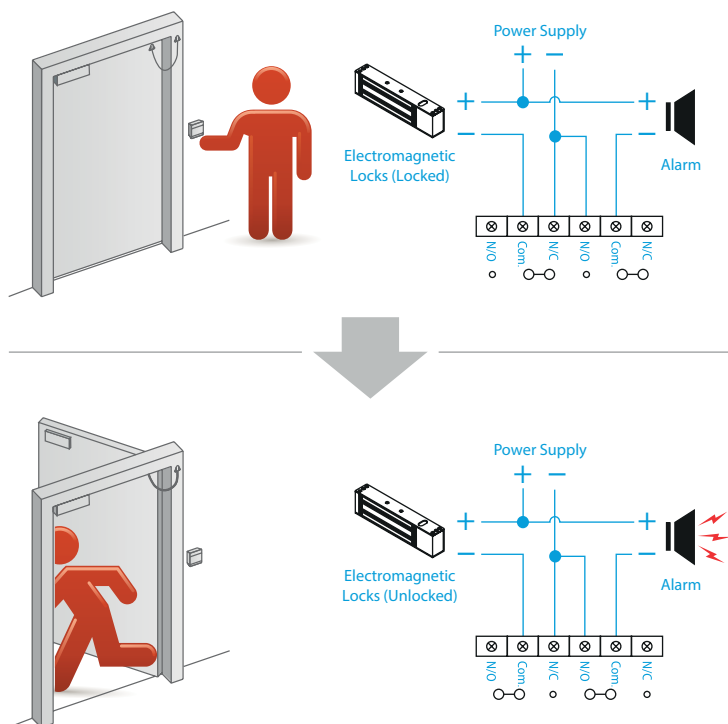
- Contact resistance 150m
- Contact resistance 3A @125Vac

# CP32G-L

## Resettable Call Point



- Green plastic
- Resettable
- Surface mount
- Double Pole



### SPECIFICATION

- COM / NO / NC Change-over-contacts x 2
- Contact resistance 150m
- Contact resistance 3A @125V~



# CP Range

## Resettable Call Point

- Green plastic
- Resettable
- Surface mount

### CP22

- 2 pole



### CP22-N

- 2 pole



### CP22-N-EDR

- 2 pole



### CP22-3N

- Triple pole

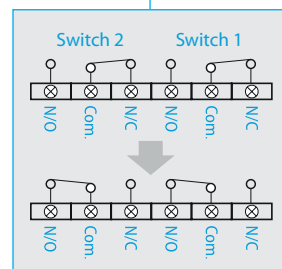
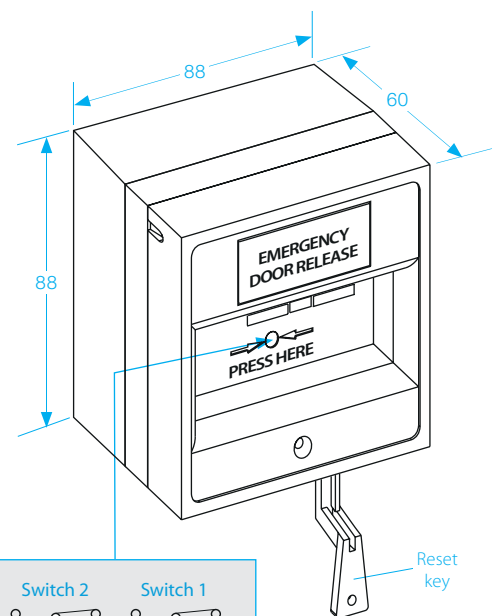
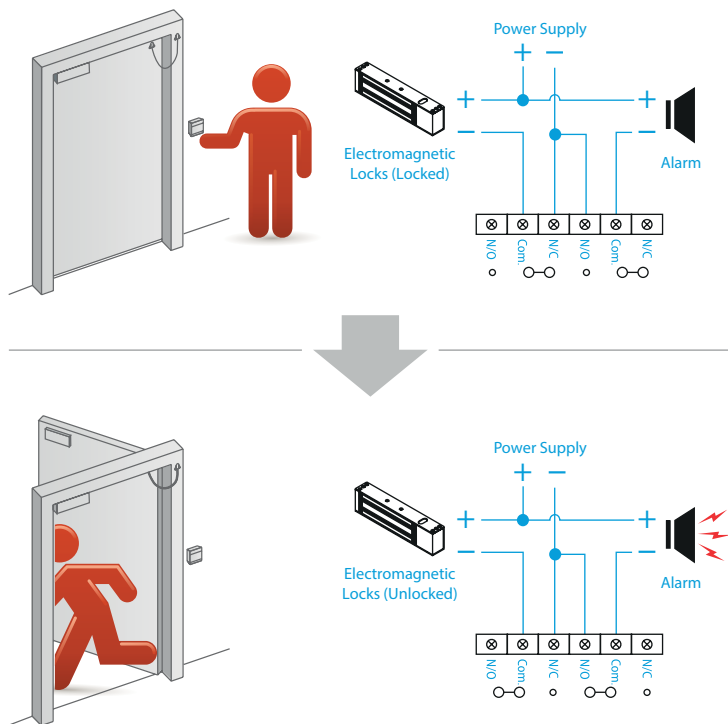


#### OPTIONS

CP22 Key

CP22-N Key

MX003-N



#### SPECIFICATION

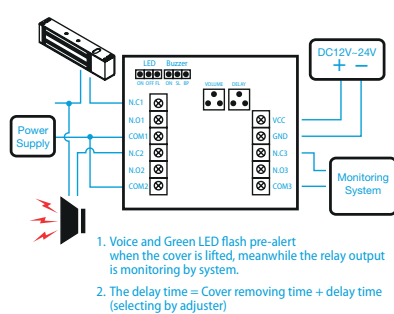
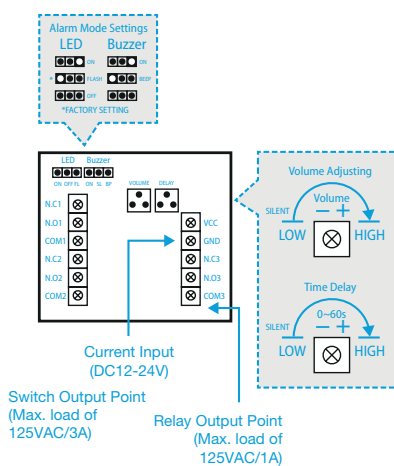
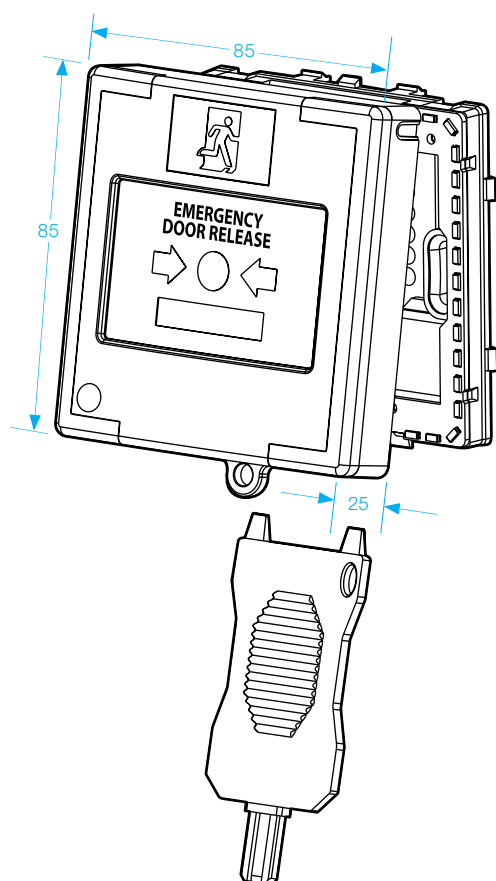
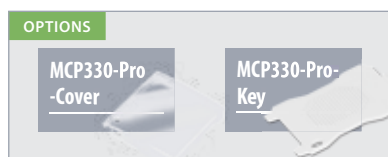
- COM / NO / NC  
Change-over-contacts x 2

- Contact resistance 150m
- Contact resistance 3A @125Vac

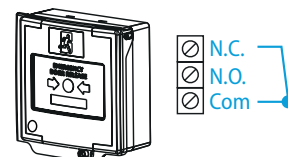
# MCP330-PRO

## Resettable Illuminated Call Point with Cover, Activation Sounder and Timer

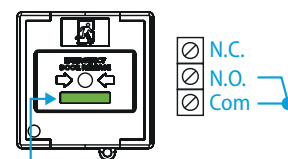
- Operating voltage 12~24Vdc
- Green plastic
- Resettable
- Adjustable sounder
- Adjustable LED
- Triple pole
- Alarmed cover sounder



MCP330PRO Contact 3 Status: Close Cover

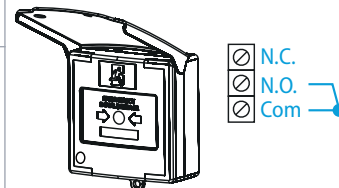


MCP330PRO Contact 1 & 2 Status

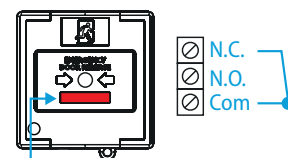


GREEN Display: Standby Status

MCP330PRO Contact 3 Status: Lift Cover



MCP330PRO Contact 1 & 2 Status



RED Display: Alarm Status



# Exit Devices

## Accessories

Various replacement and accessories for our exit device range.



### MX002

Plastic alternative to glass for CP15 and CP21 range.



### CP-GLASS-N

Replacement clear glass for CP15, CP21, CP15N and CP21N.



### MX003-N

Clear plastic cover for CP15, CP21, CP22, CP15N, CP22N, CP22-3N, CP21N and CP22N-EDR.



### CP24-G-COVER

Clear plastic cover for CP24G.



### PS200

Clear plastic cover for CP22-3WP.



### MCP330-PRO COVER

Clear plastic cover for MCP330-PRO.



### MCP330-PRO KEY

Clear plastic key for MCP330-PRO.



### CP22-KEY

Black plastic key for CP22.



### CP22-KEY-N

Black plastic key for CP15, CP15-N, CP21, CP21-N, CP22-N and CP22N-EDR.



### CP22-3-N KEY

Black plastic key for CP22-3.



### CP22-3-N-KEY

Black plastic key for CP22-3.



### BG1 KEY

Black plastic key for BG1 and BG1G.

# STI-WRP-G-II

## Resettable Call Point



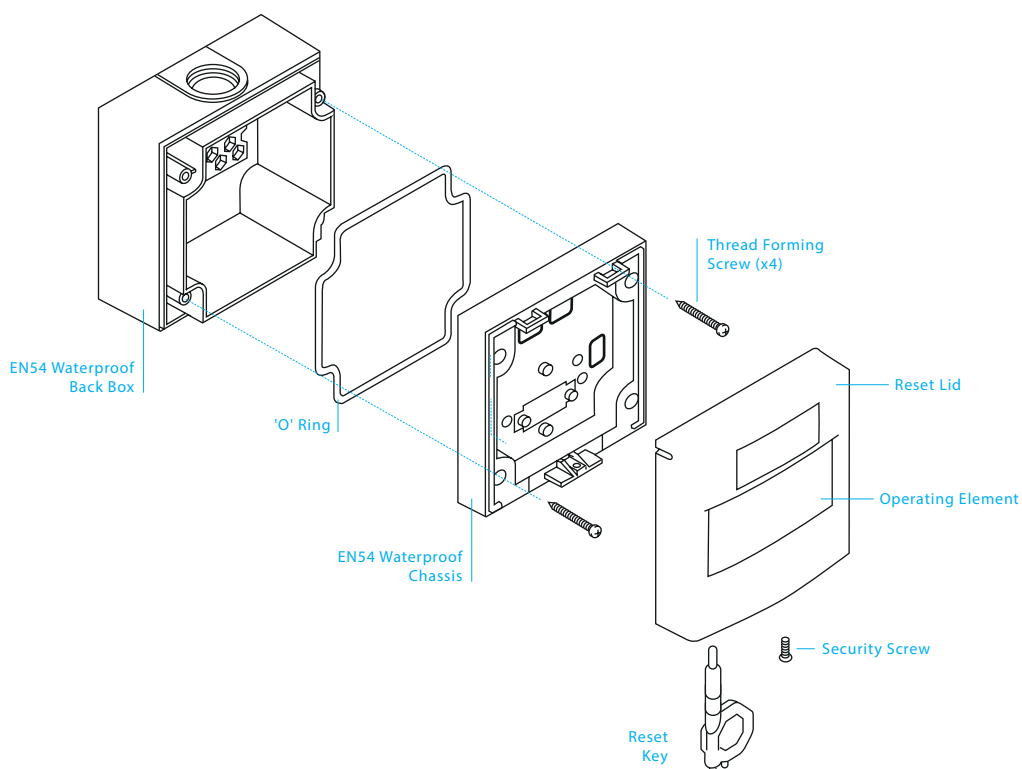
- Operating voltage 12 or 24Vdc
- Polycarbonate construction
- Surface mount
- Easy installation



WEATHER  
RESISTANT  
— IP 67 —

### HOW IT WORKS

The 'ReSet' uses a simple yet ingenious patented mechanism which consists of a rigid plastic operating element and an over centre spring mechanism. This arrangement provides real action on operation and simulates break glass activation. An activation indicator drops into view at the top of the window after the 'ReSet' has been operated. The unit is then simply reset with a key and is ready for use straight away.



### SPECIFICATION

- Unique manual call point that mimics the feel of breaking glass whilst offering user benefits of resettable operating element.
- Three year guarantee against breakage
- One year guarantee on electro - mechanical and electronic components
- Operating temperature: -20~65°C (-4 to 149°F).

**BG1**

WHITE

**BG1G**

GREEN

**Resettable Call Point**

- Green or white plastic
- Single pole
- Surface mount
- LED Illuminated
- COM / NO / NC  
Change-over-contacts

| H  | W  | D  |
|----|----|----|
| 85 | 85 | 51 |

**OPTIONS**

MX003-C

BG1 Key

**CP22-3WP****Waterproof Breakglass Call Point**

- Green plastic
- Triple pole
- Resettable
- Surface mount
- Externally rated weatherproof
- COM / NO / NC  
Change-over-contacts x 3



WEATHER  
RESISTANT  
– IP 67 –

| H   | W   | D  |
|-----|-----|----|
| 135 | 125 | 62 |

**OPTIONS**

PS200

# 15C20MG-ICS

## Euro Stopper

- Polycarbonate construction
- Surface mount
- Can retrofit over existing device
- **Green cover supplied only**
- Built-in sounder (*Optional*)
- Glows in the dark

### HOW IT WORKS

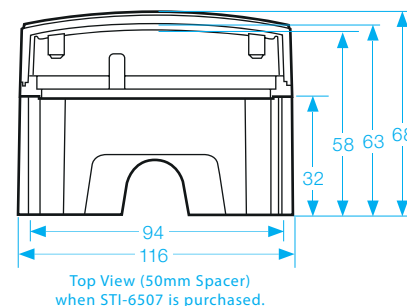
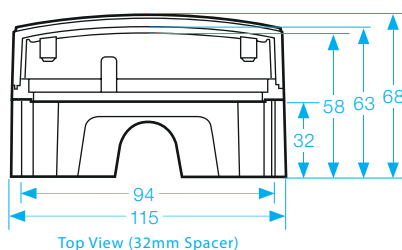
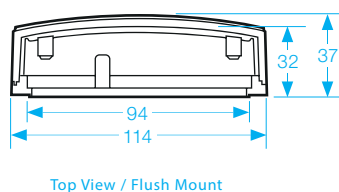
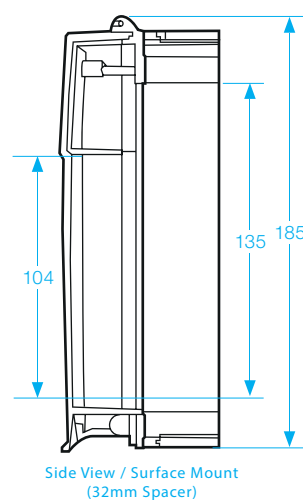
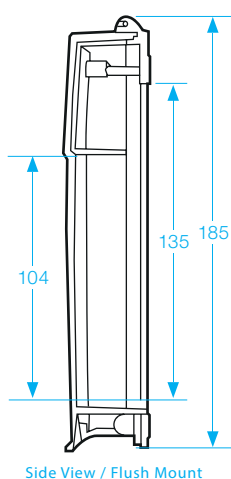
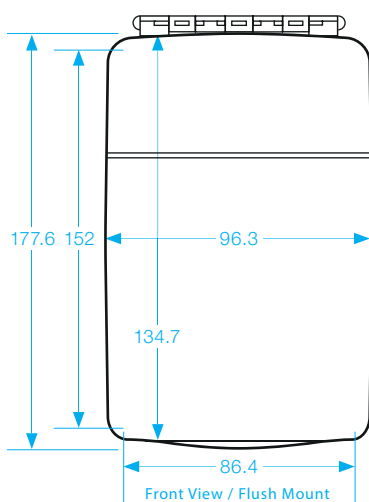
The Euro Stopper® consists of a clear, tamper proof, tough polycarbonate cover and frame that retrofits over the break glass call point. When lifted to gain access to the break glass, its optional battery powered integral sounder emits an ear piercing 96 dB (at 1 meter). Immediate attention is drawn to the area and the prankster will either run or be caught.

### ABOUT THE GLOW GUIDE AND MULTI KIT

The Glow Guide is a unique material that is embedded in the perimeter of the frame and illuminates in the dark creating a radiant glow around the manual call point making it easier to locate in dark areas. The Multi Kit® comes with one Euro Stopper® frame embedded with the Glow Guide, 2 coloured housing shells (red & green), 1 break seal and 2 label sheets in 13 languages. Available with or without sounder. If you require the product with sounder & relay, sounder & wireless or with sounder, wireless & relay it is recommended to purchase the non-sounder version and then further purchase the appropriate accessory to suit your needs.



### GREEN COVER SUPPLIED



### SPECIFICATION

- Protective cover helps prevent malicious or accidental false fire alarms
- Three year guarantee against breakage
- Operating temperature: -40~49°C (-40 to 120°F).
- Break seal option for added security.
- Available with or without a 96dB integral sounder powered by a 3V lithium battery.

# STI-15C20ML



## Euro Stopper

- Polycarbonate construction
- Surface mount
- Can retrofit over existing device
- **Red and green covers supplied**
- Built-in sounder (*Optional*)
- Glows in the dark

### HOW IT WORKS

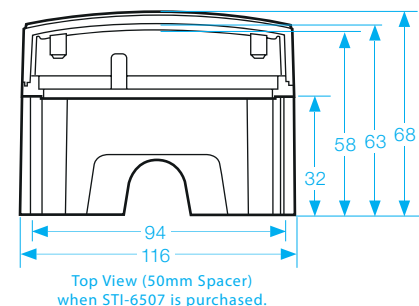
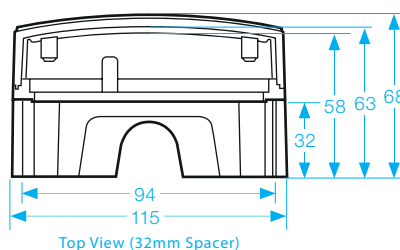
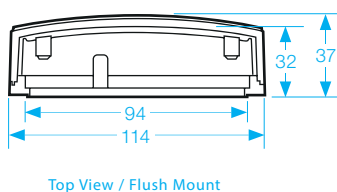
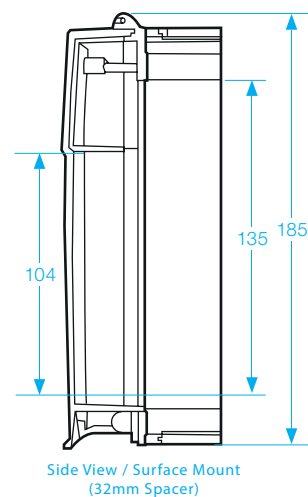
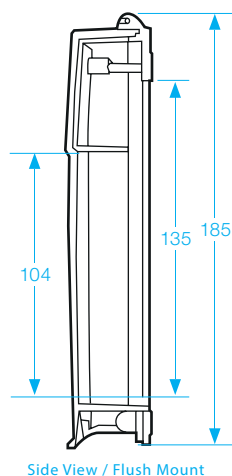
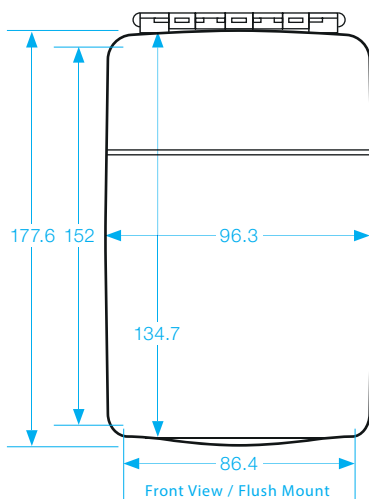
The Euro Stopper® consists of a clear, tamper proof, tough polycarbonate cover and frame that retrofits over the break glass call point. When lifted to gain access to the break glass, its optional battery powered integral sounder emits an ear piercing 96 dB (at 1 meter). Immediate attention is drawn to the area and the prankster will either run or be caught.

### ABOUT THE GLOW GUIDE AND MULTI KIT

The Glow Guide is a unique material that is embedded in the perimeter of the frame and illuminates in the dark creating a radiant glow around the manual call point making it easier to locate in dark areas. The Multi Kit® comes with one Euro Stopper® frame embedded with the Glow Guide, 2 coloured housing shells (red & green), 1 break seal and 2 label sheets in 13 languages. Available with or without sounder. If you require the product with sounder & relay, sounder & wireless or with sounder, wireless & relay it is recommended to purchase the non-sounder version and then further purchase the appropriate accessory to suit your needs.



### RED & GREEN COVERS SUPPLIED



### SPECIFICATION

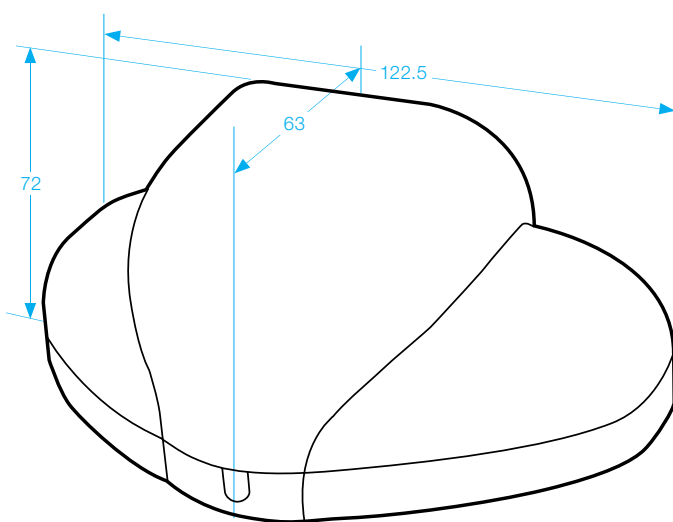
- Protective cover helps prevent malicious or accidental false fire alarms
- Three year guarantee against breakage
- Operating temperature: -40~49°C (-40 to 120°F).
- Break seal option for added security.
- Available with or without a 96dB integral sounder powered by a 3V lithium battery.

# MCS-425

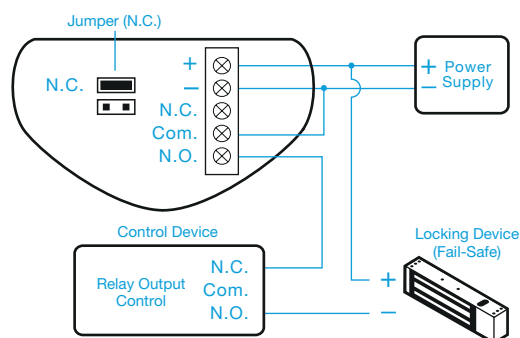
## Microwave Detector



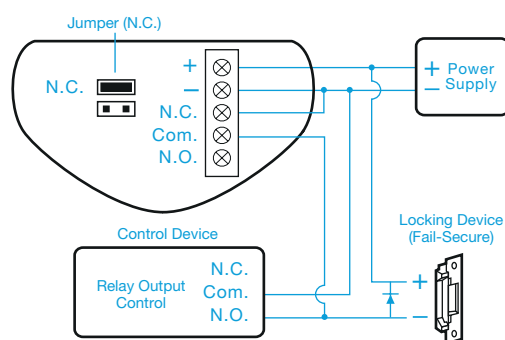
- Operating voltage 12~24Vdc/Vac
- Black ABS plastic
- Microwave
- Adjustable
- COM / NO / NC  
Change-over-contacts



**Fig A. The Connection for Fail-Safe lock devices**



**Fig B. The Connection for Fail-Secure lock devices**



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 80mA (at temperature 20°C).
- Operating temperature: -20~55°C (-4 to 131°F).
- Frequency: 10.535GHz
- Relay rated: 3A/120Vac; 3A/24Vdc
- Relay actuation time: 0.5~4 Seconds
- Sensor angle: 7.5°~82.5°



**CM-RQE70-B**

BLACK

**CM-RQE70**

WHITE



### Infra-Red Exit Sensor

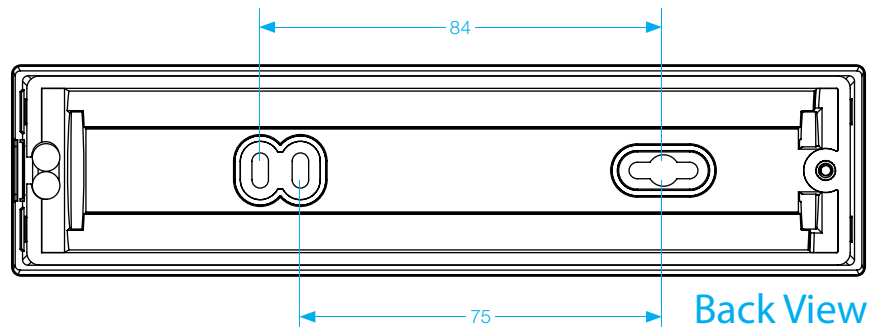
- Operating voltage 12~24Vdc/Vac
- Active infrared
- Installation height 3000mm (9.8ft max)
- Weather resistance - IP54
- Response speed 0.1~0.2s



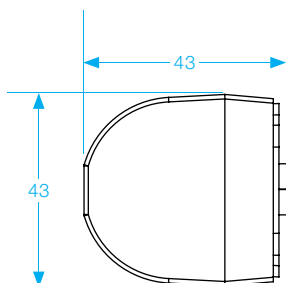
WEATHER  
RESISTANT  
- IP 54 -



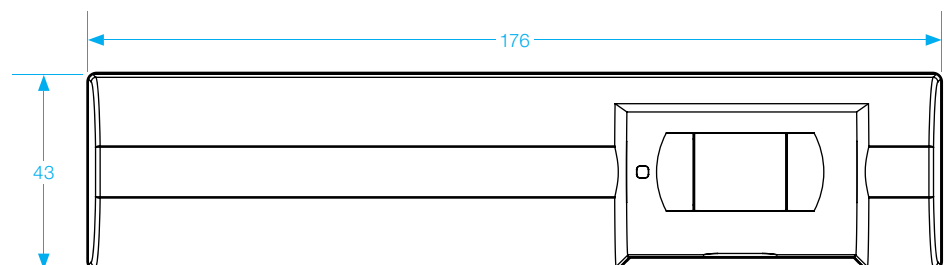
INFRA-RED



Back View



Side View



Front View

#### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: AC12V-2.1[VA] (Max), DC12V-110[mA] AC24V-2.1[VA] (Max), DC24V-60[mA] (at temperature 20°C).
- Operating temperature: -20~60°C (-20to 140°F).
- Humidity: 0~95% non-condensing.
- Test input 6[mA] (Max)@ 24 [VDC].
- Relay hold time 0.5 sec.
- Weight 0.25kg.



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NO TAG...JUST YOUR  
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Bluetooth readers and keypads with free APP - where your phone is your key.

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DEVICES



ACCESS  
CONTROL



ELECTRIC  
LOCKING



AUDIO AND  
VIDEO ENTRY



ADDITIONAL  
EQUIPMENT



FIRE RATED  
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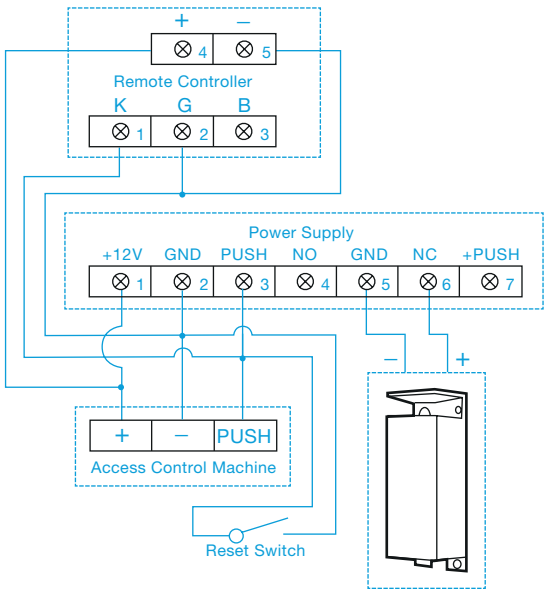
10604 FAIL SECURE

10602 FAIL SAFE

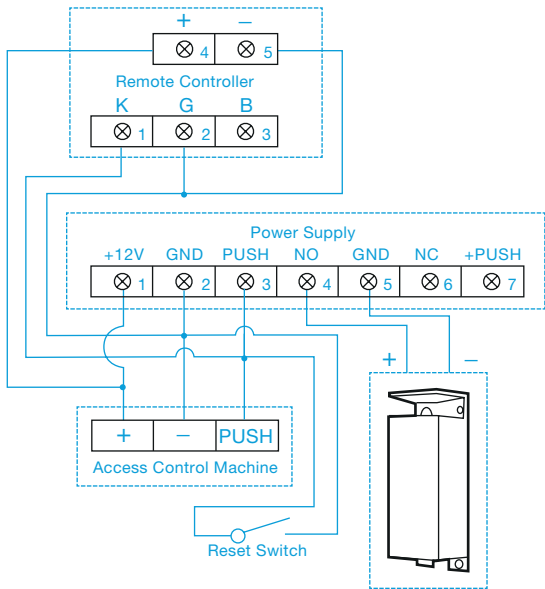
Secure Drawer / Cabinet Lock

- Operating voltage 12Vdc
- Easy to install
- Monitored
- Horizontal or vertical installation

| H  | W  | D  |
|----|----|----|
| 80 | 29 | 28 |



FAIL SAFE



FAIL SECURE

SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc (at temperature 20°C).
- Bolt status output indicates bolt locked or unlocked status (SPDT rated 3A at 30 Vdc).
- Tested to 500,000 cycles.
- Weight: 1.2kg (approx).

# GL-80F

## Minature Waterproof Magnetic Lock

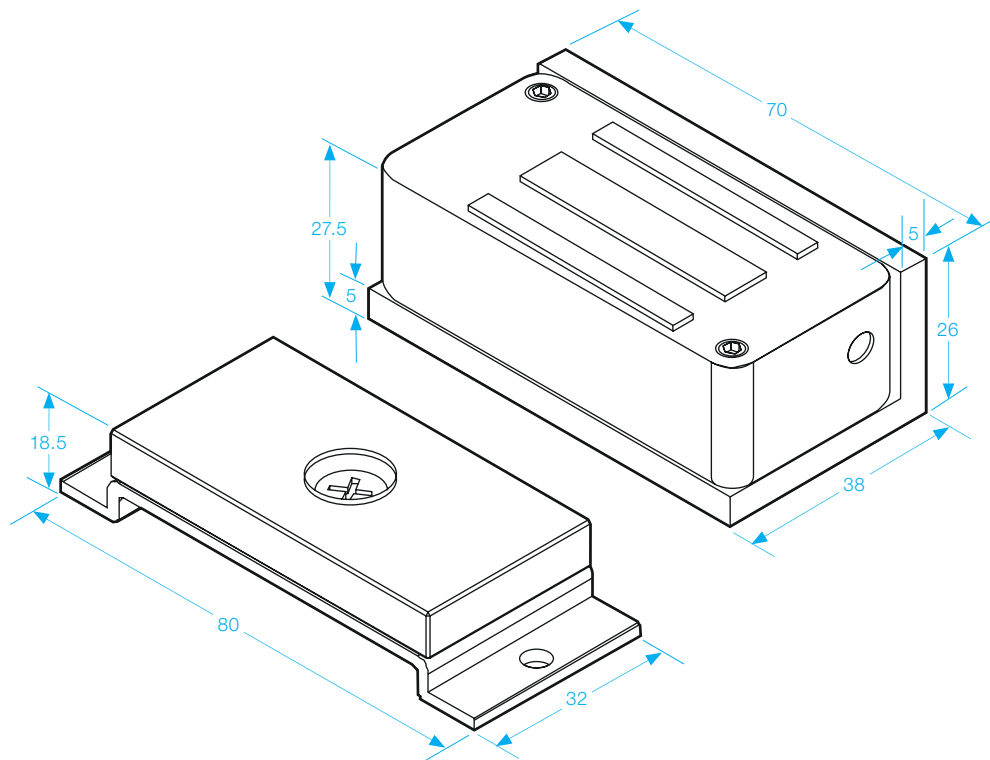
- Operating voltage 12 or 24Vdc
- Brushed Stainless Steel
- Weather resistant: IP65
- Holding force up to 80lbs (36kg)



WEATHER  
RESISTANT  
– IP 65 –



STAINLESS  
STEEL



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 140mA at 12Vdc, 170mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Weight: 350g (approx).



# 10003M

## Micro Mortice Magnet



- Operating voltage 12Vdc
- Stainless Steel
- Fail-Safe (*Power-to-Lock*)
- Weather resistant
- Vandal resistant
- Holding force up to 300lbs (136Kg)



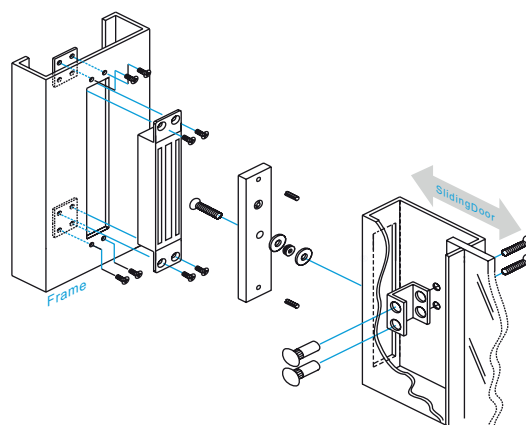
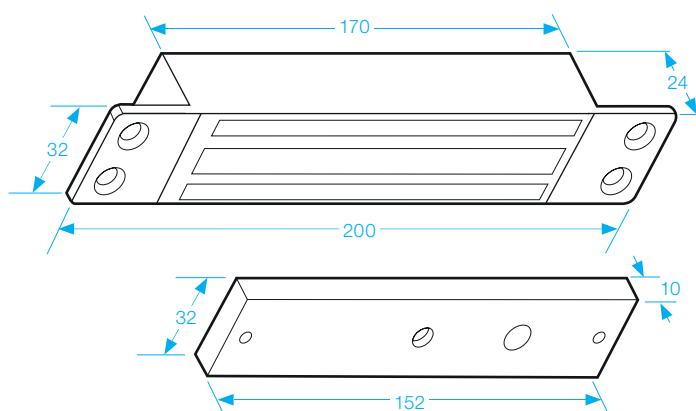
WEATHER  
RESISTANT  
— IP 65 —



VANDAL  
RESISTANT



STAINLESS  
STEEL



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 300mA at 12Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 1.5kg (approx).





# 10003F-12

## Micro Magnet

- Operating voltage 12Vdc
- Stainless Steel
- Fail-Safe (*Power-to-Lock*)
- Weather resistant: IP65
- Vandal resistant
- Holding force up to 300lbs (136Kg)



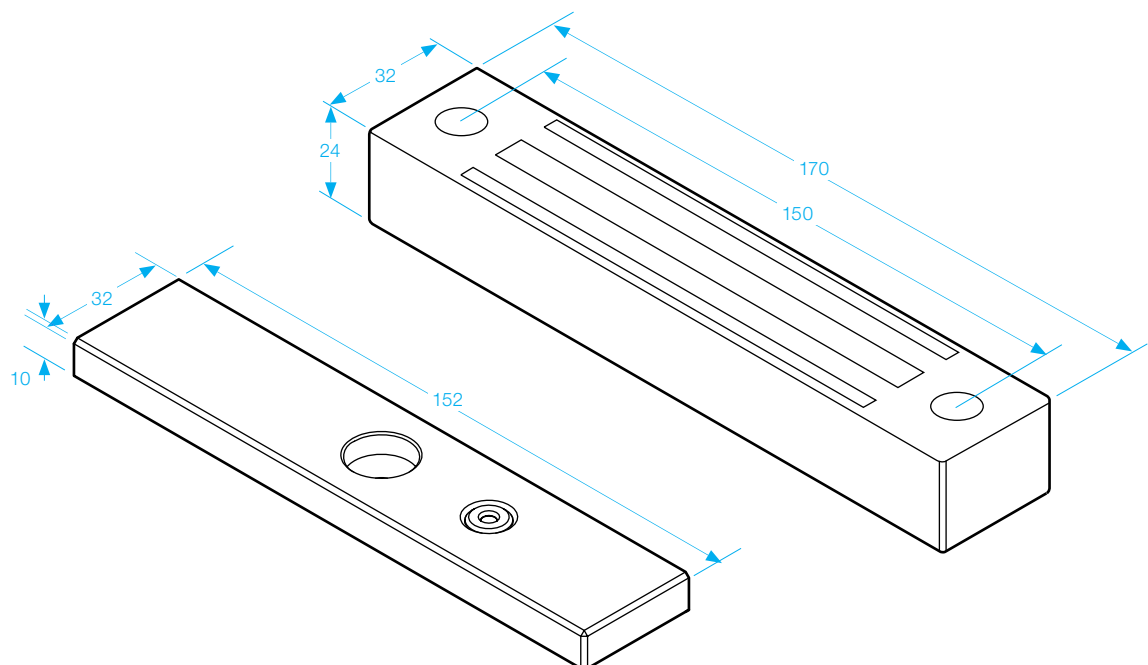
WEATHER  
RESISTANT  
— IP 65 —



VANDAL  
RESISTANT



STAINLESS  
STEEL



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 300mA at 12Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 1.5kg (approx).

# 10003S

## Micro Magnet



- Operating voltage 12Vdc
- Stainless Steel
- Fail-Safe (*Power-to-Lock*)
- Weather resistant: IP65
- Vandal resistant
- Holding force up to 300lbs (136Kg)



WEATHER  
RESISTANT  
— IP 65 —



VANDAL  
RESISTANT

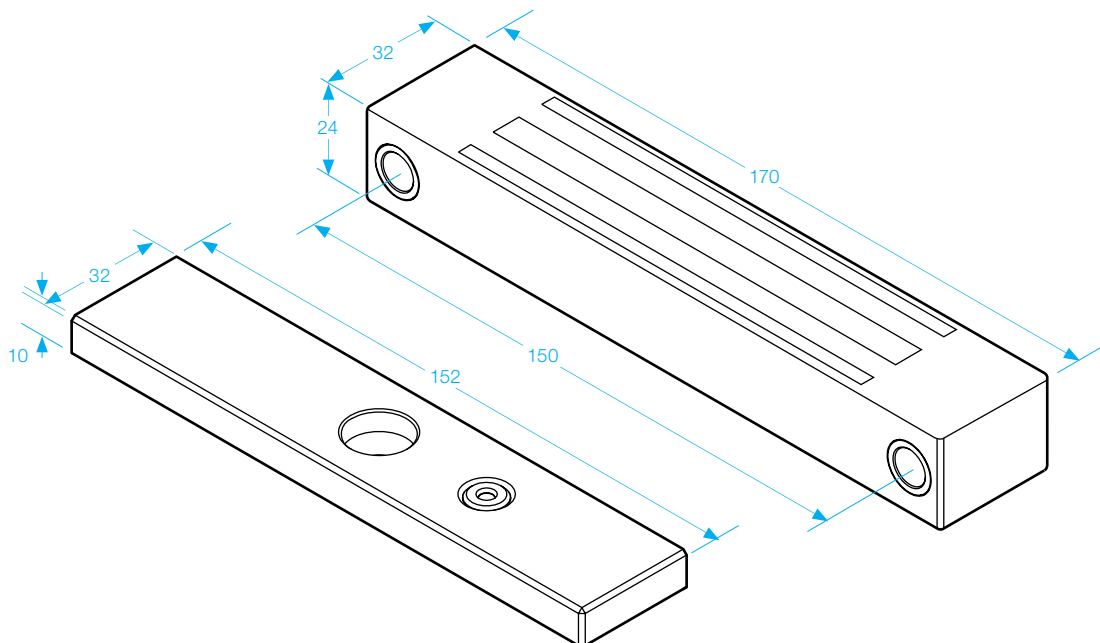


STAINLESS  
STEEL



### OPTIONS

LZ150



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 300mA at 12Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 1.5kg (approx).



# 10000 UNMONITORED

# 10000R MONITORED

## Mini Mortice Magnet

- Operating voltage 12~24Vdc
- Fail-Safe (*Power-to-Lock*)
- Holding force up to 600lbs (272Kg)



### OPTIONS

300BP

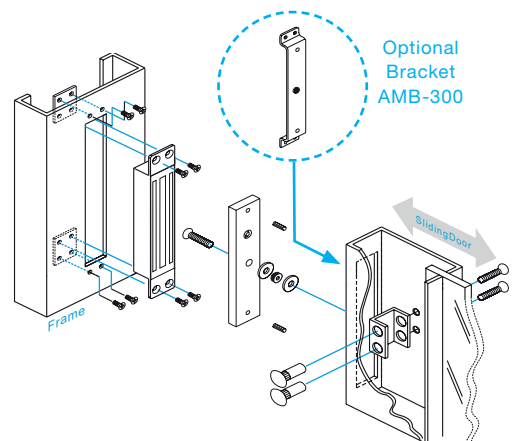
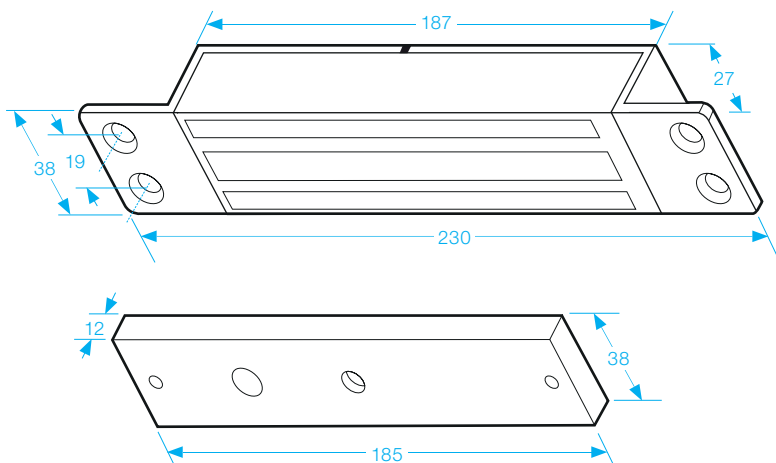
320M

ARCH 1

ARCH 2

ARCH 2-2

ARCH 2-2V



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 2.0kg (approx).

# 10000ST

# 10000STR

## Mortice Magnet

- Operating voltage 12~24Vdc
- Stainless Steel
- Fail-Safe (*Power-to-Lock*)
- Weather resistant: IP65
- Vandal resistant
- Holding force up to 300lbs (136Kg)



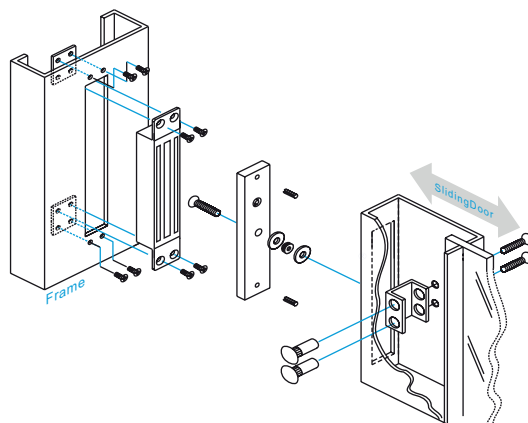
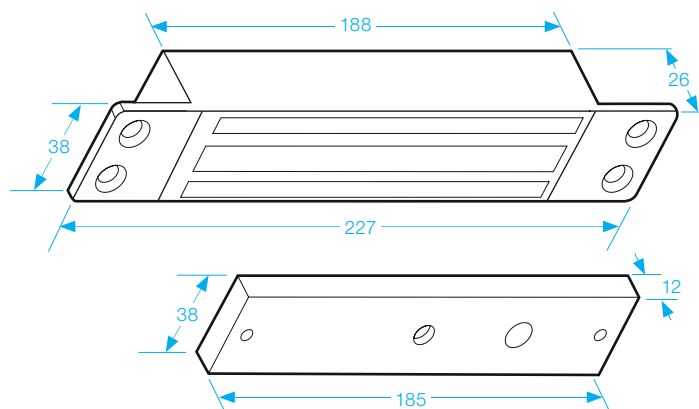
WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



STAINLESS  
STEEL



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 300mA at 12Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 1.5kg (approx).

# ARCH

## Slimline Transom Housings

- Aluminium
- Holding force 600lbs (272Kg) per magnet
- Complete with mounting plate
- External version available
- All housings are available with a suffix of 'DS' for door status monitoring. (For use with 10000, 10000R, U10000 & U10000R).

**SLIMLINE**



**ARCH 1**

1 meter transom housing - one cut out - horizontal fitting.



**300AF**

Flush mount armature housing.



**ARCH 2**

2 meter transom housing - one cut out - horizontal fitting.



**ARCH 2-2**

2 meter transom housing - two cut outs - horizontal fitting.

**1MTL**

1 meter 'L' bracket to suit ARCH 1.

**2MTL**

2 meter 'L' bracket to suit ARCH 2, ARCH 2/2 and ARCH2/2V.

**2MTL-C**

2 meter 'L' bracket with cover.

**ARCH 2/2V**

2 meter transom housing - two cut outs - vertical fitting.



# 10001

## Unmonitored Mini Magnet



- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 600lbs (272Kg)



### OPTIONS

300BP



320M



300ZL



300ZLDC



300AL



300CL



GDB14



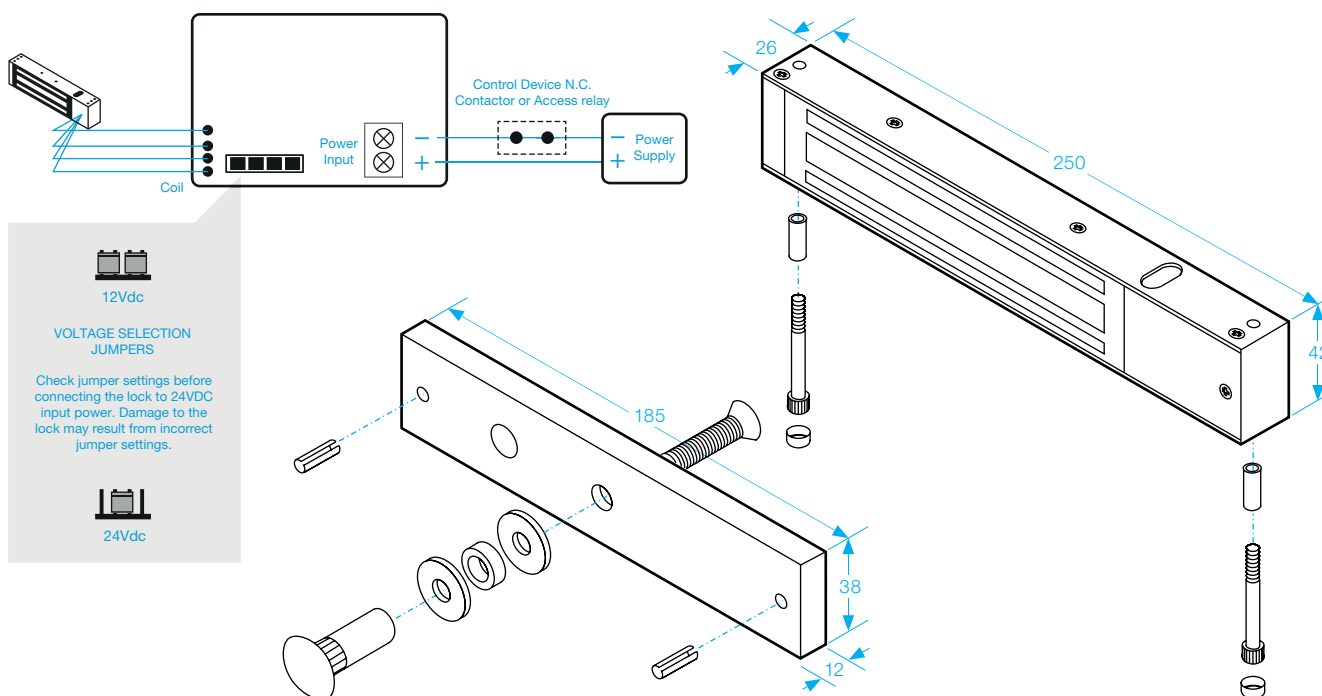
01EXTP



300ZLG



LD-MM-SC



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 2.0kg (approx).



# 10002

## Monitored Mini Magnet



- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 600lbs (272Kg)
- Status LED ● Red ● Green



### OPTIONS

300BP



320M



300ZL



300ZLDC



300AL



300CL



GDB14



01EXTP



300ZLG

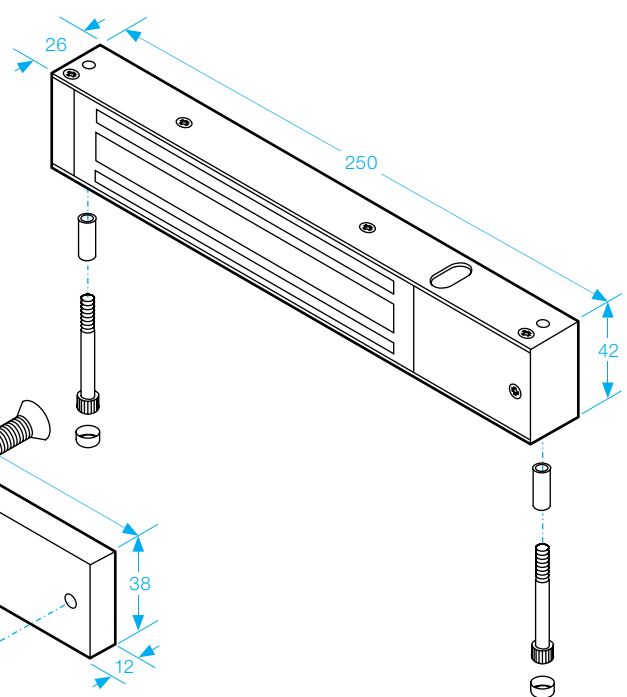
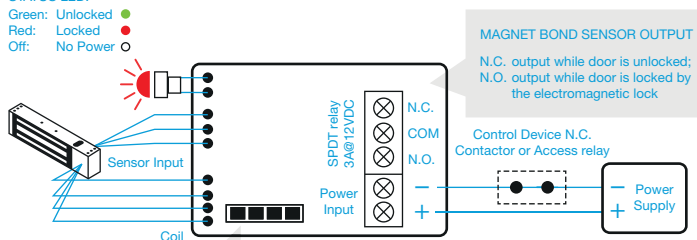


LD-MM-SC



### STATUS LED:

Green: Unlocked ●  
Red: Locked ●  
Off: No Power ○



12Vdc

### VOLTAGE SELECTION JUMPERS

Check jumper settings before connecting the lock to 24VDC input power. Damage to the lock may result from incorrect jumper settings.



24Vdc

### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C) for each magnet.
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 2.0kg (approx).

# 10004

## Unmonitored Double Mini Magnet

- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 600lbs x 2 (272Kg x 2)
- Surface mount



### OPTIONS

300BP



320M



300ZI



300ZLDC



300AL



300CL



GDB14



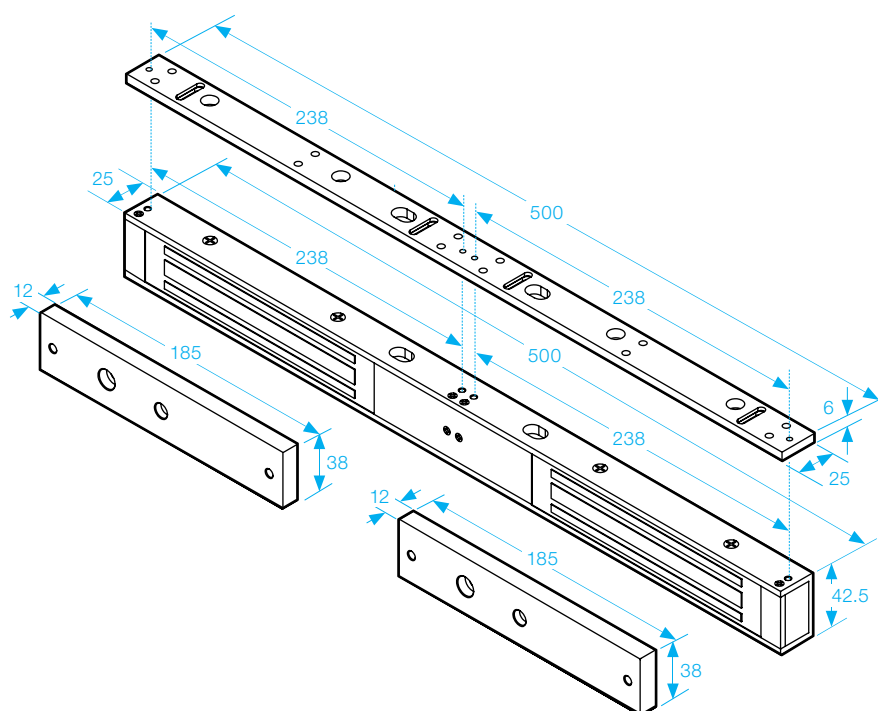
01EXTP



300ZLG

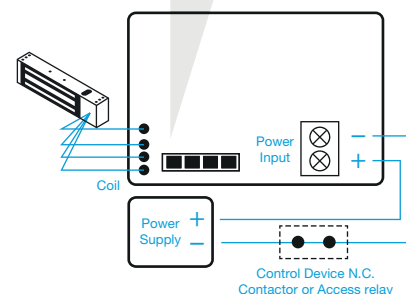


LD-MM-SC



### VOLTAGE SELECTION JUMPERS

Check jumper settings before connecting the lock to 24VDC input power. Damage to the lock may result from incorrect jumper settings.



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C) for each magnet.
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 4.0kg (approx).

# 10005

## Monitored Double Mini Magnet

- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 600lbs x 2 (272Kg x 2)
- Surface mount
- Status LED ● Red ● Green



### OPTIONS

300BP



320M



300ZI



300ZLDC



300AL



300CL



GDB14



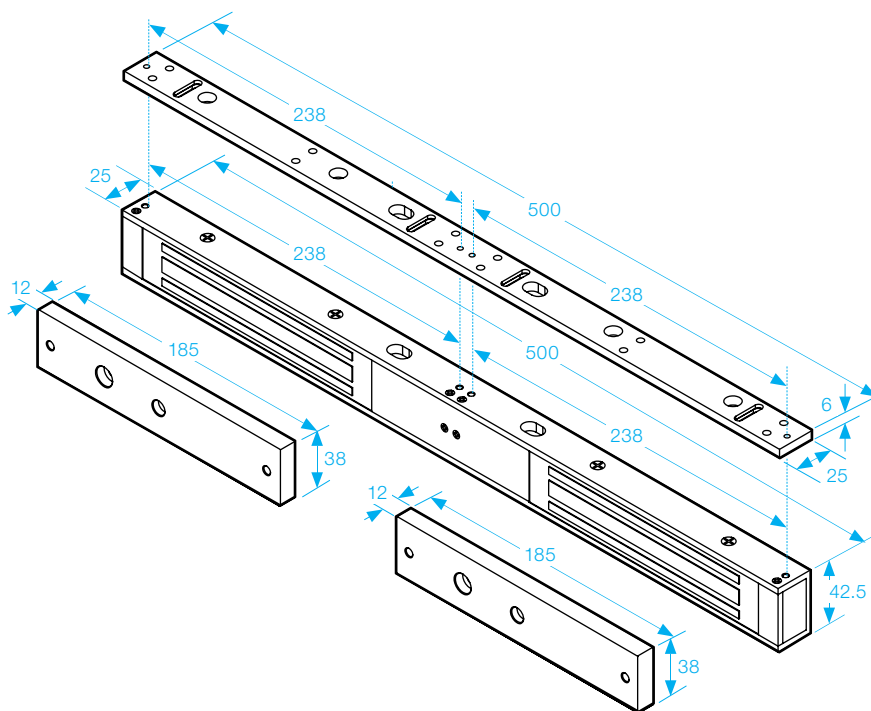
01EXTP



300ZLG



LD-MM-SC



### VOLTAGE SELECTION JUMPERS

Check jumper settings before connecting the lock to 24VDC input power. Damage to the lock may result from incorrect jumper settings.



12Vdc



24Vdc

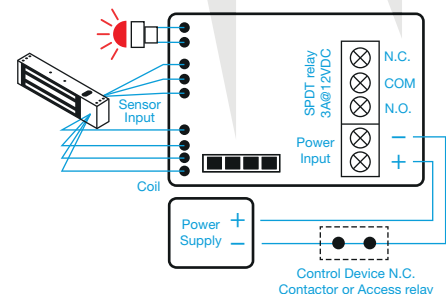
### MAGNET BOND SENSOR OUTPUT

**N.C.**  
Output while door is unlocked;

**N.O.**  
Output while door is locked by the electromagnetic lock.

### STATUS LED:

Green: Unlocked ●  
Red: Locked ●  
Off: No Power ○



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C) for each magnet.
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 4.0kg (approx).

# Mini Brackets

## Accessories and Armatures

A comprehensive range of adjustable brackets and armatures housings to compliment our mini magnetic range of products.

Finished in Anodised Aluminium. Special finishes available.



### 300AL

Adjustable L Bracket.



### 300ZLDC

Architectural Z&L Bracket with Cover.



### 320M

Armature Housing.



### 300ZL

Z&L Kit.



### U300ZL

Budget Z&L Kit.



### UGDB14

Glass Door Saddle up to 14mm.



### UBK300-L

L Bracket for glass door.



### U300ZL-G

Z&L Bracket for glass door.



### 01EXTP

Extended Top Plate.



### 01ARM

Replacement Armature.



### 300CL

Architectural L Bracket.



### 300BP

Armature mounting plate.



### 01F-KIT

Replacement fixing kit.



### MAG-55

Safety Strap.




### LD-MM-SC

Safety End Caps.





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CONTROL



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LOCKING



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VIDEO ENTRY



ADDITIONAL  
EQUIPMENT



FIRE RATED  
PRODUCTS



**ICS Security Solutions Ltd - Setting the Standard in Access Control**

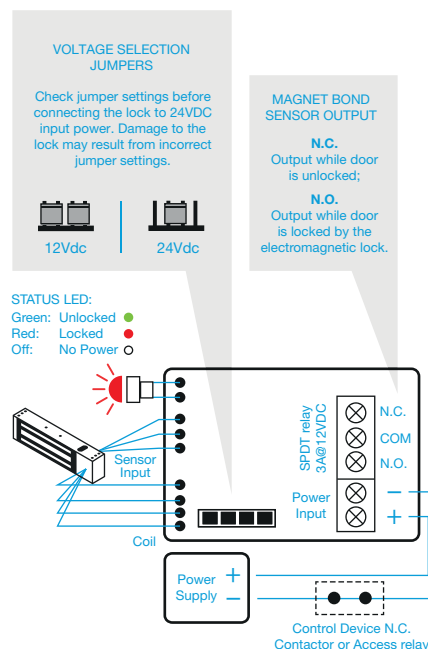
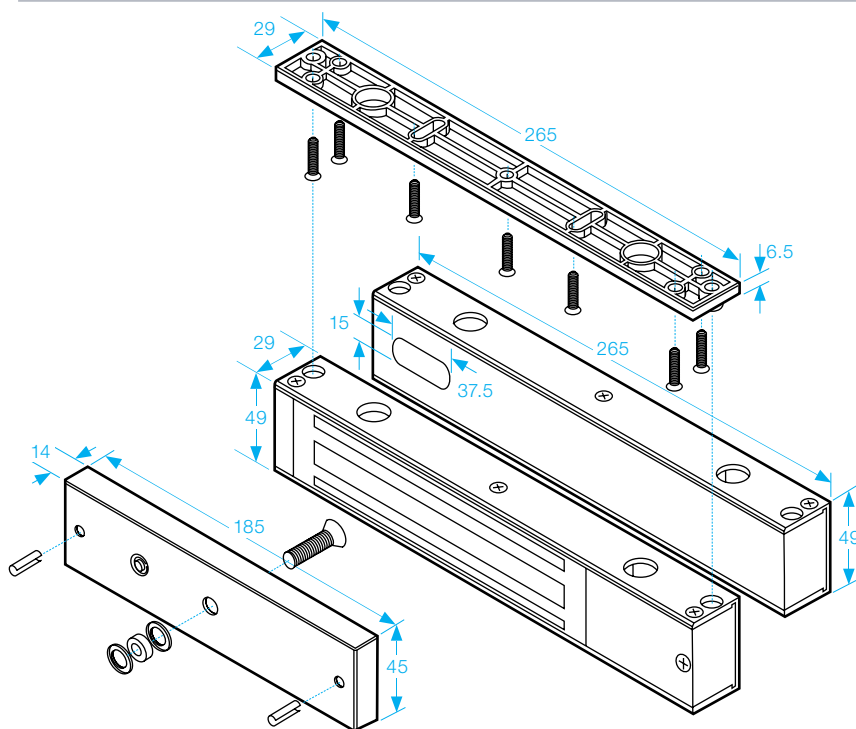
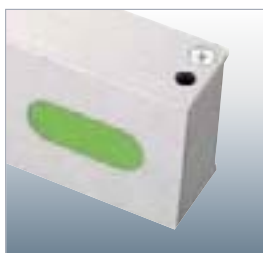
Units 1-2 JBJ Business Park Northampton Road Blisworth Northampton NN7 3DW  
Telephone: 01604 879300 Facsimile: 01604 859545 Email: [orderline@icssecurity.co.uk](mailto:orderline@icssecurity.co.uk)

# GEM800LD

## Midi Magnet



- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 800lbs (363g)
- Surface mount
- Status LED ● Red ● Green



### SPECIFICATION

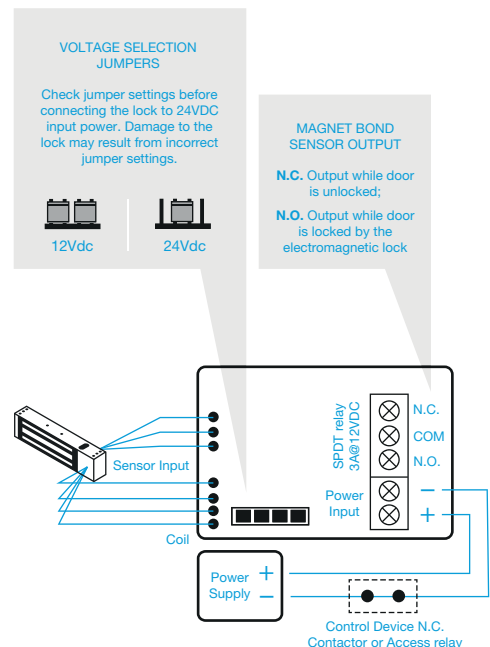
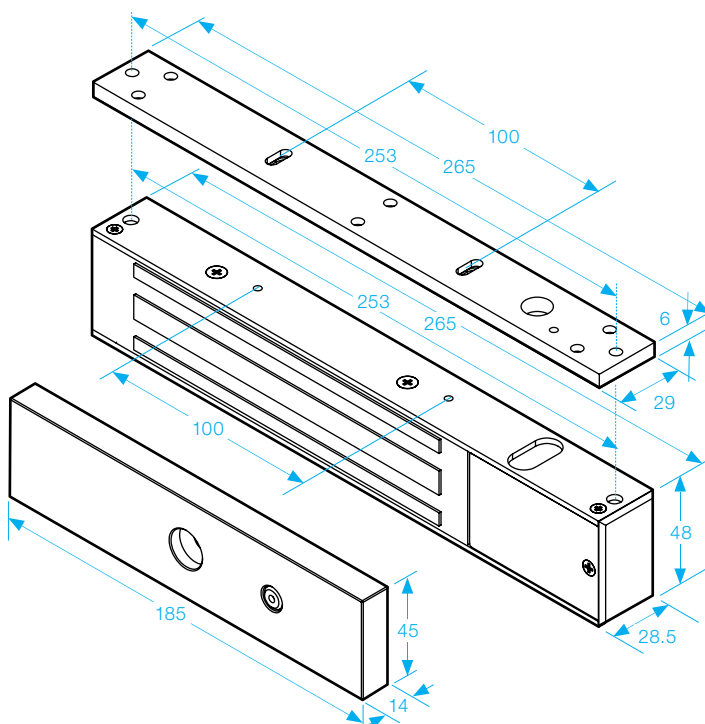
- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 3A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 5.0kg (approx).



**EM350** UNMONITORED**EM350M** MONITORED**Midi Magnet**

- Operating voltage 12~24Vdc
- Aluminium
- Holding force up to 850lbs (386Kg)

**SPECIFICATION**

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10 to 55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output door closed) (SPDT rated 3A at 12Vdc).
- Humidity: 0 to 95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 5.0kg (approx).

# 10010

## Unmonitored Standard Magnet

- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 1,200lbs (545Kg)



### OPTIONS

500BP



520S



500ZI



500ZLDC



500AL



500CL



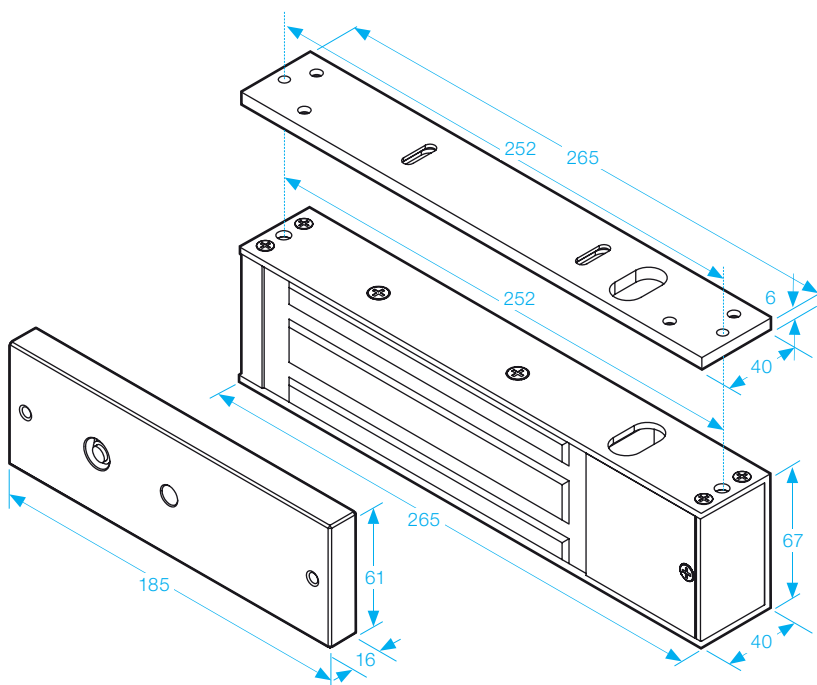
GDB14



10EXTP



LD-SM-SC



### VOLTAGE SELECTION JUMPERS

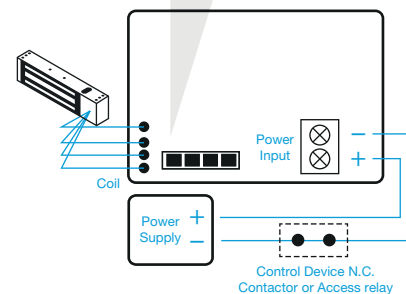
Check jumper settings before connecting the lock to 24VDC input power. Damage to the lock may result from incorrect jumper settings.



12Vdc



24Vdc



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 5.0kg (approx).

# 10020

## Monitored Standard Magnet

- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 1,200lbs (545Kg)
- Status LED ● Red ● Green



### OPTIONS

500BP



520S



500ZI



500ZLDC



500AL



500CL



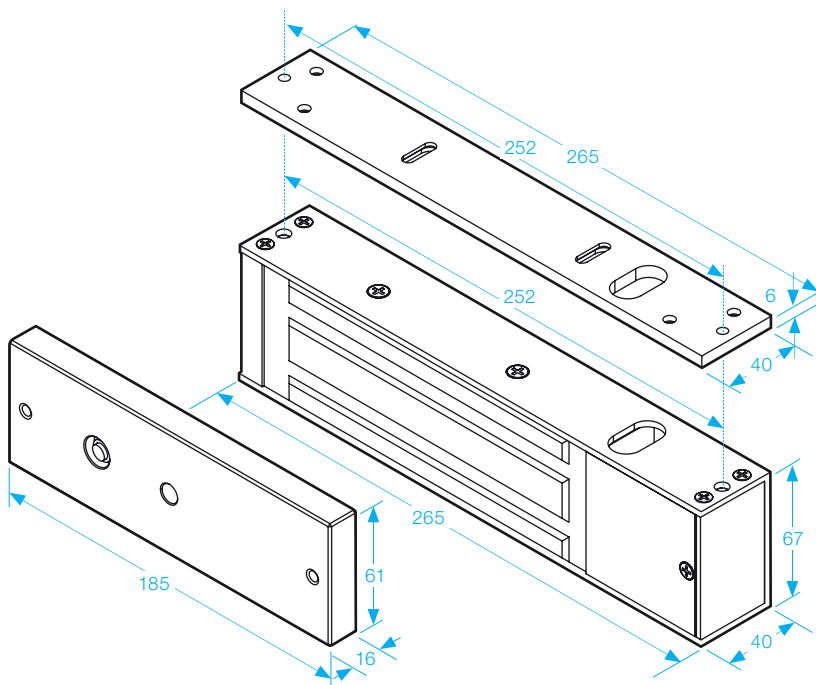
GDB14



10EXTP



LD-SM-SC



### VOLTAGE SELECTION JUMPERS

Check jumper settings before connecting the lock to 24VDC input power. Damage to the lock may result from incorrect jumper settings.

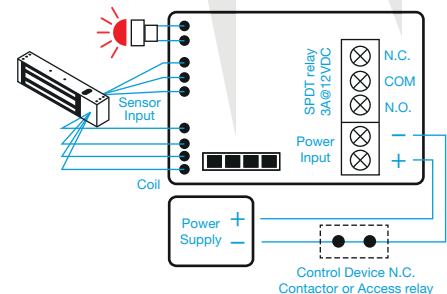


### MAGNET BOND SENSOR OUTPUT

**N.C.**  
Output while door is unlocked;

**N.O.**  
Output while door is locked by the electromagnetic lock.

**STATUS LED:**  
Green: Unlocked  
Red: Locked  
Off: No Power



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C.Output-Door opened; N.O.Output door closed) (SPDT rated 3A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 5.0kg (approx).

# 10040

## Monitored Double Standard Magnet

- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 1200lbs x 2 (545Kg x 2)
- Surface mount
- Status LED ● Red ● Green



### OPTIONS

500BP



520S



500ZI



500ZLDC



500AL



500CL



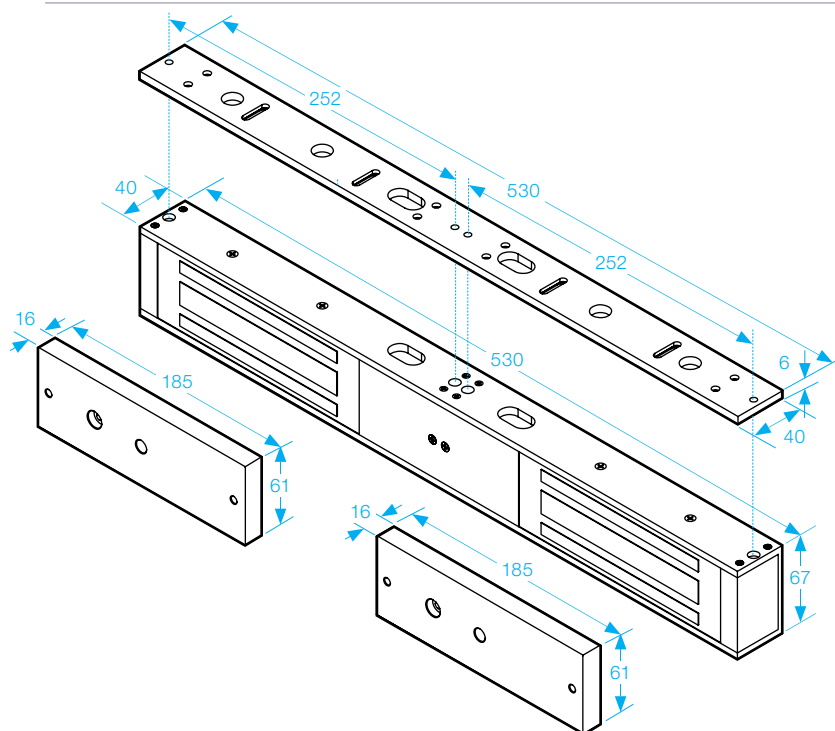
GDB14



10EXTP



LD-SM-SC



### VOLTAGE SELECTION JUMPERS

Check jumper settings before connecting the lock to 24VDC input power. Damage to the lock may result from incorrect jumper settings.



12Vdc

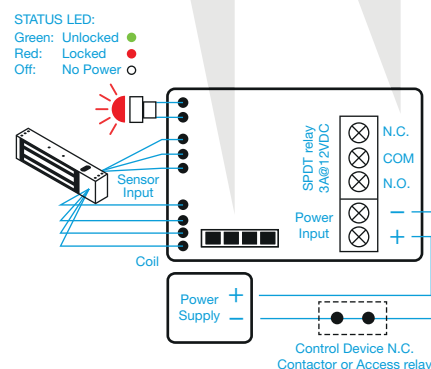


24Vdc

### MAGNET BOND SENSOR OUTPUT

**N.C.**  
Output while door is unlocked;

**N.O.**  
Output while door is locked by the electromagnetic lock.



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output door closed) (SPDT rated 3A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 8.0kg (approx).

# 10060

## Unmonitored Double Standard Magnet

- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 1200lbs x 2 (545Kg x 2)
- Surface mount



### OPTIONS

500BP



520S



500ZI



500ZLDC



500AL



500CL



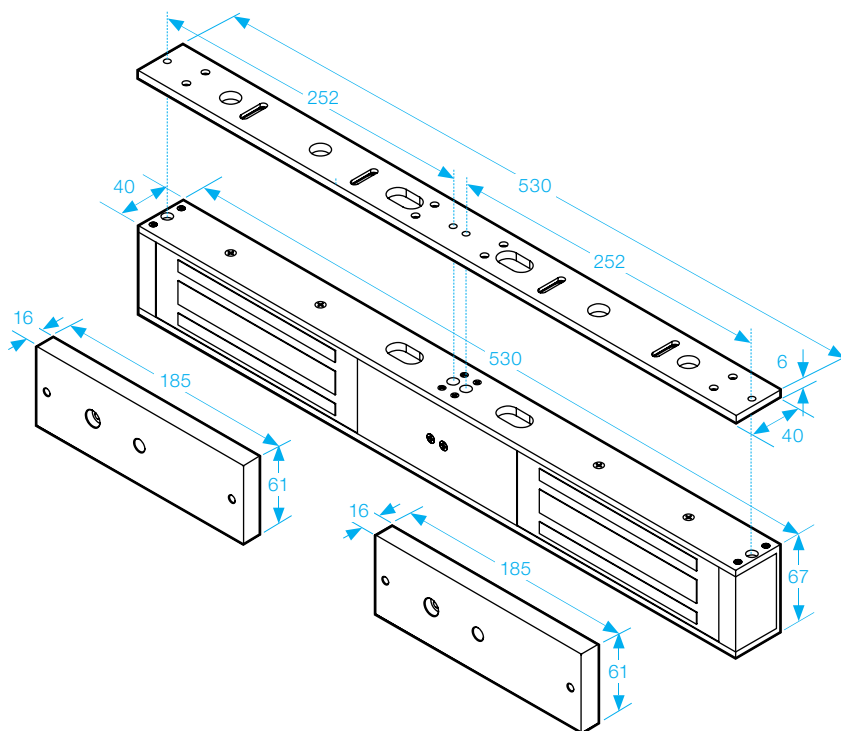
GDB14



10EXTP

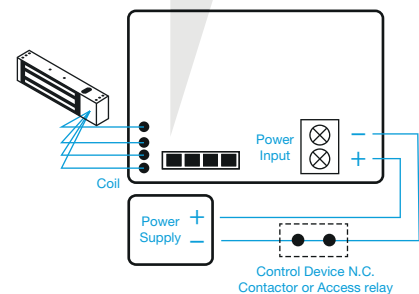


LD-SM-SC



### VOLTAGE SELECTION JUMPERS

Check jumper settings before connecting the lock to 24VDC input power. Damage to the lock may result from incorrect jumper settings.



### SPECIFICATION

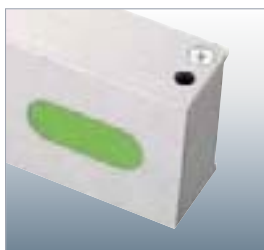
- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 8.0kg (approx).

# GEM1200LD

## Standard Magnet



- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 1200lbs (545Kg)
- Surface mount
- Status LED ● Red ● Green



### OPTIONS

500BP



520S



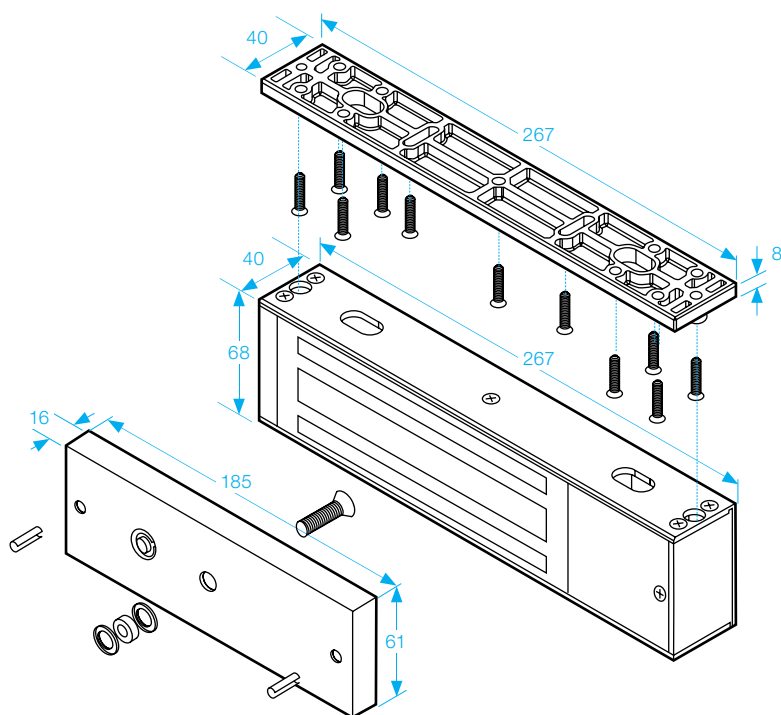
ZL-1200



L-1200



LD-SM-SC



### VOLTAGE SELECTION JUMPERS

Check jumper settings before connecting the lock to 24VDC input power. Damage to the lock may result from incorrect jumper settings.



12Vdc



24Vdc

### MAGNET BOND SENSOR OUTPUT

N.C.

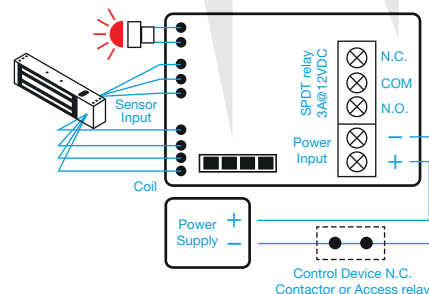
Output while door is unlocked;

N.O.

Output while door is locked by the electromagnetic lock.

### STATUS LED:

Green: Unlocked ●  
Red: Locked ●  
Off: No Power ○



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 3A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 5.0kg (approx).



# Standard Brackets

## GEM Accessories and Armatures

A comprehensive range of adjustable brackets and armatures housings to compliment our magnetic range of products.



Finished in Anodised Aluminium. Special finishes available.



### 500AL

Adjustable  
L Bracket for  
Standard Magnets.



### 500ZLDC

Standard Z&L  
Bracket with Cover.



### 520S

Large Armature  
Housing.



### 500ZL

Z&L Kit for  
Standard Magnet.



### GDB14

Replacement  
fixing kit for  
Standard Magnet.



### 10EXTP

Extended Top  
Plate for Standard  
Magnet.



### 10ARM

Replacement  
Armature for  
Standard Magnet.



### 500CL

Standard L  
with Cover.



### 500BP

Armature Mounting  
Plate for Standard  
Magnet.



### 10F-KIT

Replacement  
fixing kit for  
Standard Magnet.



### MAG-55

Safety Strap.



### LD-SM-SC

Safety End Caps for  
Standard Magnet.

# ARCH-10

## Standard Transom Housings

- All units supplied complete with monitored magnets
- Aluminium
- Holding force 1200lbs (545Kg) per magnet
- Complete with mounting plate
- Complete with armatures
- External version available
- All housings are available with a suffix of 'DS' for door status monitoring.

SUITABLE FOR EXTERNAL USE.



ARCH 1-10

1 meter transom housing - one cut out - horizontal fitting.



ARCH 2-10

2 meter transom housing - one cut out - horizontal fitting.



ARCH 2-2-10

2 meter transom housing - two cut outs - horizontal fitting.

1MTL-10

1 meter adjustable 'L' Bracket

2MTL-10

2 meter adjustable 'L' bracket

1MTL-10C

1 meter covered adjustable 'L' Bracket

2MTL-C

2 meter covered adjustable 'L' Bracket

ARCH 2-2-10V

2 meter transom housing - two cut outs - vertical fitting.



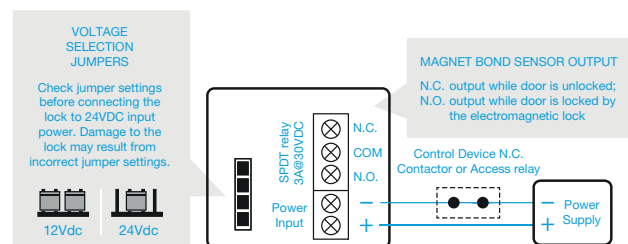
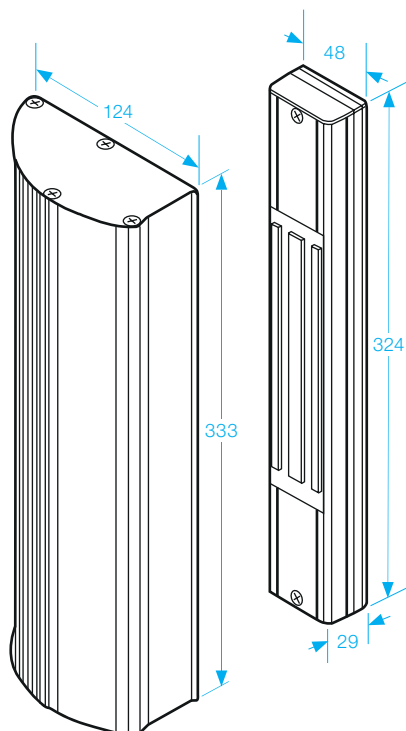
STANDARD

# PH450 UNMONITORED

# PH450M MONITORED

## Door Handle Magnet

- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 600lbs (272Kg)



### SPECIFICATION

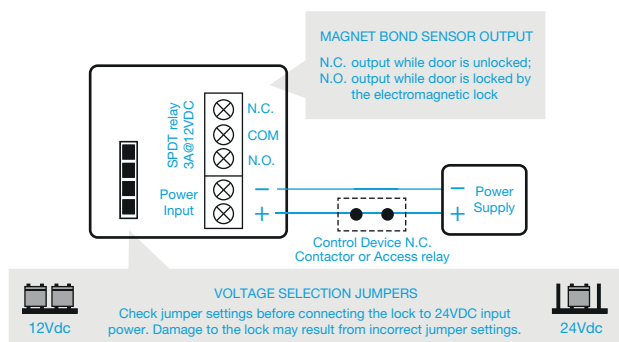
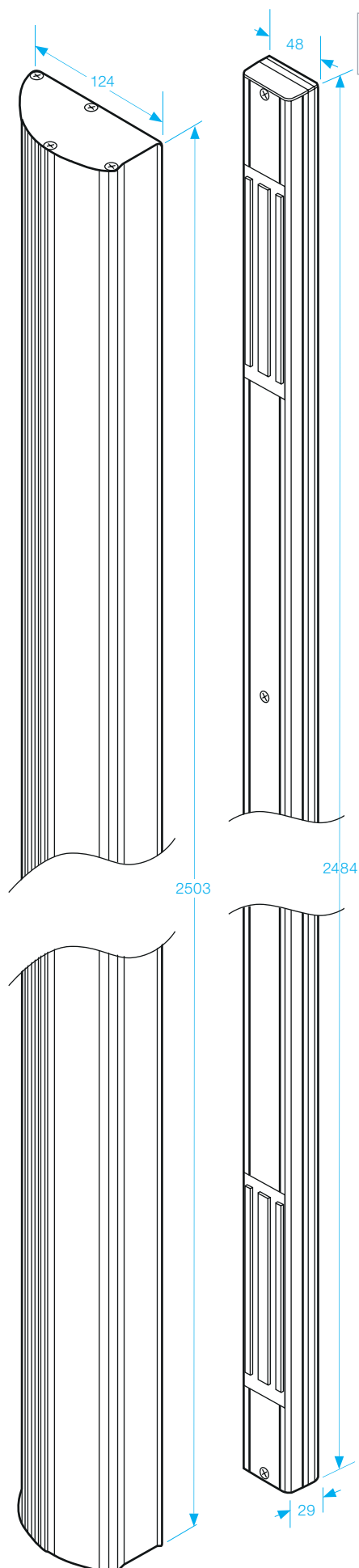
- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 3A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 2.0kg (approx).

# PH900

## Door Handle Magnet

- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force 2 x 600lbs (545Kg)

**GEM®**


### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 2 x 500mA at 12Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 3A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 8.0kg (approx).

**TO ORDER**

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**Fax: 01604 859545**



**Email: [orderline@icssecurity.co.uk](mailto:orderline@icssecurity.co.uk)**



**REQUIRE DELIVERY BEFORE 6PM, THEN WHY NOT UPGRADE TO ONE OF OUR EXPRESS SERVICES.**



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*"Setting the Standard in Access Control"*

# N10001ST UNMONITORED

# N10001STM MONITORED

## Mini Stainless Steel Magnet

- Operating voltage 12Vdc
- Stainless Steel housing
- Holding force up to 600lbs (272Kg)
- Weather resistant: IP65
- Vandal resistant
- Standard fix



WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



STAINLESS  
STEEL



### OPTIONS

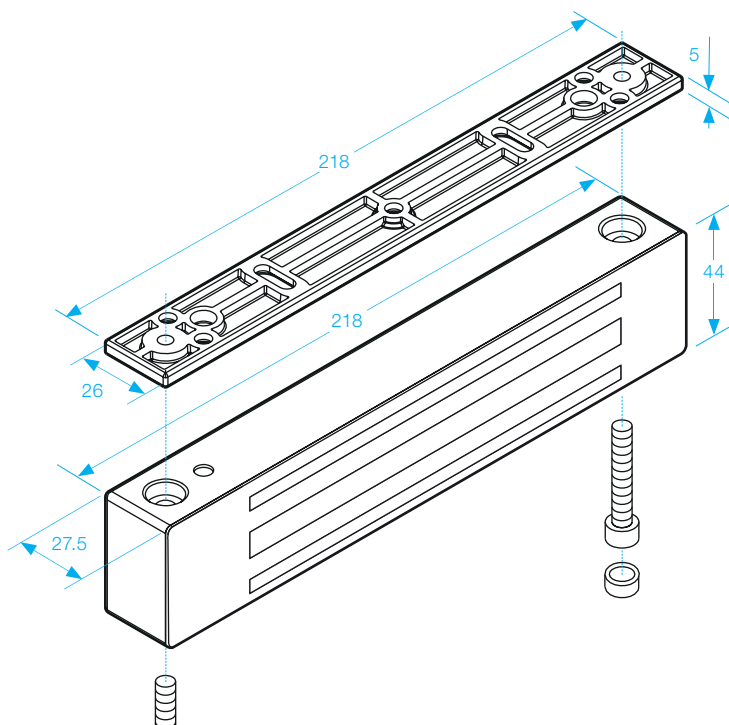
300BP



320M



GDB14



### WATERPROOF PROPERTIES

This series of waterproof magnetic locks are sealed with an epoxy potting compound (E87252 (S), UL94V-0) and is protected by this compound. They are proved to withstand a water resistance as established in test procedures of IP 65.



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 340mA at 12Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 3.5kg (approx).





# 10006S

## Midi Stainless Steel Magnet

- Operating voltage 12Vdc
- Stainless Steel housing
- Holding force up to 800lbs (363Kg)
- Weather resistant: IP65
- Vandal resistant



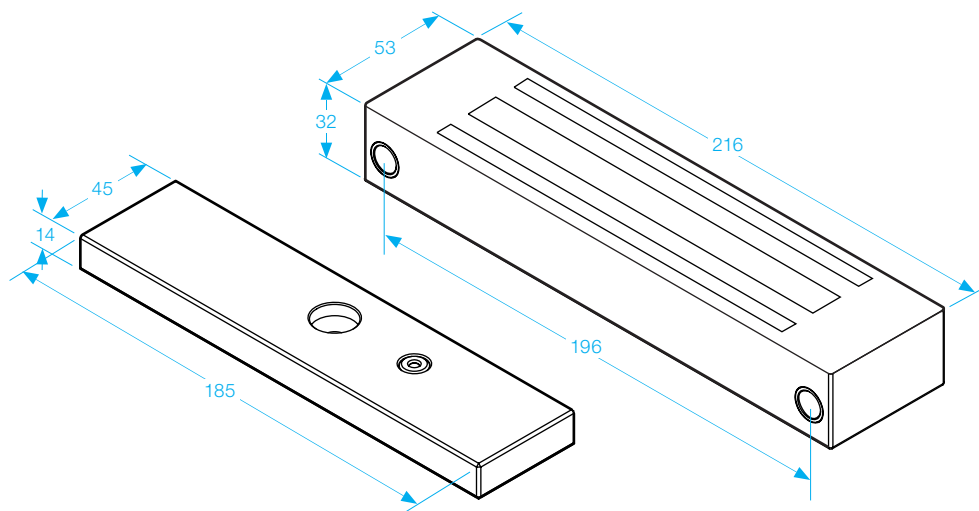
WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



STAINLESS  
STEEL



### WATERPROOF PROPERTIES

This series of waterproof magnetic locks are sealed with an epoxy potting compound (E87252 (S), UL94V-0) and is protected by this compound. They are proved to withstand a water resistance as established in test procedures of IP 65.



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 340mA at 12Vdc, 250mA (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 3.0kg (approx).

# G600M

## Monitored Mini Stainless Steel Magnet



- Operating voltage 12Vdc
- Stainless Steel
- Holding force up to 600lbs (272kg)
- Weather resistant: IP65
- Vandal resistant



WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT

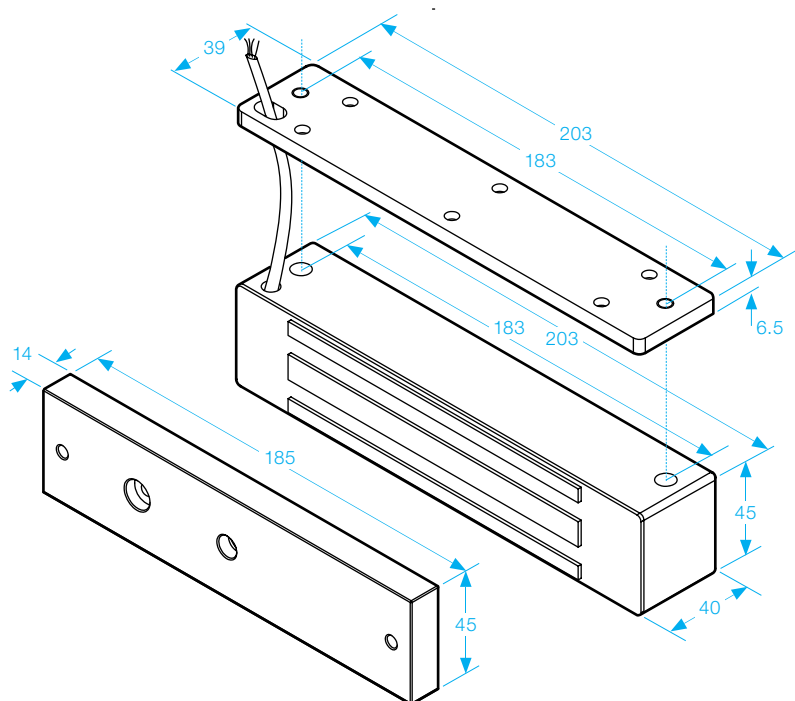


STAINLESS  
STEEL



### OPTIONS

300BP



### WATERPROOF PROPERTIES

This series of waterproof magnetic locks are sealed with an epoxy potting compound (E87252 (S), UL94V-0) and is protected by this compound. They are proved to withstand a water resistance as established in test procedures of IP 65.



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 2.0kg (approx).

# 10750R

## Midi Stainless Steel Magnet



- Operating voltage 12Vdc
- Stainless Steel
- Holding force up to 800lbs (363kg)
- Weather resistant: IP65
- Vandal resistant
- Standard fix



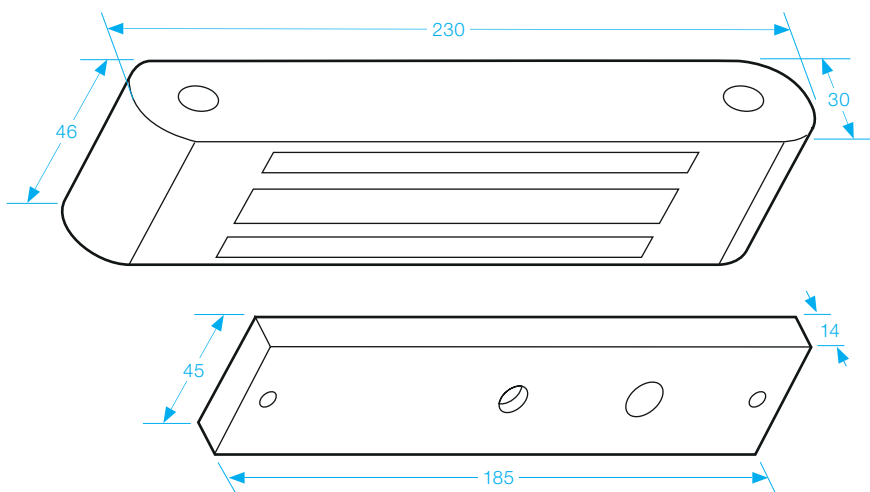
WEATHER  
RESISTANT  
– IP 65 –



VANDAL  
RESISTANT



STAINLESS  
STEEL



### WATERPROOF PROPERTIES

This series of waterproof magnetic locks are sealed with an epoxy potting compound (E87252 (S), UL94V-0) and is protected by this compound. They are proved to withstand a water resistance as established in test procedures of IP 65.



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 340mA at 12Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 3.0kg (approx).

# GL850R

## Midi Stainless Steel External Magnet



- Operating voltage 12Vdc
- Stainless Steel
- Holding force up to 800lbs (363kg)
- Weather resistant: IP65
- Vandal resistant
- Face fix



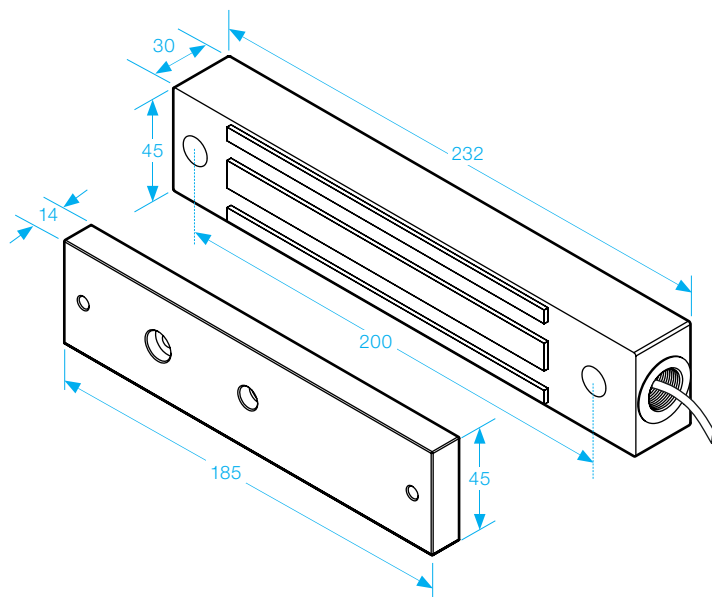
WEATHER  
RESISTANT  
— IP 65 —



VANDAL  
RESISTANT



STAINLESS  
STEEL



### WATERPROOF PROPERTIES

This series of waterproof magnetic locks are sealed with an epoxy potting compound (E87252 (S), UL94V-0) and is protected by this compound. They are proved to withstand a water resistance as established in test procedures of IP 65.



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 340mA at 12Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 2.6kg (approx).

# GL1200NTBR

## Standard Stainless Steel Magnet



- Operating voltage 12~24Vdc
- Stainless Steel
- Holding force up to 1200lbs (545kg)
- Weather resistant: IP67
- Vandal resistant
- Standard or face fix



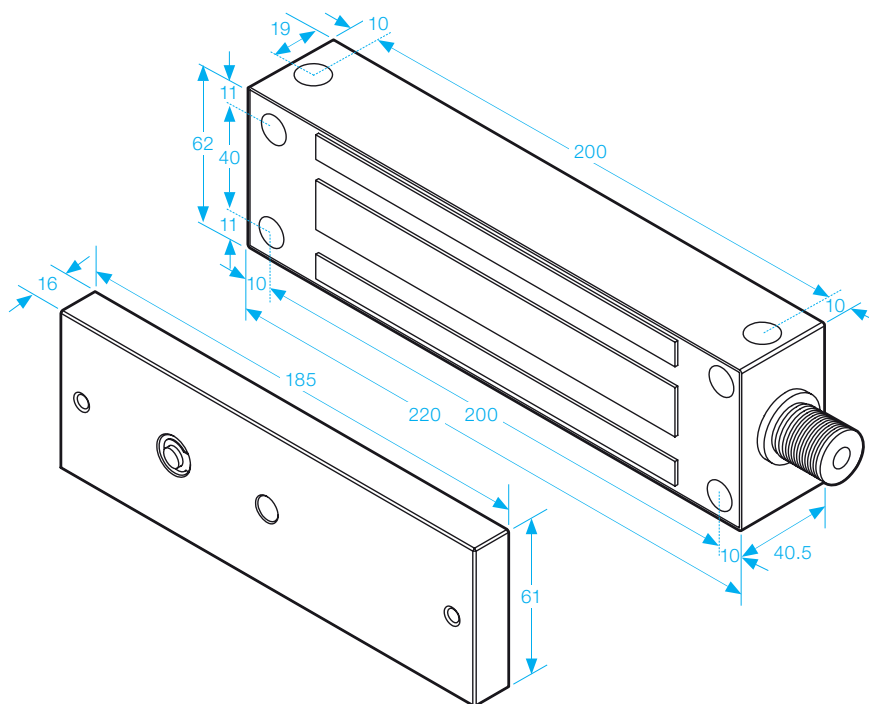
WEATHER  
RESISTANT  
— IP 67 —



VANDAL  
RESISTANT



STAINLESS  
STEEL



### WATERPROOF PROPERTIES

This series of waterproof magnetic locks are sealed with an epoxy potting compound (E87252 (S), UL94V-0) and is protected by this compound. They are proved to withstand a water resistance as established in test procedures of IP 65.



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 460mA at 12Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 5.0kg (approx).

# GL-1800F-10TB

## High Security Stainless Steel Magnet



- Operating voltage 12 or 24Vdc
- Stainless Steel
- Holding force up to 1800lbs (818kg)
- Face mount on sliding doors
- Weather resistant: IP67
- Vandal resistant
- Suitable for prison or high security gate



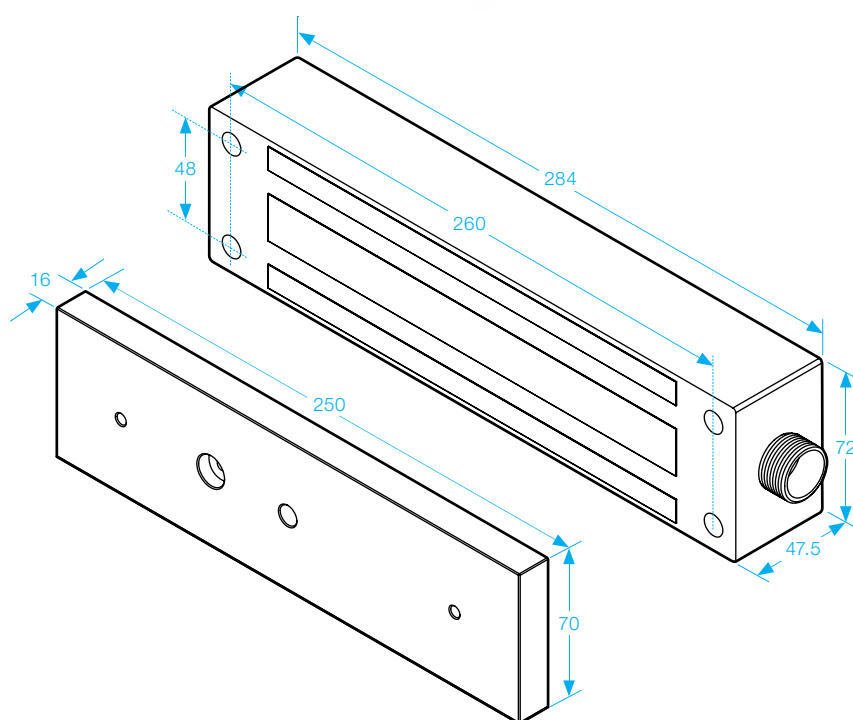
WEATHER  
RESISTANT  
– IP 67 –



VANDAL  
RESISTANT



STAINLESS  
STEEL



### WATERPROOF PROPERTIES

This series of waterproof magnetic locks are sealed with an epoxy potting compound (E87252 (S), UL94V-0) and is protected by this compound. They are proved to withstand a water resistance as established in test procedures of IP 65.



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet.
- Weight: 8.0kg (approx).



# GL-1800S

## Standard Stainless Steel Magnet



- Operating voltage 12 or 24Vdc
- Stainless Steel
- Holding force up to 1800lbs (818kg)
- Weather resistant: IP67
- Vandal resistant
- Surface mount on outswing doors



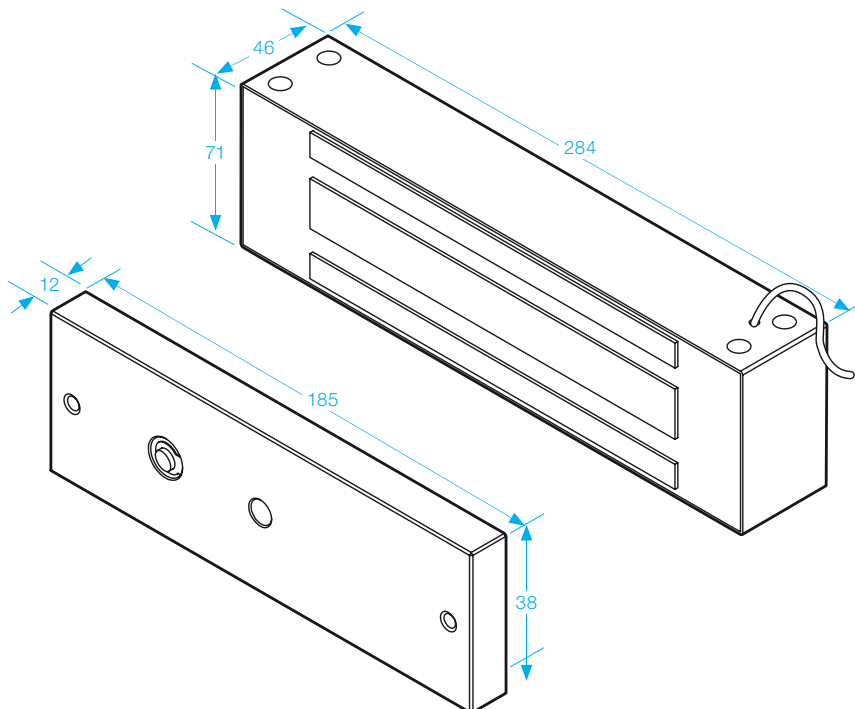
WEATHER  
RESISTANT  
– IP 67 –



VANDAL  
RESISTANT



STAINLESS  
STEEL



### WATERPROOF PROPERTIES

This series of waterproof magnetic locks are sealed with an epoxy potting compound (E87252 (S), UL94V-0) and is protected by this compound. They are proved to withstand a water resistance as established in test procedures of IP 65.

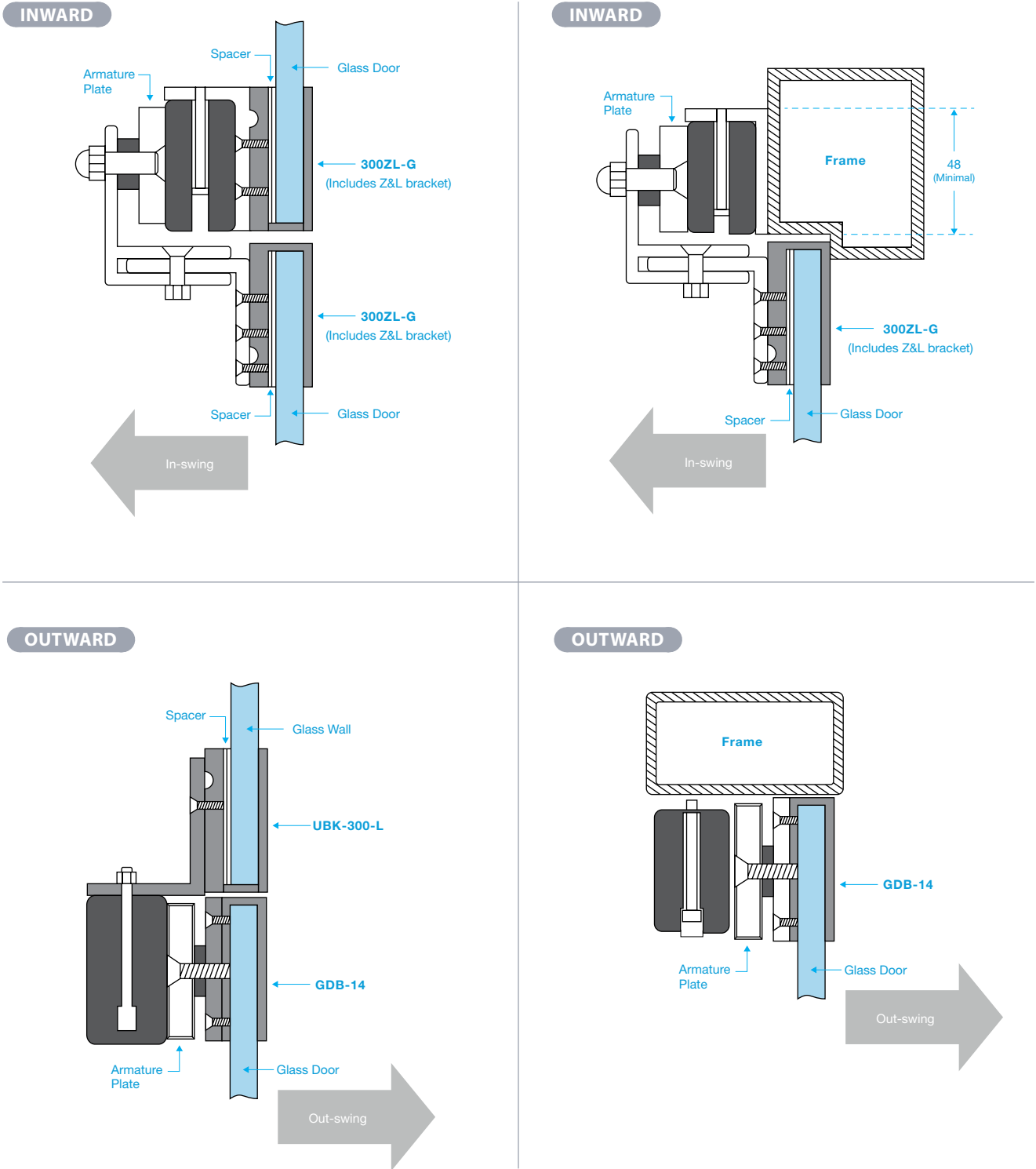


### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature:  $-10 \sim 55^{\circ}\text{C}$  (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Weight: 8.0kg (approx).

# Glass Door

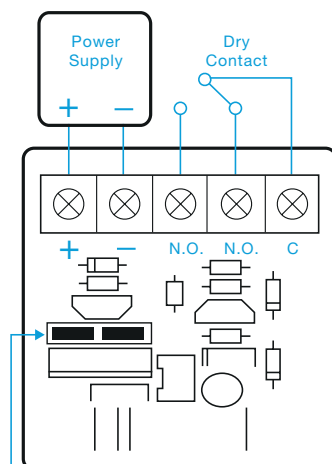
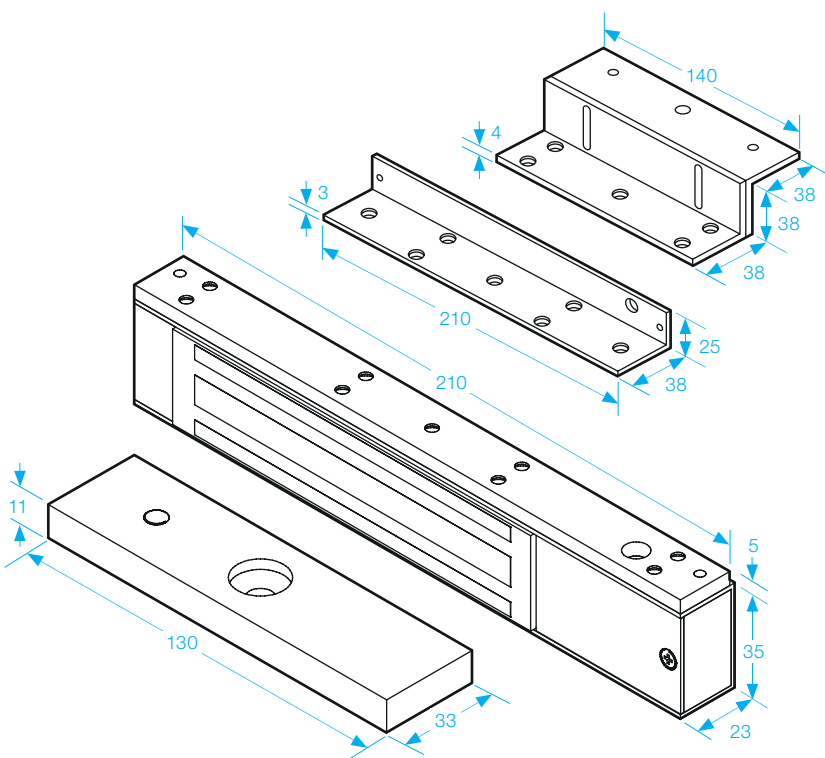
## Installation Solutions



# UL136-SL

## Monitored Micro Magnet

- Operating voltage 12~24Vdc
- Aluminium
- Fail-Safe (*Power to Lock*)
- Holding force up to 300lbs (136Kg)
- Status LED ● Red ● Green



### CAUTION

Before power on the unit, set the power selector jumper correctly.



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 300mA at 12Vdc, 150mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C.Output-Door opened; N.O.Output door closed) (SPDT rated 0.25A at 12Vdc).
- Special Zinc finish for magnet and armature plate.
- Weight: 1.2kg (approx).

# U10003F/S

## Monitored Micro Mortice Magnet

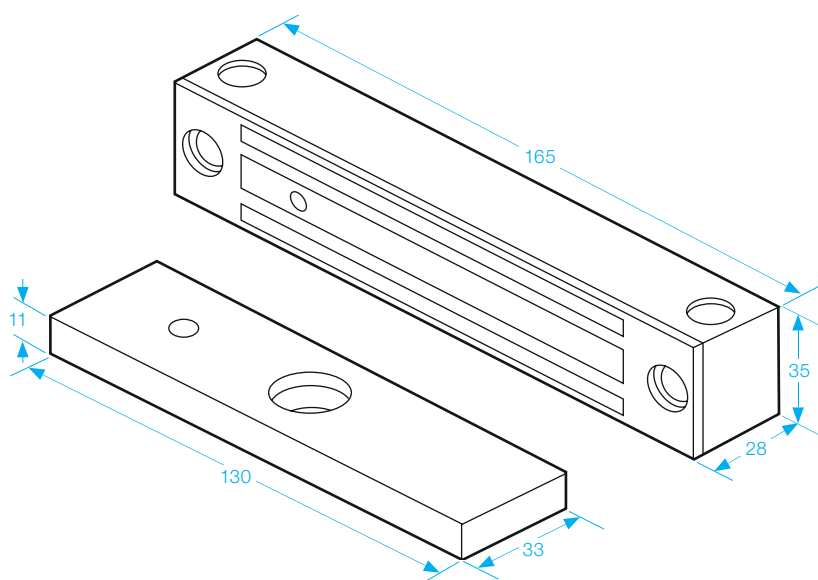
- Operating voltage 12~24Vdc  
(Selectable)
- Stainless Steel housing
- Holding force up to 300lbs (136Kg)
- Weather resistant: IP67
- Sealed electronics



WEATHER  
RESISTANT  
— IP 67 —



STAINLESS  
STEEL



### Reed Sensor Contact



### CAUTION

Before applying power  
set wiring correctly.

### SPECIFICATION

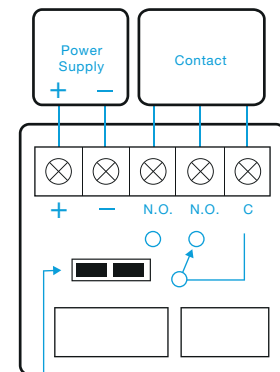
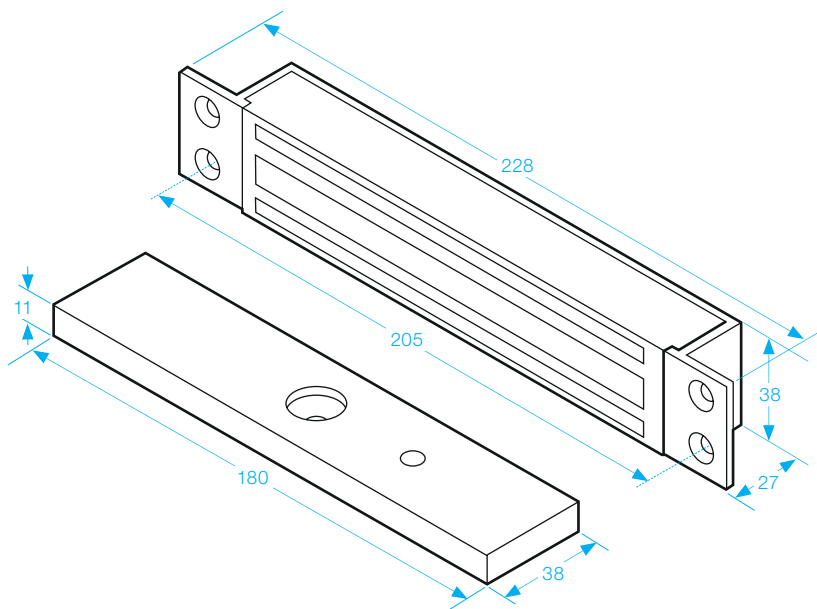
- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 300mA at 12Vdc, 150mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Weight: 1.5kg (approx).

# U10000 UNMONITORED

# U10000R MONITORED

## Mini Mortice Magnet

- Operating voltage 12~24Vdc  
(Selectable)
- Holding force up to 600lbs (272Kg)
- Aluminium housing
- Electroless Nickel Plated Armature
- Mortice mounting



### CAUTION

Before power on the unit,  
set input Voltage Selector  
according to the supply voltage.



CONTACT ONLY ON U10000R

### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc  
(at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$   
(when power is on).
- Magnetic bond sensor monitor output remotely monitors the  
door lock or unlock status. (N.C. Output-Door opened; N.O. Output-  
door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 2.0kg (approx).

# U10001 UNMONITORED

## U10001DSU UNMONITORED WITH DOOR STATUS

### Mini Magnet

- Operating voltage 12~24Vdc (*Selectable*)
- Holding force up to 600lbs (272Kg)
- Aluminium housing
- Electroless Nickel Plated Armature
- Fail-Safe
- Door status: An independent contact that works separately from the magnet to show door status not lock status



#### OPTIONS

300BP

U320M

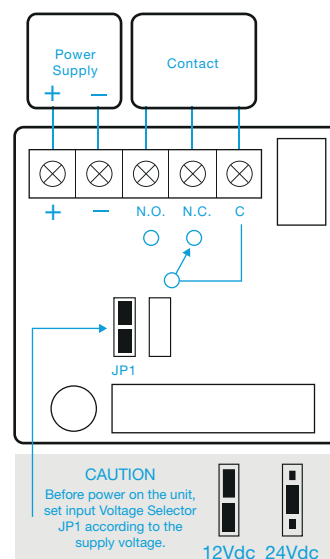
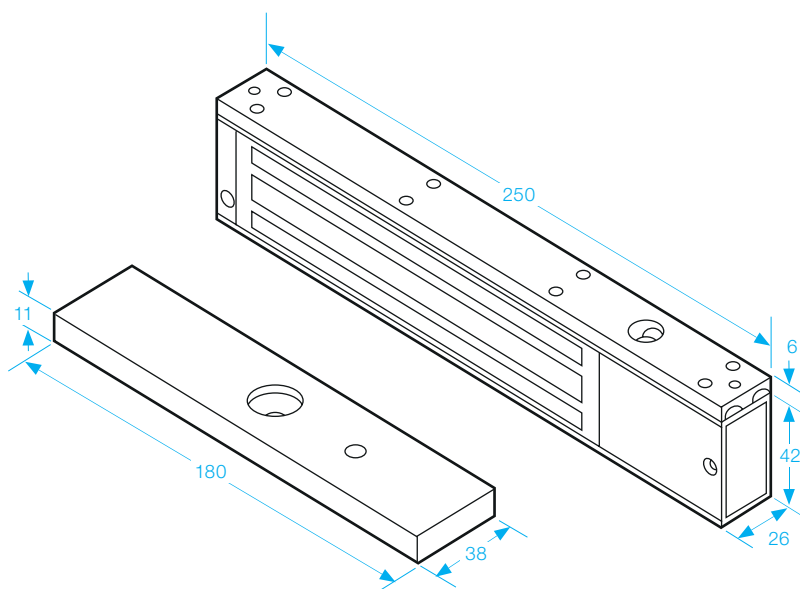
U300ZL

300ZLDC

U300AL

UGDB14

LD-MM-SC



#### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 2.0kg (approx).



# U10002 MONITORED

## U10002DSU MONITORED WITH DOOR STATUS

### Mini Magnet

- Operating voltage 12~24Vdc (*Selectable*)
- Holding force up to 600lbs (272Kg)
- Aluminium housing
- Electroless Nickel Plated Armature
- Fail-Safe
- Door status: An independent contact that works separately from the magnet to show door status not lock status
- Status LED ● Red ● Green



#### OPTIONS

300BP



U320M



U300ZL



300ZLDC



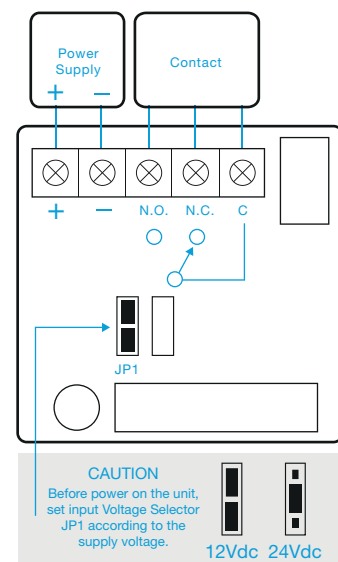
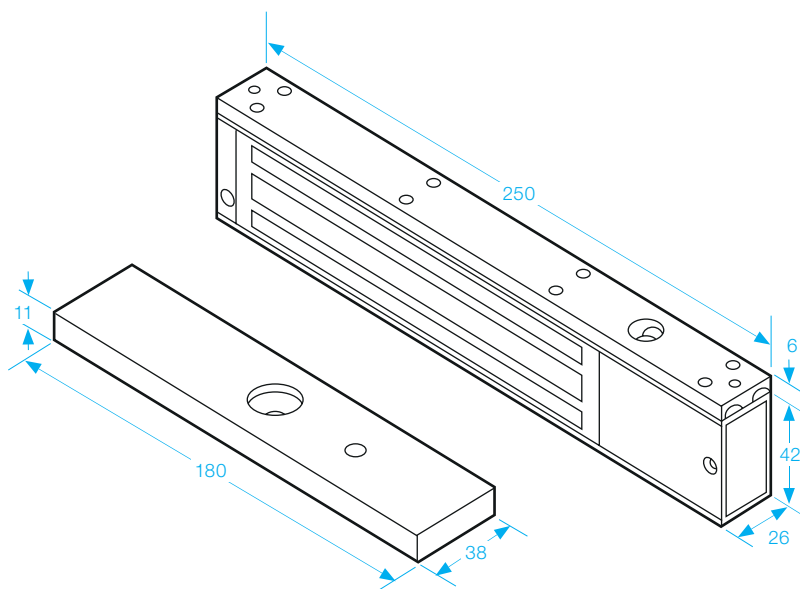
U300AL



UGDB14



LD-MM-SC



#### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 2.0kg (approx).

# U10004 UNMONITORED

## U10004DSU UNMONITORED WITH DOOR STATUS

### Double Mini Magnet

- Operating voltage 12~24Vdc (*Selectable*)
- Holding force up to 2 x 600lbs (272Kg)
- Aluminium housing
- Electroless Nickel Plated Armature
- Fail-Safe
- Door status: An independent contact that works separately from the magnet to show door status not lock status



#### OPTIONS

300BP

U320M

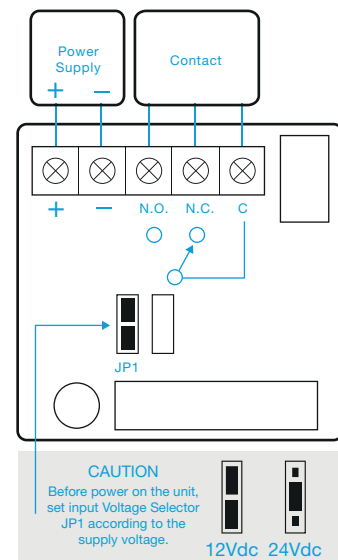
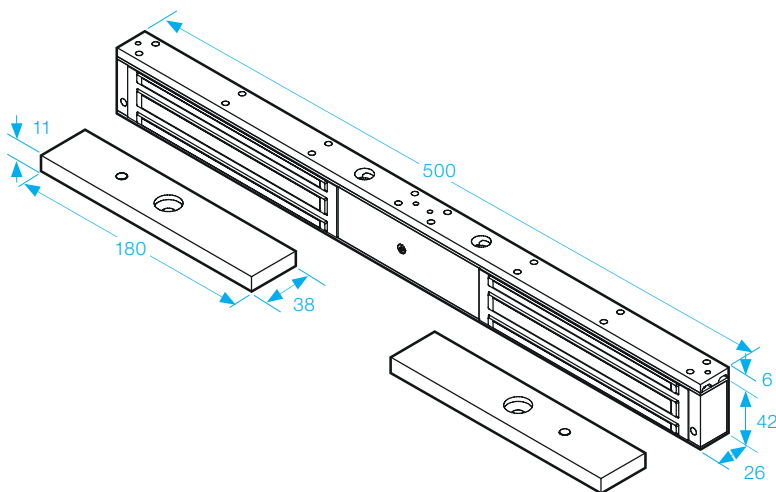
U300ZL

300ZLDC

U300AL

UGDB14

LD-MM-SC



#### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 3.7kg (approx).

# U10005 MONITORED

## U10005DSU MONITORED WITH DOOR STATUS

### Double Mini Magnet

- Operating voltage 12~24Vdc (*Selectable*)
- Holding force up to 2 x 600lbs (272Kg)
- Aluminium housing
- Electroless Nickel Plated Armature
- Door status: An independent contact that works separately from the magnet to show door status not lock status
- Status LED ● Red ● Green



#### OPTIONS

300BP

U320M

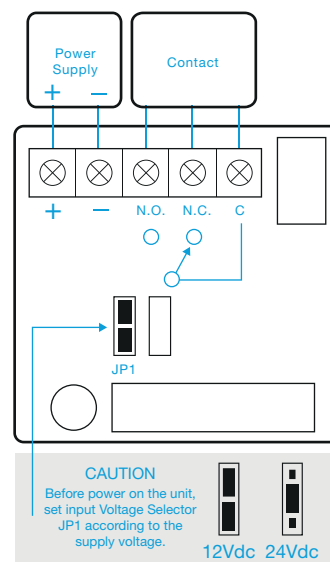
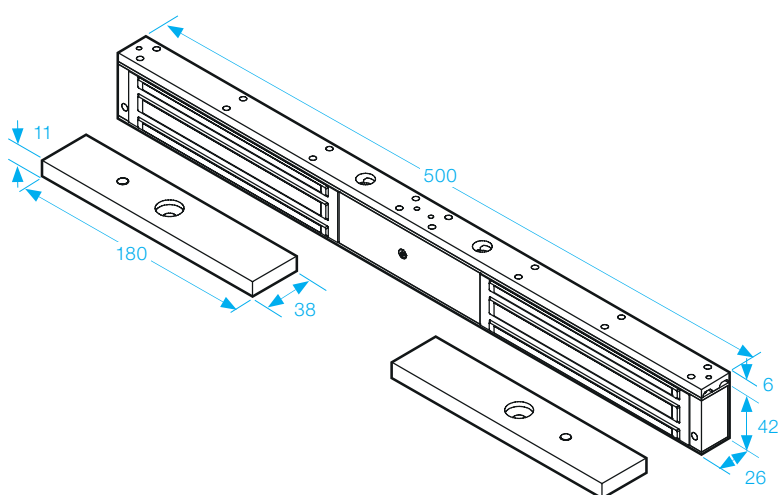
U300ZL

300ZLDC

U300AL

UGDB14

LD-MM-SC



#### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 480mA at 12Vdc, 240mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Weight: 3.7kg (approx).

# Mini Brackets

## Accessories and Armatures

A comprehensive range of adjustable brackets and armatures housings to compliment our mini magnetic range of products.

Finished in Anodised Aluminium. Special finishes available.



### U300AL

Adjustable L Bracket.



### 300ZLDC

Architectural Z&L Bracket with Cover.



### U320M

Armature Housing.



### U300ZL

Z&L Kit.



### UGDB14

Glass Door Saddle up to 14mm.



### UBK300-L

L Bracket for glass door.



### U300ZL-G

Z&L Bracket with cover for glass door.



### 01EXTP

Extended Top Plate.



### U01ARM

Replacement Armature.



### U300CL

Architectural L Bracket.



### 300BP

Armature mounting plate.



### U01F-KIT

Replacement fixing kit.



### MAG-55

Safety Strap.



### LD-MM-SC

Safety End Caps.

# U10006S

## Midi Magnet

- Operating voltage 12~24Vdc  
(*Selectable*)
- Stainless Steel housing
- Holding force up to 800lbs (363Kg)
- Sealed electronics
- Weather resistant: IP67
- Monitored



WEATHER  
RESISTANT  
– IP 67 –



STAINLESS  
STEEL

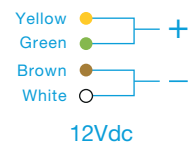
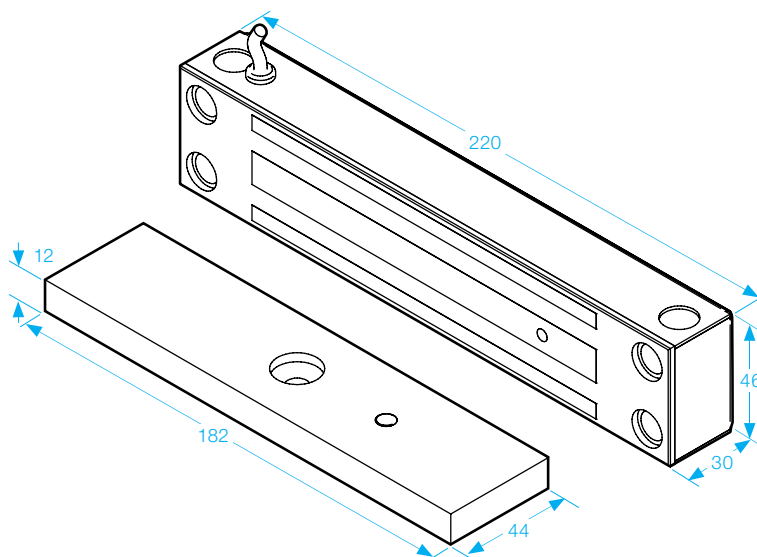


### OPTIONS

300BP



UGDB14



### Reed Sensor Contact



**CAUTION**  
Before applying power  
set wiring correctly.

### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 460mA at 12Vdc, 230mA at 24Vdc  
(at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$   
(when power is on).
- Magnetic bond sensor monitor output remotely monitors the  
door lock or unlock status. (N.C. Output-Door opened; N.O. Output-  
door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Weight: 2.9kg (approx).

## U10010 UNMONITORED

## U10010DSU UNMONITORED WITH DOOR STATUS

### Standard Magnet

- Operating voltage 12~24Vdc (*Selectable*)
- Holding force up to 1200lbs (544Kg)
- Aluminium housing
- Electroless nickel plated armature
- Door status: An independent contact that works separately from the magnet to show door status not lock status



#### OPTIONS

500BP

U520S

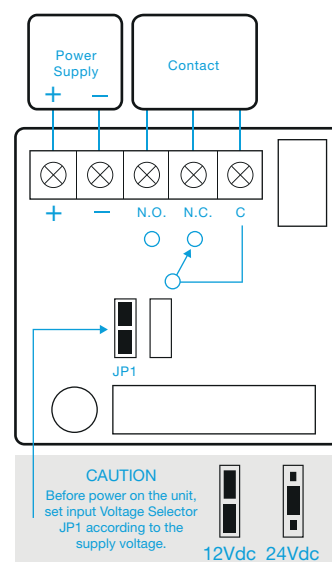
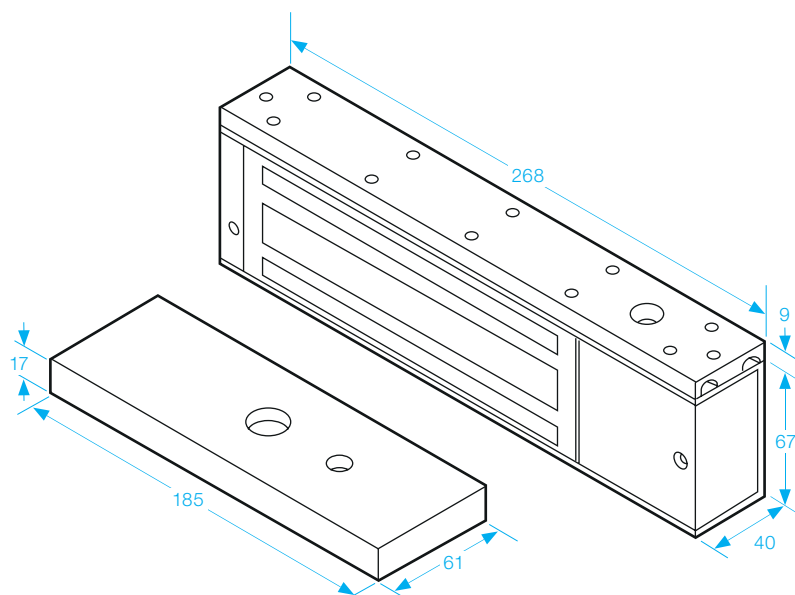
U500ZL

500ZLDC

U500AL

UGDB14

LD-SM-SC



#### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 4.71kg (approx).



# U10020 MONITORED

## U10020DSU MONITORED WITH DOOR STATUS

### Standard Magnet

- Operating voltage 12~24Vdc (*Selectable*)
- Holding force up to 1200lbs (*544Kg*)
- Aluminium housing
- Electroless nickel plated armature
- Door status: An independent contact that works separately from the magnet to show door status not lock status
- Status LED ● Red ● Green



#### OPTIONS

500BP

U520S

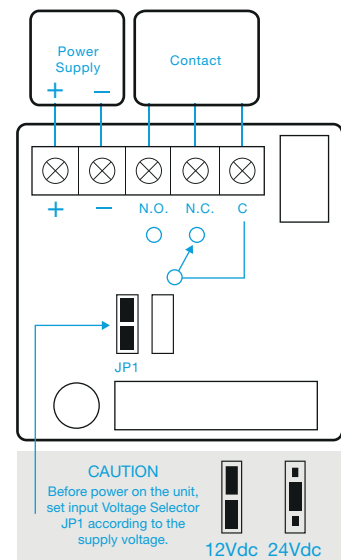
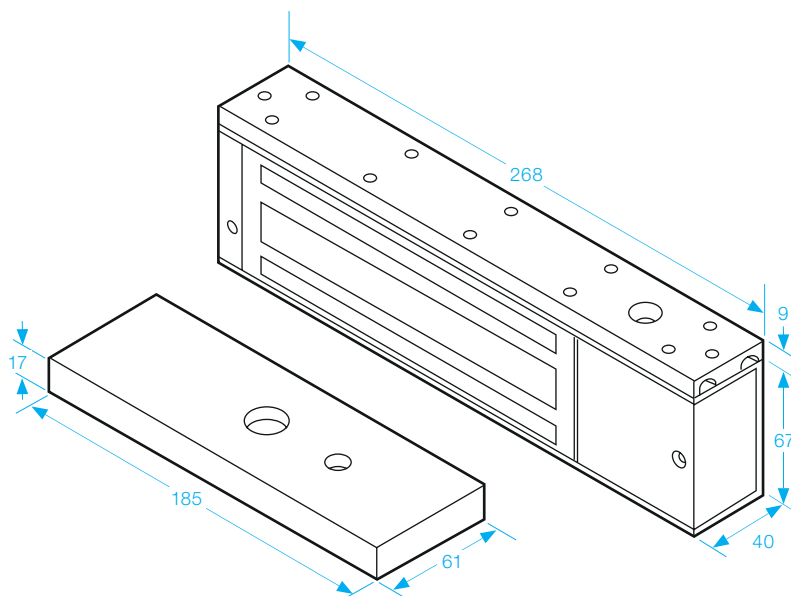
U500ZL

500ZLDC

U500AL

UGDB14

LD-SM-SC



#### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 4.71kg (approx).

**U10040** MONITORED**U10040DS** MONITORED  
WITH DOOR STATUS**Double Standard Magnet**

- Operating voltage 12~24Vdc (*Selectable*)
- Holding force up to 2 X 1200lbs (*544Kg*)
- Aluminium housing
- Electroless nickel plated armature
- Door status: An independent contact that works separately from the magnet to show door status not lock status
- Status LED ● Red ● Green



## OPTIONS

500BP

U520S

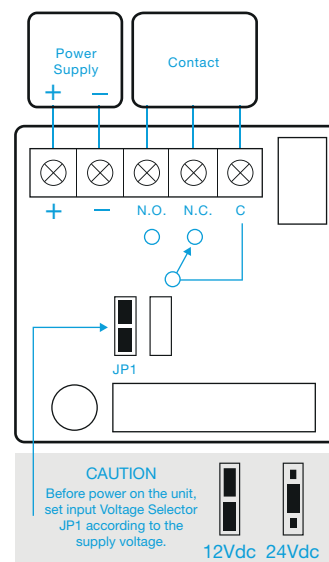
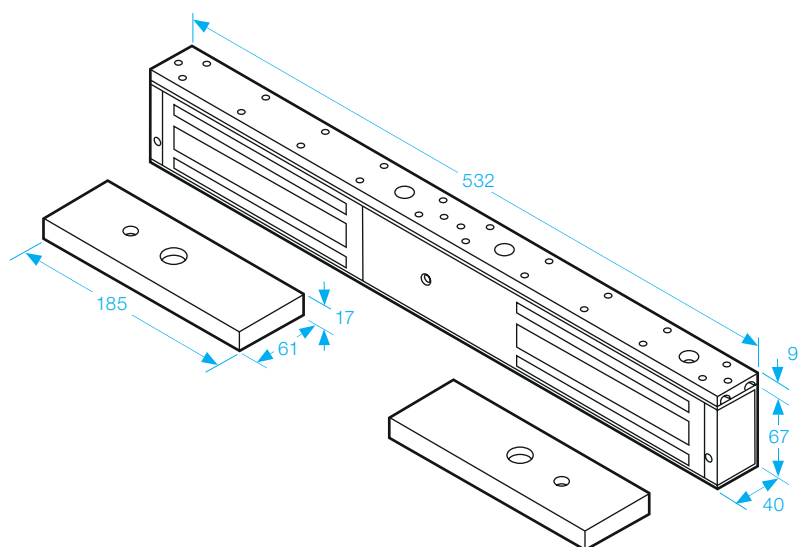
U500ZL

500ZLDC

U500AL

UGDB14

LD-SM-SC



## SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 9.3kg (approx).

# U10060 UNMONITORED

## U10060DS UNMONITORED WITH DOOR STATUS

### Double Standard Magnet

- Operating voltage 12~24Vdc (*Selectable*)
- Holding force up to 2 x 1200lbs (*544Kg*)
- Aluminium housing
- Electroless nickel plated armature
- Door status: An independent contact that works separately from the magnet to show door status not lock status



#### OPTIONS

500BP

U520S

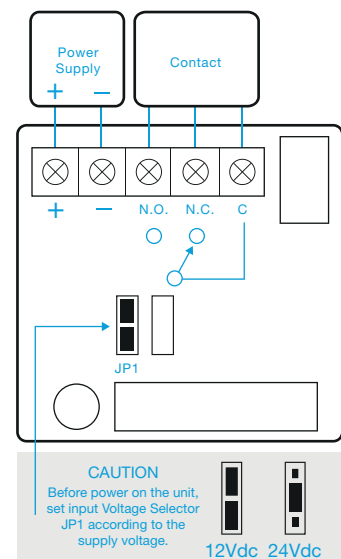
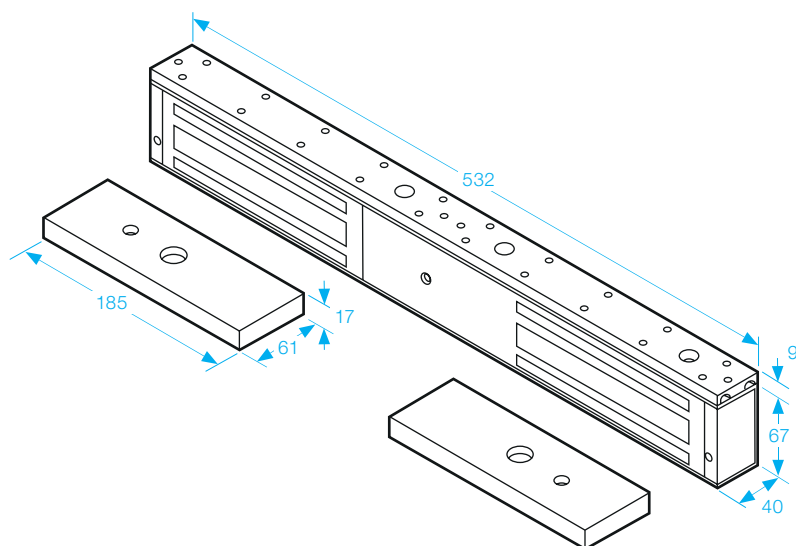
U500ZL

500ZLDC

U500AL

UGDB14

LD-SM-SC



#### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Aluminium housing, nickel plated armature.
- Weight: 9.3kg (approx).

# Standard Brackets

## Accessories and Armatures

A comprehensive range of adjustable brackets and armatures housings to compliment our magnetic range of products.

Finished in Anodised Aluminium. Special finishes available.



### U500AL

Adjustable L Bracket for Standard Magnets.



### 500ZLDC

Architectural Z&L for Standard Magnets.



### U520S

Large Armature Housing.



### U500ZL

Z&L Kit for Standard Magnet.



### 500BP

Armature Mounting Plate for Standard Magnet.



### U10ARM

Replacement Armature for Standard Magnet.



### 850ZL

Z&L for use on external midi magnets.



### U10F-KIT

Replacement fixing kit for Standard Magnet.



### MAG-55

Safety Strap.



### LD-SM-SC

Safety End Caps for Standard Magnet.

# Safety Straps for Magnetic Locks

## Bringing extra safety to electric locking

Safety straps available from ICS for the Mini and Standard Magnets and the Mini and Standard Armatures, bringing an extra level of safety to our magnetic and Armature products.



### MAG-55

Safety Strap.

PLEASE CALL

**01604 879300**

**FOR PRICING**

### VARIATIONS

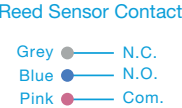
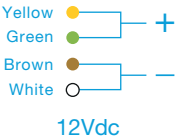
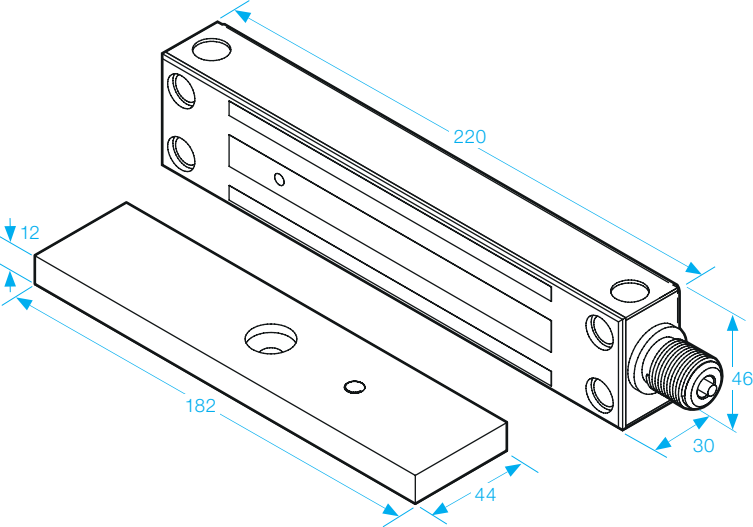
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|------------|---|
| U10001-SS  | Mini Unmonitored with Armature Straps                         |
| U10001-SS1 | Mini Unmonitored with Magnetic Straps                         |
| U10001-SS2 | Mini Unmonitored with Magnetic and Armature Straps            |
| U10002-SS  | Mini Monitored with Armature Straps                           |
| U10002-SS1 | Mini Monitored with Magnetic Straps                           |
| U10002-SS2 | Mini Monitored with Magnet and Armature Straps                |
| U10004-SS  | Double Mini Unmonitored with Armature Straps                  |
| U10004-SS1 | Double Mini Unmonitored with Magnetic Straps                  |
| U10004-SS2 | Double Mini Unmonitored with Magnetic and Armature Straps     |
| U10005-SS  | Double Monitored with Armature Straps                         |
| U10005-SS1 | Double Monitored with Magnetic Straps                         |
| U10005-SS2 | Double Monitored with Magnet and Armature Straps              |
| U10010-SS  | Standard Unmonitored with Armature Straps                     |
| U10010-SS1 | Standard Unmonitored with Magnet Straps                       |
| U10010-SS2 | Standard Unmonitored with Magnet and Armature Straps          |
| U10020-SS  | Standard Monitored with Armature Straps                       |
| U10020-SS1 | Standard Monitored with Magnetic Straps                       |
| U10020-SS2 | Standard Monitored with Magnetic and Armature Straps          |
| U10040-SS  | Double Standard Unmonitored with Armature Straps              |
| U10040-SS1 | Double Standard Unmonitored with Magnetic Straps              |
| U10040-SS2 | Double Standard Unmonitored with Magnetic and Armature Straps |
| U10060-SS  | Double Standard Monitored with Armature Straps                |
| U10060-SS1 | Double Standard Monitored with Magnetic Straps                |
| U10060-SS2 | Double Standard Monitored with Magnetic and Armature Straps   |



# UGL850R

## External Magnet

- Operating voltage 12~24Vdc  
*(Selectable)*
- Stainless Steel housing
- Holding force up to 800lbs (363Kg)
- Weather resistant: IP67
- Sealed electronics



**CAUTION**  
Before applying power  
set wiring correctly.

SPECIFICATION

- Voltage tolerance: ±10%.
  - Current draw: 460mA at 12Vdc, 230mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
  - Lock's surface temperature: Current temperature ±20% (when power is on).
- Humidity: 0~95% non-condensing.
  - Weight: 2.9kg (approx).



# UGL1200NTBR

## External Magnet

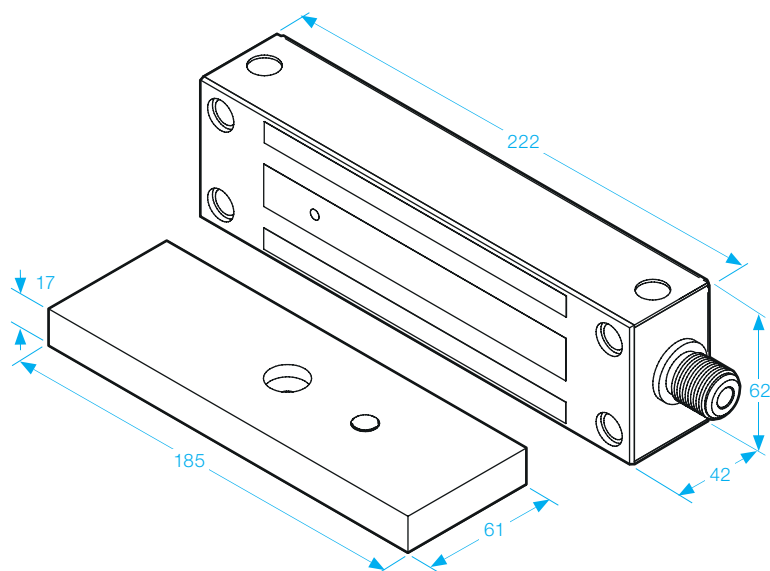
- Operating voltage 12~24Vdc  
(*Selectable*)
- Stainless Steel housing
- Holding force up to 1200lbs (545Kg)
- Weather resistant: IP67
- Sealed electronics



WEATHER  
RESISTANT  
— IP 67 —



STAINLESS  
STEEL



### Reed Sensor Contact



### CAUTION

Before applying power  
set wiring correctly.

### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 420mA at 12Vdc, 210mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~55°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Weight: 3.7kg (approx).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 0.25A at 12Vdc).

# EB180

## Electric Dropbolt

- Operating voltage 12~24Vdc
- Stainless Steel
- Fail-Safe (*Power to Lock*)
- Vandal resistant
- Built-in logical circuitry
- Auto-relocking timer delay:  
0, 3, 6 or 9 seconds

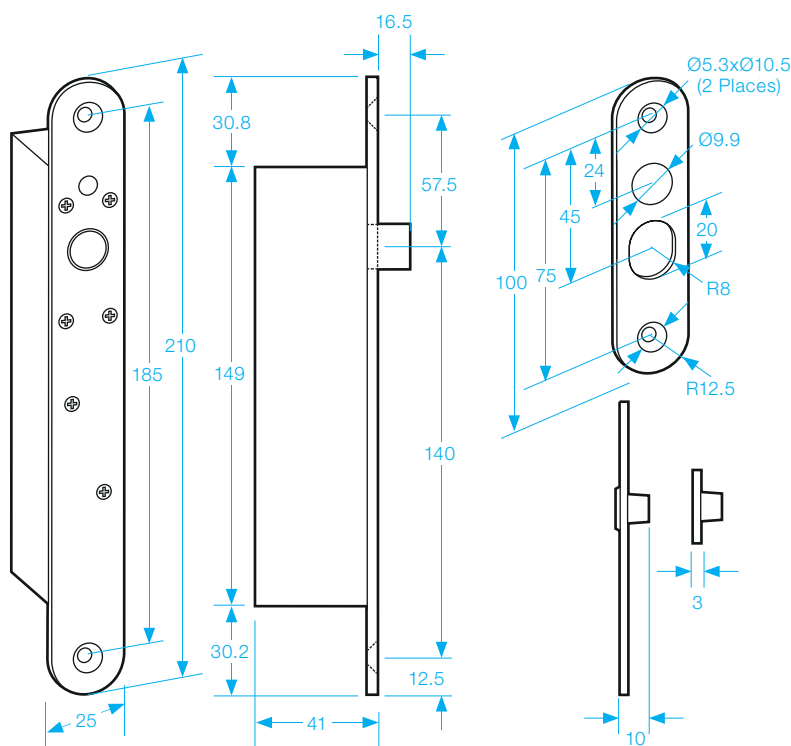


VANDAL  
RESISTANT



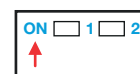
STAINLESS  
STEEL

**GEM**

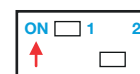


### AUTO RELOCKING TIMER SETTINGS

Use jumpers to adjust the time between 0 to 9 seconds for door locking time delay. This is the time, which takes the dropbolt to automatically lock after the door is closed.



0 Seconds



3 Seconds



6 Seconds



9 Seconds

### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: Pull in 0.9A, Holding 0.3A at 12Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bolt status output indicates bolt locked or unlocked status (SPDT rated 3A at 30Vdc).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Face plate material: Stainless Steel.
- Tested to 500,000 cycles.
- Weight: 0.6kg (approx).

# EB195

## Electric Dropbolt

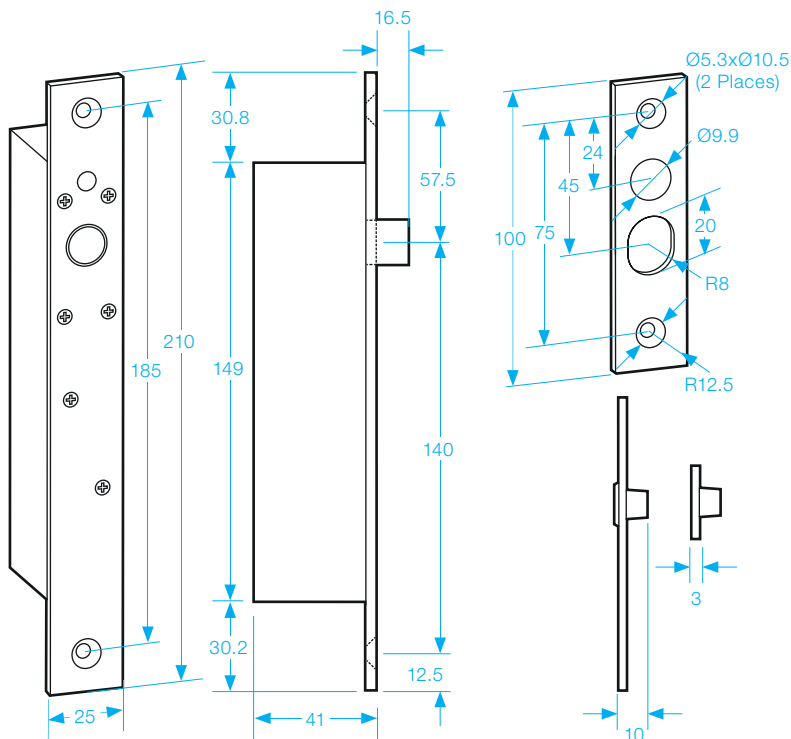
- Operating voltage 12~24Vdc
- Stainless Steel
- Fail-Safe (*Power to Lock*)
- Vandal resistant
- Built-in logical circuitry
- Auto-relocking timer delay:  
0, 3, 6 or 9 seconds



VANDAL  
RESISTANT

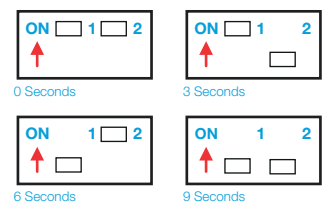


STAINLESS  
STEEL



### AUTO RELOCKING TIMER SETTINGS

Use jumpers to adjust the time between 0 to 9 seconds for door locking time delay. This is the time, which takes the dropbolt to automatically lock after the door is closed.



### SPECIFICATION

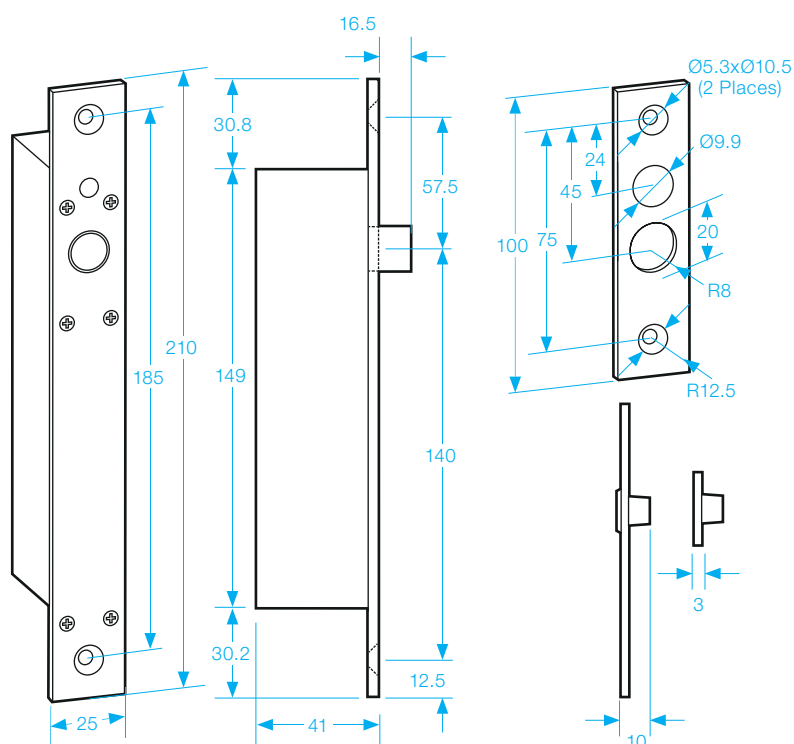
- Voltage tolerance:  $\pm 10\%$ .
- Current draw: Pull in 0.9A, Holding 0.3A at 12Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bolt status output indicates bolt locked or unlocked status (SPDT rated 3A at 30Vdc).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Face plate material: Stainless Steel
- Tested to 500,000 cycles.
- Weight: 0.6kg (approx).



# 10423

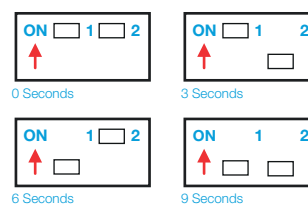
## Solenoid Electric Bolt

- Operating voltage 12Vdc
- Fail-Safe
- Auto-relocking timer delay: 0, 3, 6 or 9 seconds



### AUTO RELOCKING TIMER SETTINGS

Use jumpers to adjust the time between 0 to 9 seconds for door locking time delay. This is the time, which takes the dropbolt to automatically lock after the door is closed.



### SPECIFICATION

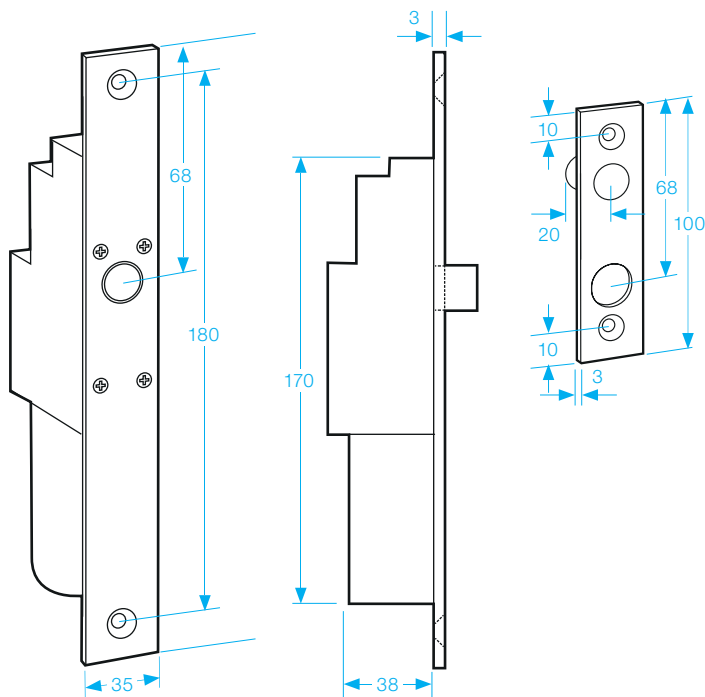
- Voltage tolerance:  $\pm 10\%$ .
- Current draw: Pull in 1A, Holding 0.4A at 12Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bolt status output indicates bolt locked or unlocked status (SPDT rated 3A at 30Vdc).
- Humidity: 0~95% non-condensing.
- Tested to 500,000 cycles.
- Horizontal or vertical installation.
- Weight: 1.2kg (approx).



# 10412

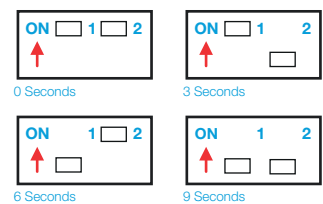
## Solenoid Electric Bolt

- Operating voltage 12Vdc
- Power to lock
- Auto-relocking timer delay:  
0, 3, 6 or 9 seconds
- Holding force: 1000Kg



### AUTO RELOCKING TIMER SETTINGS

Use jumpers to adjust the time between 0 to 9 seconds for door locking time delay. This is the time, which takes the dropbolt to automatically lock after the door is closed.



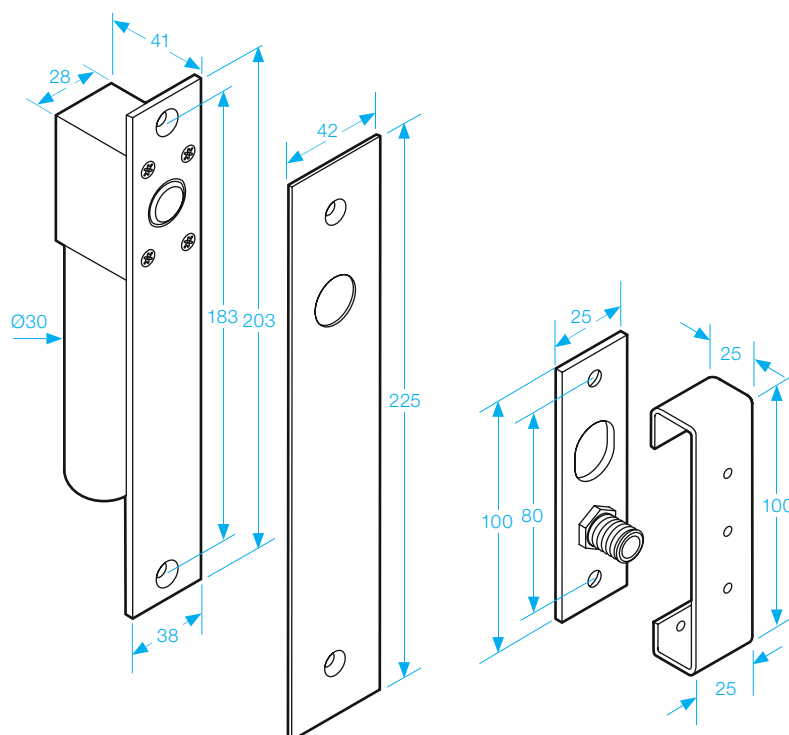
### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: Pull in 1A, Holding 0.4A at 12Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bolt status output indicates bolt locked or unlocked status (SPDT rated 3A at 30Vdc).
- Humidity: 0~95% non-condensing.
- Tested to 500,000 cycles.
- Horizontal or vertical installation.
- Weight: 0.9kg (approx).

# EB200-NLW38

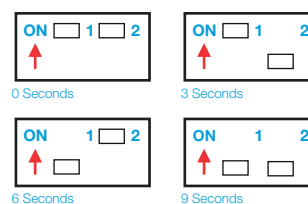
## Electric Dropbolt

- Operating voltage 12Vdc
- Fail-Safe (*Power to Lock*)
- Additional door monitoring
- Auto-relocking timer delay:  
0, 3, 6 or 9 seconds
- Tested to 500,000 cycles

**GEM**®


### AUTO RELOCKING TIMER SETTINGS

Use jumpers to adjust the time between 0 to 9 seconds for door locking time delay. This is the time, which takes the dropbolt to automatically lock after the door is closed.



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: Pull in 0.9A, Holding 0.3A at 12Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Door position status output indicates door opened or closed status (Reed rated 0.25A at 30Vdc).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Weight: 1.2kg (approx).



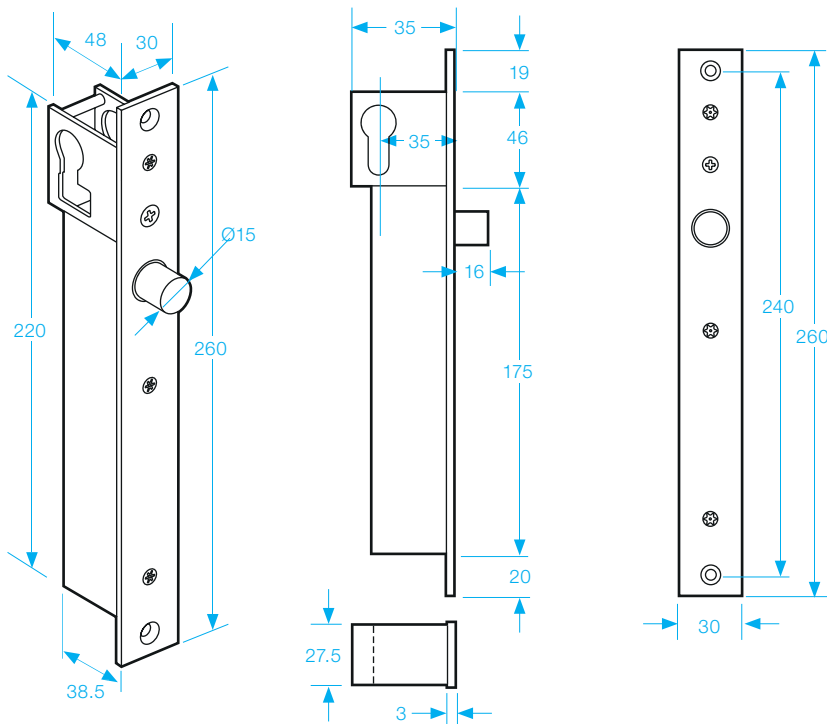
# EB260-N

## Electric Deadbolt

- Operating voltage 12Vdc
- Stainless Steel
- Fail-Secure (*Power to Unlock*)
- Euro profile key over-ride
- Auto-relocking timer delay:  
0, 3, 6 or 9 seconds
- Tested to 500,000 cycles

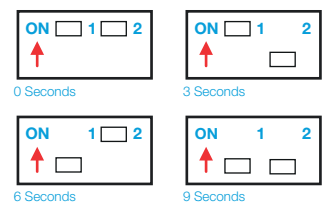


STAINLESS  
STEEL



### AUTO RELOCKING TIMER SETTINGS

Use jumpers to adjust the time between 0 to 9 seconds for door locking time delay. This is the time, which takes the dropbolt to automatically lock after the door is closed.



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: Pull in 0.9A, Holding 0.3A at 12Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bolt status output indicates bolt locked or unlocked status (SPDT rated 3A at 30Vdc).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Face plate material: Stainless Steel.
- Weight: 1.2kg (approx).

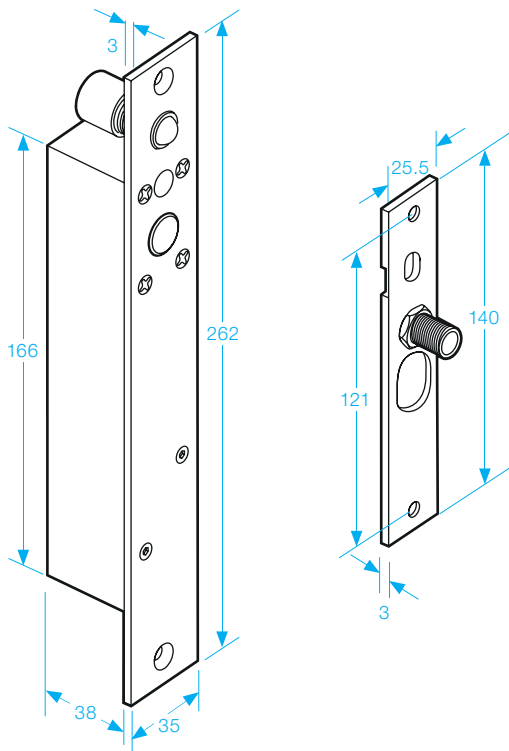
# EB262

## Electric Dropbolt

- Operating voltage 12Vdc
- Stainless Steel
- Fail-Safe (*Power to Lock*)
- Auto-relocking timer delay:  
0, 3, 6 or 9 seconds



STAINLESS  
STEEL



### AUTO RELOCKING TIMER SETTINGS

Use jumpers to adjust the time between 0 to 9 seconds for door locking time delay. This is the time, which takes the dropbolt to automatically lock after the door is closed.

|   |   |
|---|---|
| <div>ON <input type="checkbox"/> 1 <input type="checkbox"/> 2</div> <div>↑</div> <div>0 Seconds</div> | <div>ON <input type="checkbox"/> 1 <input type="checkbox"/> 2</div> <div>↑</div> <div>3 Seconds</div> |
| <div>ON <input type="checkbox"/> 1 <input type="checkbox"/> 2</div> <div>↑</div> <div>6 Seconds</div> | <div>ON <input type="checkbox"/> 1 <input type="checkbox"/> 2</div> <div>↑</div> <div>9 Seconds</div> |

### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: Pull in 0.9A, Holding 0.3A at 12Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Tested to 500,000 cycles.
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Face plate material: Stainless Steel.
- Weight: 1.2kg (approx).

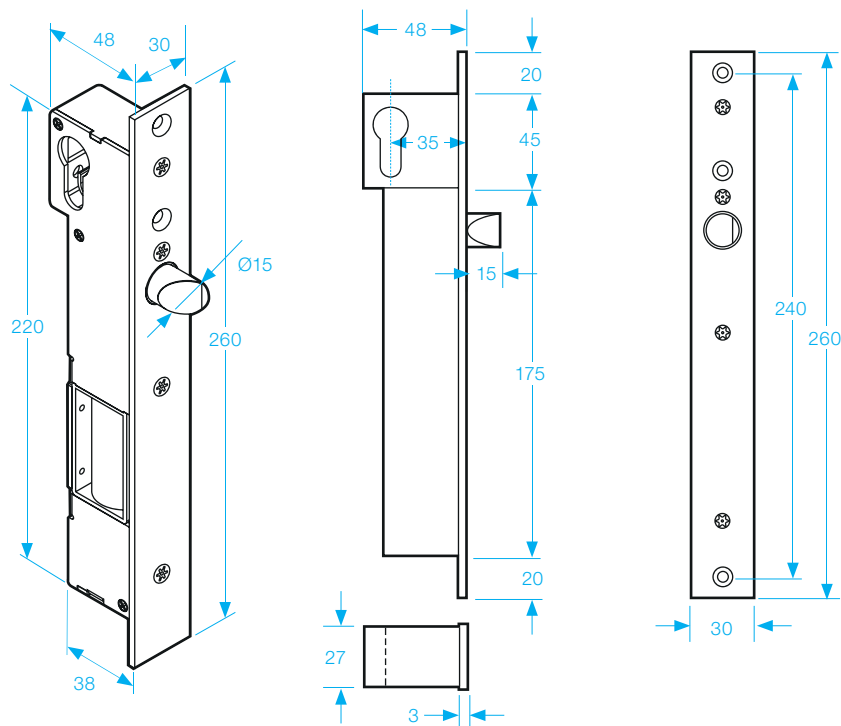
# EB261

## Electric Dropbolt

- Operating voltage 12~24Vdc  
(Self-regulating)
- Stainless Steel
- Reversible bevel latch-bolt  
(Resolves positional problems)
- Fail-Secure (Power to Unlock)
- Auto-relocking timer delay:  
0, 3, 6 or 9 seconds
- Euro profile key override



STAINLESS  
STEEL



### SPECIFICATION

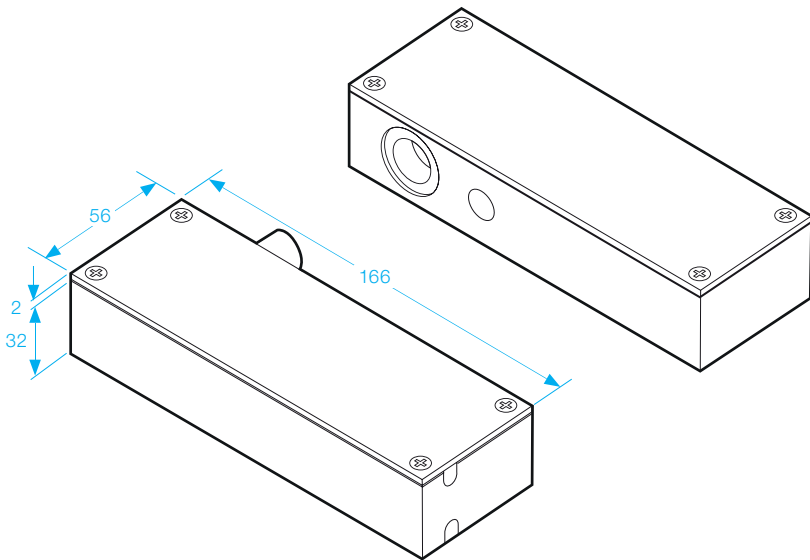
- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 1A at 12Vdc  
(at temperature 20°C).
- Operating temperature: -10~45°C  
(14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Tested to 500,000 cycles.
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Face plate material: Stainless Steel.
- Weight: 894g (approx).

# EB300



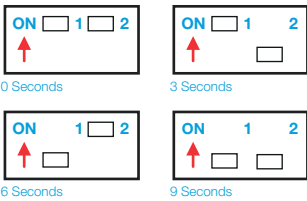
## Electric Dropbolt

- Operating voltage 12Vdc
- Fail-Safe (*Power to Lock*)
- Auto-relocking timer delay:  
0, 3, 6 and 9 seconds



### AUTO RELOCKING TIMER SETTINGS

Use jumpers to adjust the time between 0 to 9 seconds for door locking time delay. This is the time, which takes the dropbolt to automatically lock after the door is closed.



### SPECIFICATION

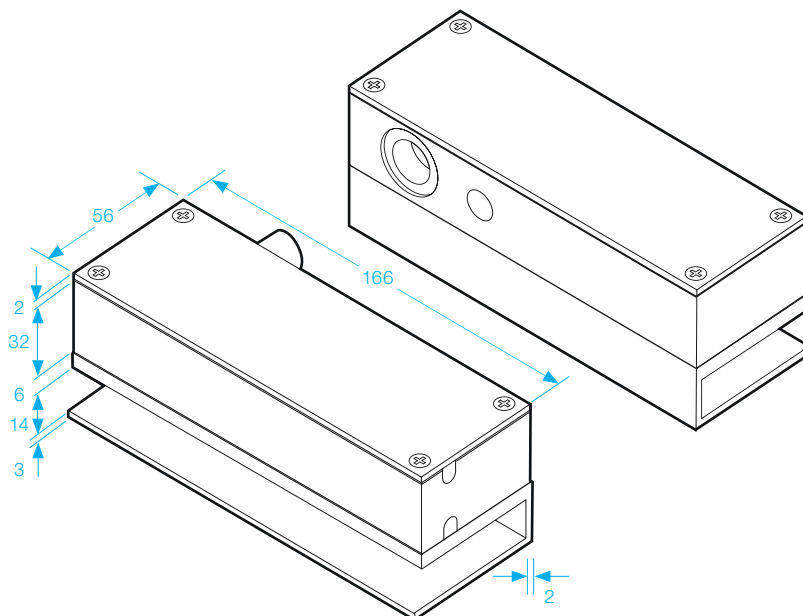
- Voltage tolerance:  $\pm 10\%$ .
- Current draw: Pull in 0.9A, Holding 0.3A at 12Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Door position status output indicates door opened or closed status (Reed rated 0.25A at 30Vdc).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Tested to 500,000 cycles
- Weight: 1.2kg (approx).

# EB300VGL

## Electric Dropbolt

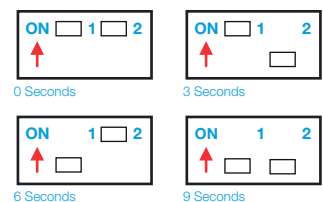


- Operating voltage 12Vdc
- Fail-Safe (*Power to Lock*)
- Glass door applications
- Auto-relocking timer delay:  
0, 3, 6 and 9 seconds



### AUTO RELocking TIMER SETTINGS

Use jumpers to adjust the time between 0 to 9 seconds for door locking time delay. This is the time, which takes the dropbolt to automatically lock after the door is closed.



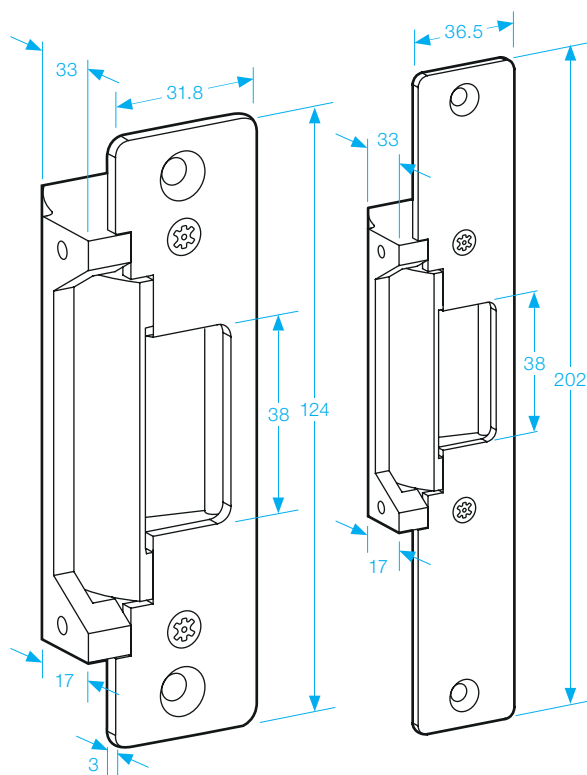
### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: Pull in 0.9A, Holding 0.3A at 12Vdc (at temperature 20°C)
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Door position status output indicates door opened or closed status (Reed rated 0.25A at 30Vdc).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Tested to 500,000 cycles
- Weight: 1.7kg (approx).

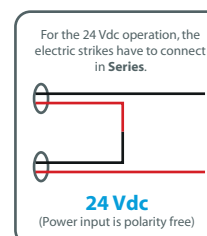
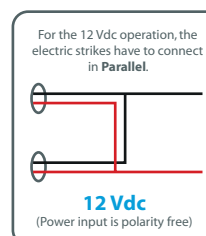
# GK311-1224

## Electric Release

- Operating voltage 12~24Vdc
- Fail-Safe/Fail-Secure (*Selectable*)
- Supplied with long and short face plates

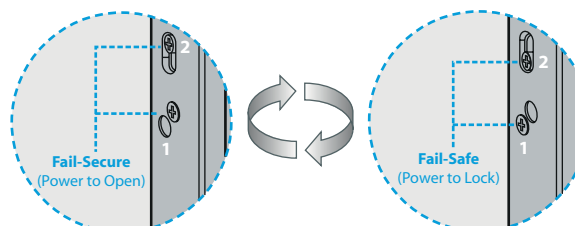
**GEM**®


### VOLTAGE SELECTION



### FLEXIBLE SOLUTIONS

The GK311-1224 electric strike can easily change between Fail-Safe and Fail-Secure modes. This unique design enables distributors to reduce inventory and still meet varying needs and requirements of end users.



### SPECIFICATION

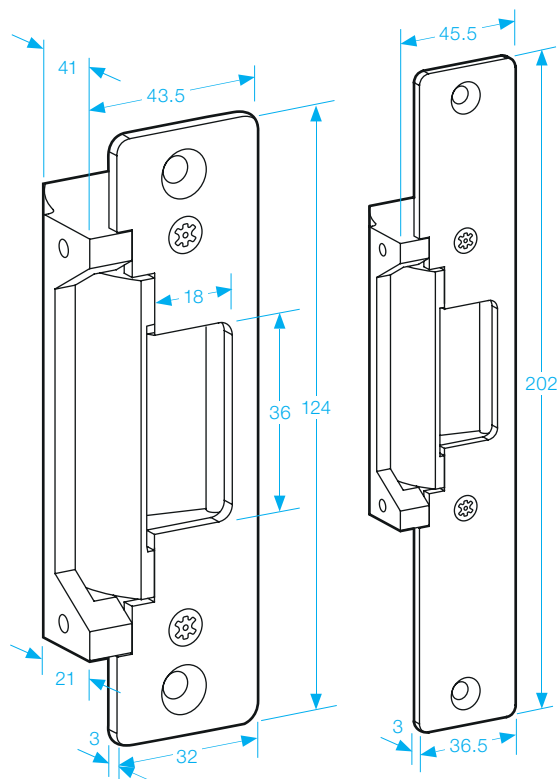
- Voltage tolerance:  $\pm 20\%$ .
- Current draw: 0.25A at 12Vdc, 0.15A at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Tested to 1,000,000 cycles
- 2000lbs jaw strength pull testing.



# GK321-1224

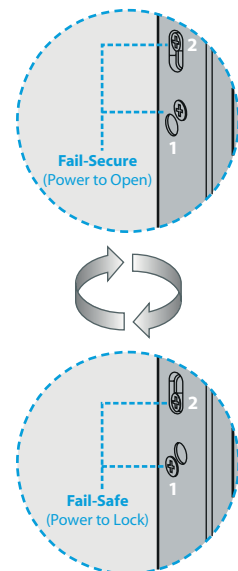
## Electric Release

- Operating voltage 12~24Vdc
- Fail-Safe/Fail-Secure (*Selectable*)
- Accommodates 19mm throw
- Supplied with long and short face plates
- ANSI style electric release



### FLEXIBLE SOLUTIONS

The GK321 electric strike can easily change between Fail-Safe and Fail-Secure modes. This unique design enables distributors to reduce inventory and still meet varying needs and requirements of end users.



### SPECIFICATION

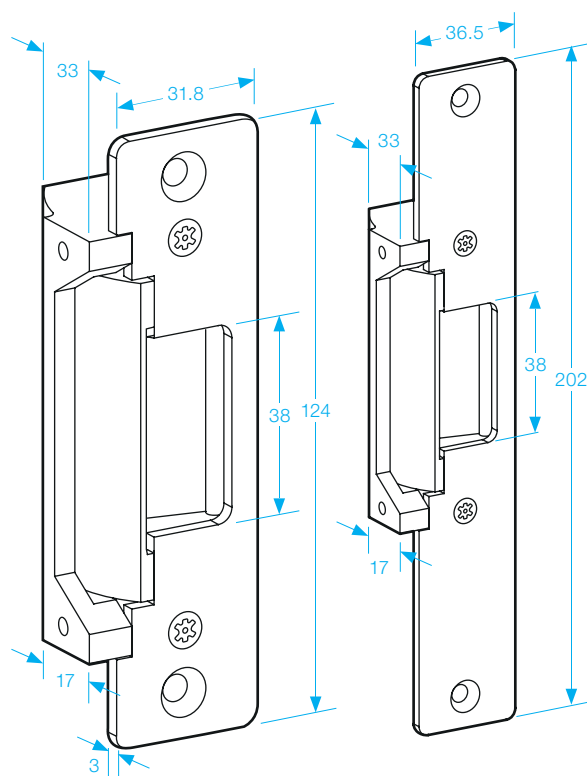
- Voltage tolerance:  $\pm 20\%$ .
- Current draw: 0.25A at 12Vdc, 0.15A at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Long and short faceplate.
- 2000lbs jaw strength pull testing.

## GK310LS-12 12 VDC

## GK310LS-24 24 VDC

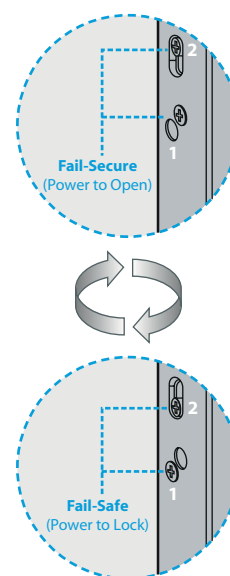
### Electric Release

- Operating voltage 12 or 24Vdc
- Fail-Safe/Fail-Secure (*Selectable*)
- Supplied with long and short plate
- ANSI style electric release



#### FLEXIBLE SOLUTIONS

The GK310LS electric strike can easily change between Fail-Safe and Fail-Secure modes. This unique design enables distributors to reduce inventory and still meet varying needs and requirements of end users.

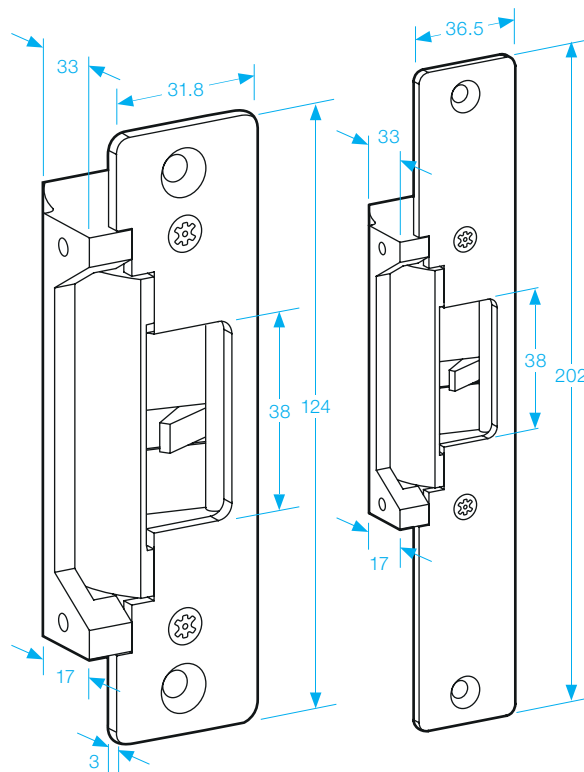


#### SPECIFICATION

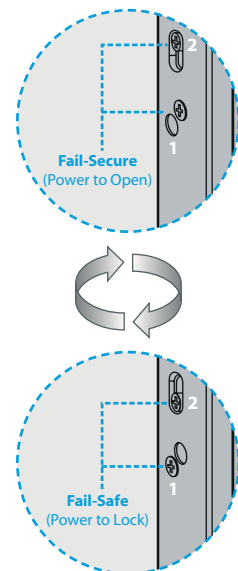
- Voltage tolerance:  $\pm 20\%$ .
- Current draw: 0.25A at 12Vdc, 0.15A at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Tested to 1,000,000 cycles
- 2000lbs jaw strength pull testing.

**GK310MLS-12** 12 VDC**GK310MLS-24** 24 VDC**Monitored Electric Release**

- Operating voltage 12/24Vdc
- Fail-Safe/Fail-Secure (*Selectable*)
- Supplied with long and short plate
- ANSI style electric release

**FLEXIBLE SOLUTIONS**

The GK310MLS electric strike can easily change between Fail-Safe and Fail-Secure modes. This unique design enables distributors to reduce inventory and still meet varying needs and requirements of end users.

**SPECIFICATION**

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 0.25A at 12Vdc, 0.15A at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Sensor switch monitored output indicates lockset locked or unlocked status (SPDT rated 2A at 125Vdc).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Tested to 1,000,000 cycles
- 2000lbs jaw strength pull testing.

# 10143 FAIL SECURE

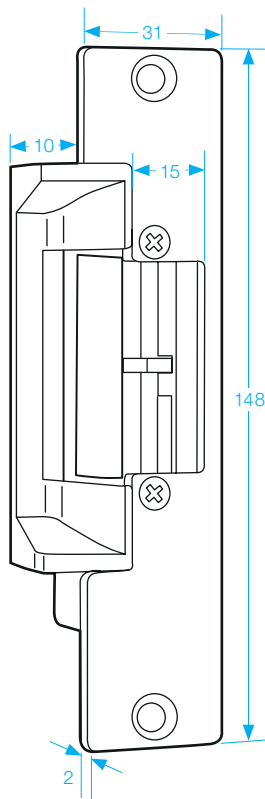
# 10145 FAIL SAFE

## Electric Release

- Operating voltage 12Vdc
- Stainless Steel
- Fail-Safe (*Power to Lock*)
- Fail-Secure (*Power to Unlock*)
- ANSI style release (*Budget*)



STAINLESS  
STEEL



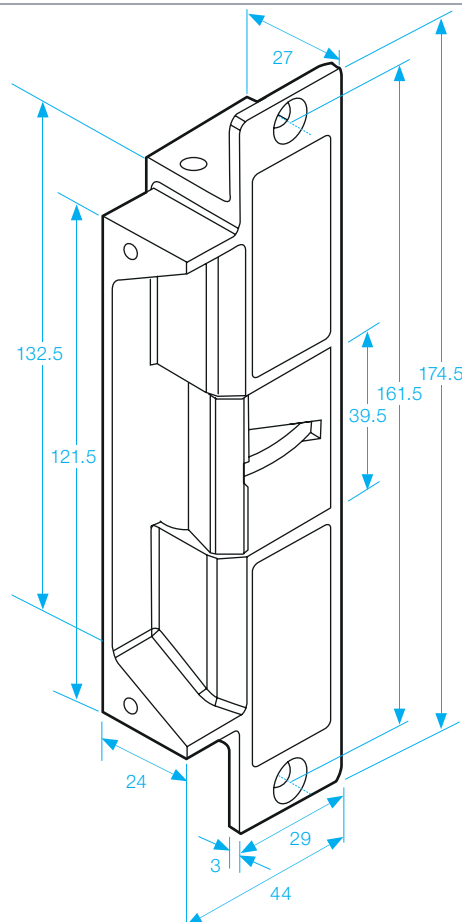
### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 200mA (*at temperature 20°C*).
- Operating temperature: -10~45°C (*14 to 131°F*).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (*when power is on*).
- Bolt status output indicates bolt locked or unlocked status. (*SPDT rated 3A at 30Vdc*).
- Humidity: 0~95% non-condensing.
- Tested to 5000,000 cycles
- Horizontal or vertical installation.
- Weight: 1.2kg (*approx*).

# GK700

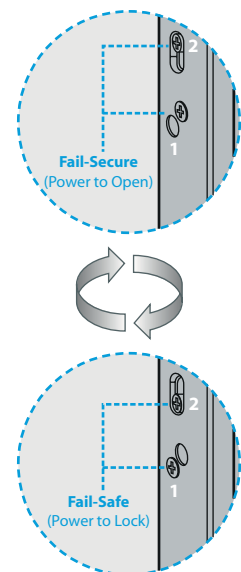
## Monitored Electric Release

- Operating voltage 12~24Vac/Vdc
- Fail-Safe/Fail-Secure (*Selectable*)
- High security
- Dual monitored lock and cam



## FLEXIBLE SOLUTIONS

The GK700 electric strike can easily change between Fail-Safe and Fail-Secure modes. This unique design enables distributors to reduce inventory and still meet varying needs and requirements of end users.



## SPECIFICATION

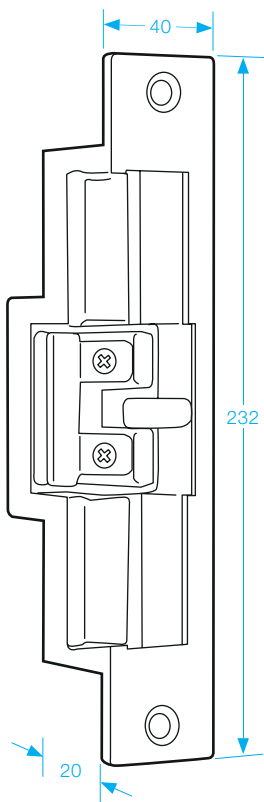
- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 210mA at 12Vdc, 140A at 24Vdc (*at temperature 20°C*).
- Operating temperature: -10~45°C (*14 to 131°F*).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (*when power is on*).
- Humidity: 0~95% non-condensing.
- Tested to 1,000,000 cycles
- 2000lbs jaw strength pull testing.

DBR-SEC FAIL SECURE

DBR-SAF FAIL SAFE

Electric Release

- Operating voltage 12Vdc
- Accepts 13mm deadbolt
- Fail-Safe (*Power to Lock*)
- Fail-Secure (*Power to Unlock*)
- Expects 13mm Deadbolt



- Red — +12Vdc
- Black — 0v
- Orange — Common
- Yellow — N.C.
- Green — N.O.

- **Accepts Bolt: W14 H24 D14 (Max)**

SPECIFICATION

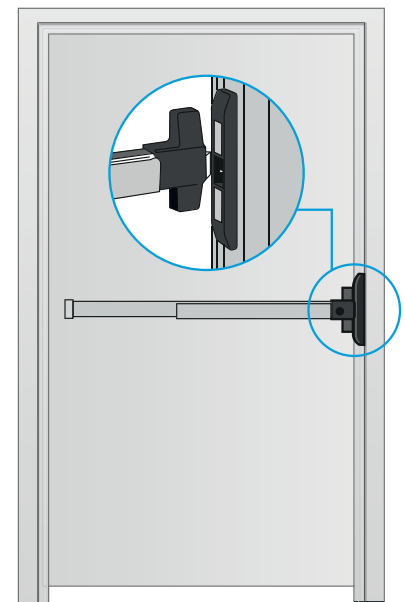
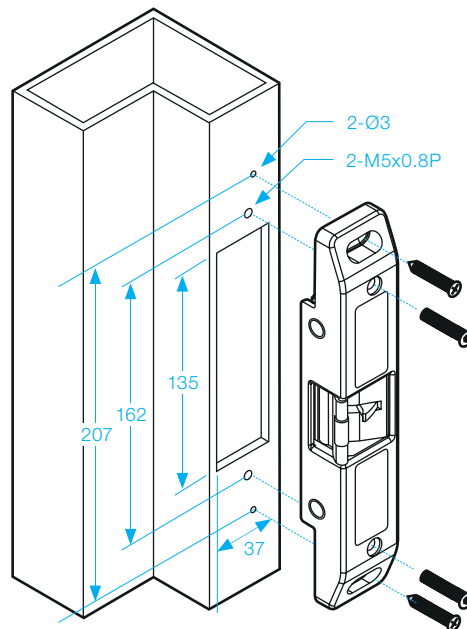
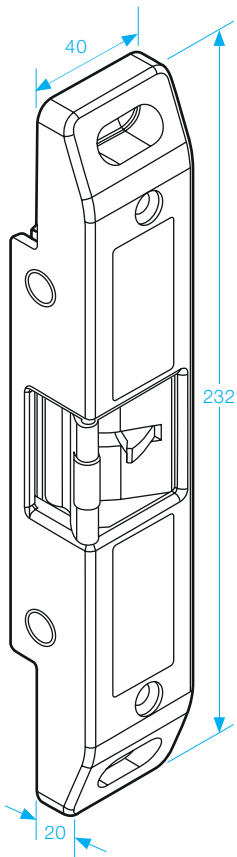
- Voltage tolerance: ±10%.
- Current draw: 120mA (*at temperature 20°C*).
- Operating temperature: -10~45°C (*14 to 131°F*).
- Lock's surface temperature: Current temperature ±20% (*when power is on*).
- Bolt status output indicates bolt locked or unlocked status (*SPDT rated 3A at 30Vdc*).
- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Tested to 500,000 cycles
- Weight: 0.6kg (*approx*).



# GK1100

## Electric Release

- Operating voltage 12~28Vac/Vdc
- Fail-Safe/Fail-Secure (*Selectable*)
- Long life solenoid
- 17mm maximum latch throw
- Lock & unlock / door status output
- Suitable with panic bar (*Latch*)

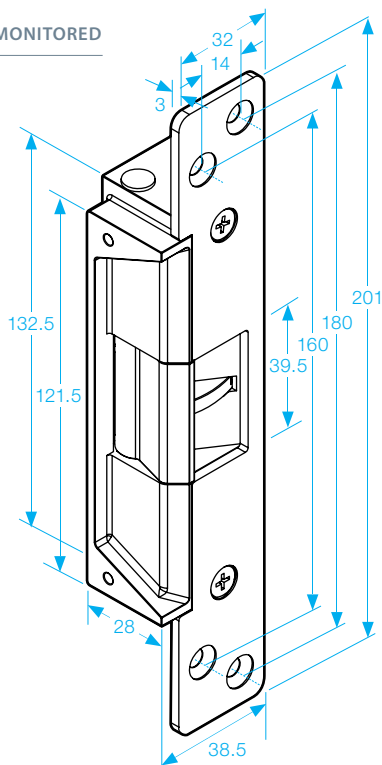
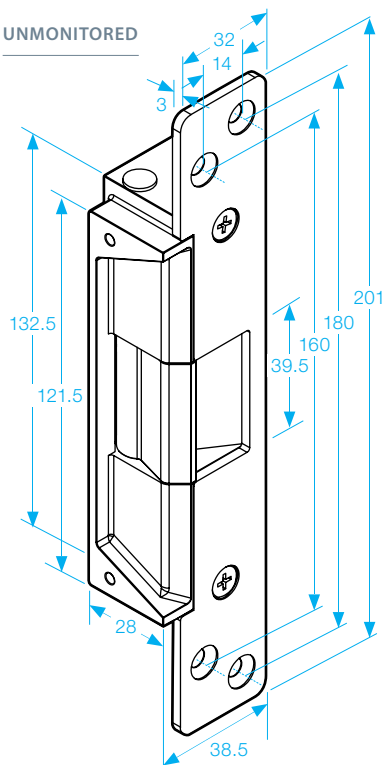


### SPECIFICATION

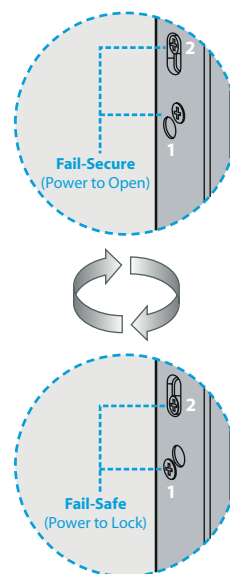
- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 230mA at 12Vdc, 140mA at 28Vdc, 440mA at 12Vac, 230mA at 28Vac (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Reed switch rating: 1A/125Vac
- Humidity: 0~95% non-condensing.
- Tested to 1,000,000 cycles (solenoid).
- Material: Metal surface.
- 1500lbs jaw strength pull testing.
- Net Weight: 752g.

**GK760** MONITORED**GK770** UNMONITORED**Electric Release**

- Operating voltage 12~24Vdc/Vac
- Fail-Safe/Fail-Secure (*Selectable*)
- Max latch throw 18mm
- Door status output
- For wood or metal frame doors
- Long life solenoid
- Suitable for DIN standard lockcases

**MONITORED****UNMONITORED****FLEXIBLE SOLUTIONS**

The GK760 electric strike can easily change between Fail-Safe and Fail-Secure modes. This unique design enables distributors to reduce inventory and still meet varying needs and requirements of end users.

**SPECIFICATION**

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 210mA at 12Vdc, 140mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).

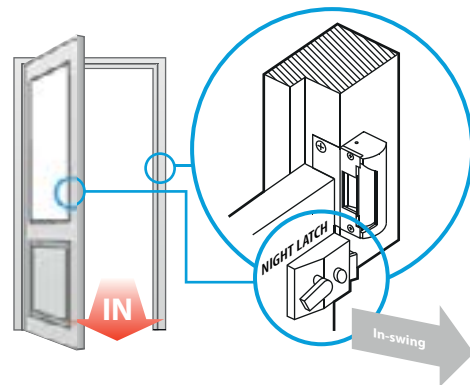
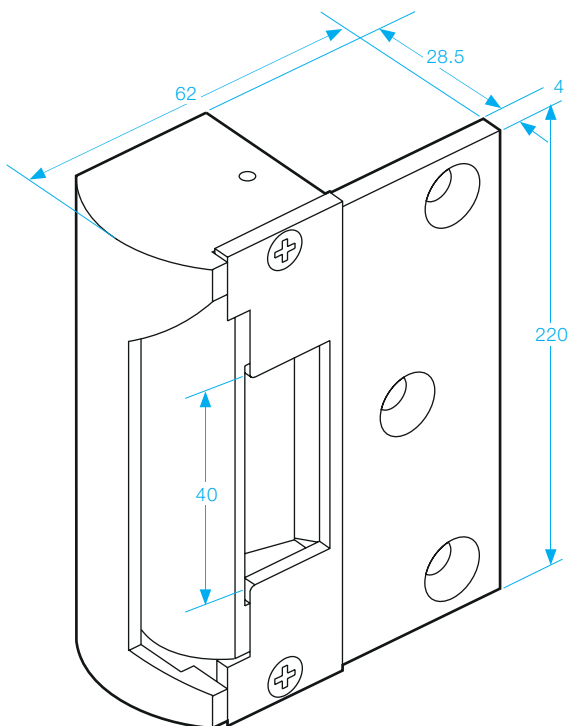
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Reed switch rating: 1A/125Vac
- Humidity: 0~95% non-condensing.

- Tested to 1,000,000 cycles (*solenoid*).
- Material: Zinc alloy main stand, Stainless Steel face plate.
- 1000lbs jaw strength pull testing.

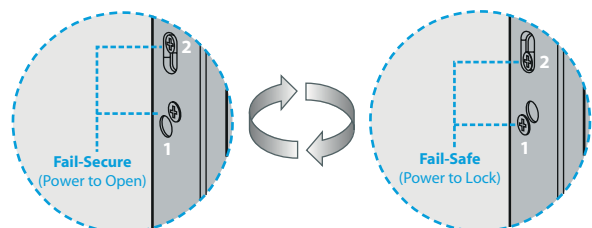


**ER350** 12 VDC**ER350-24** 24 VDC**Electric Release**

- Operating voltage 12 or 24Vdc
- Fail-Safe/Fail-Secure (*Selectable*)
- Rim mounted release

**FLEXIBLE SOLUTIONS**

The GK350-24 electric strike can easily change between Fail-Safe and Fail-Secure modes. This unique design enables distributors to reduce inventory and still meet varying needs and requirements of end users.

**SPECIFICATION**

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 0.25A at 12Vdc, 0.15A at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- 2000lbs jaw strength pull testing.
- Tested to 1,000,000 cycles
- Weight: 380g (approx).

# GK231M-L LEFT HAND

# GK231M-R RIGHT HAND

## Monitored Electric Release

- Operating voltage 12 or 24Vdc
- Stainless Steel
- Fail-Safe
- 1500lbs holding force
- 500lbs sideload
- 1 Hour UK fire certificate



FIRE  
RESISTANT



STAINLESS  
STEEL

### OPTIONS

LP-GK231  
-025

LP-GK231  
-050

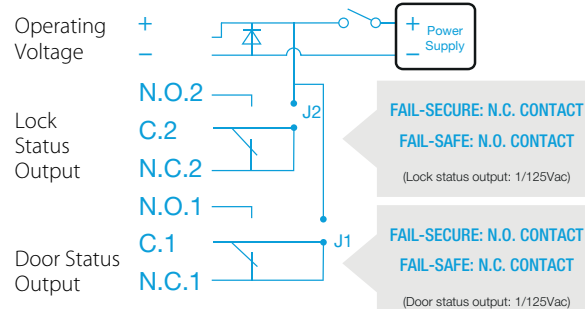
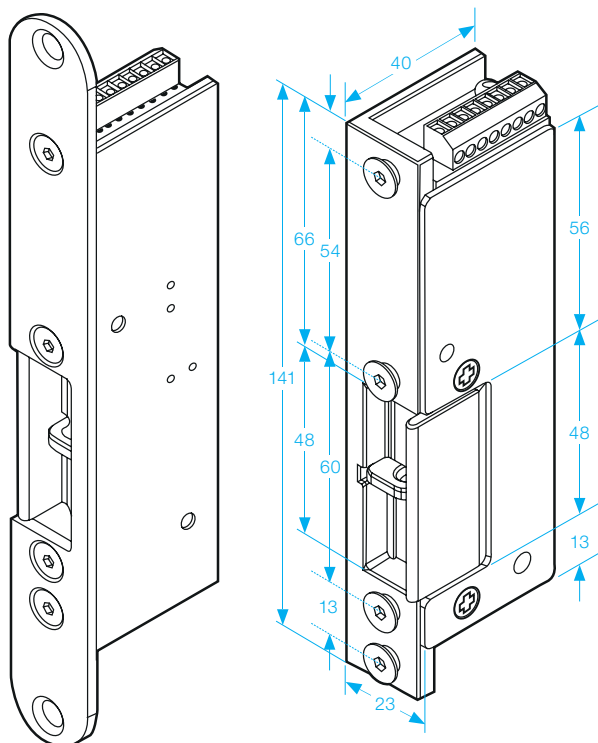
**GEM**



**500 LBS**  
SIDELOAD



**UK FIRE  
TESTED**



### SPECIFICATION

- Voltage tolerance:  $\pm 20\%$ .
- Current draw: 280mA at 12Vdc, 140mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Humidity: 0~95% non-condensing.
- Life rating of solenoid valve: 250,000 cycles
- Keeper width: 48mm
- Latch throw: 15mm (GK233: 8mm)
- Material: Stainless Steel
- 1500lbs jaw strength pull testing.
- Weight: 673g

# Accessories

## GK and ANSI Series

Various accessories for the GK Series and ANSI electric releases.



### GK-SASH-UK

Stainless Steel Faceplate

- GK-SASH-UK (UK Standard)
- GK-SASH-DIN (DIN Standard)



### GK310-PBS

Short Brass Faceplate for GK-310 Series



### LP-025

25mm Lip Extension for GK Series



### GK310-RK

1/2" (13mm) Aluminium Rebate Kit for GK310



### GK310-PBL

Long Brass Faceplate for GK-310 series



### LP-050

50mm Lip Extension for GK series



### LP-GK700-25

25mm Lip Extension for GK700 series



### LP-GK700-50

50mm Lip Extension for GK700 series



### LP-GK231-25

25mm Lip Extension for GK231M series



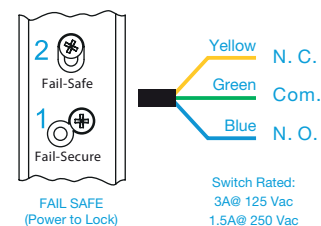
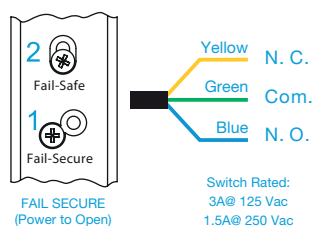
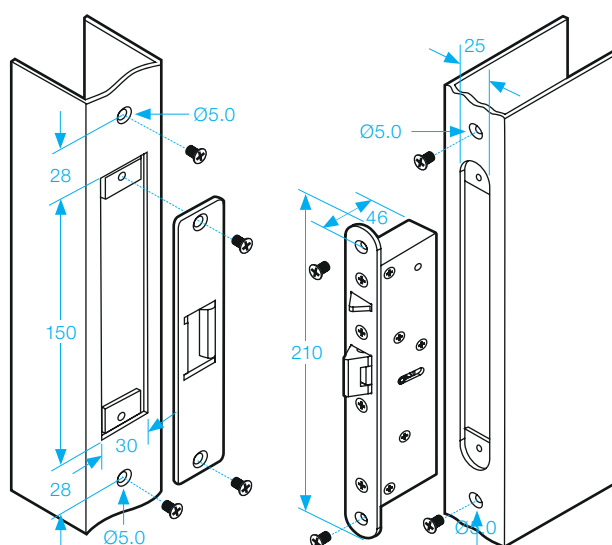
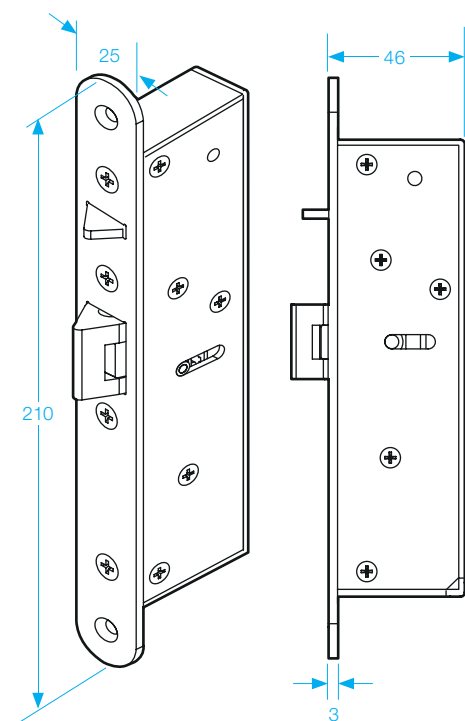
### LP-GK231-50

50mm Lip Extension for GK231M series

# ML210-SW

## Electric Lock

- Operating voltage 12~24Vdc (*Selectable*)
- Fail-Safe/Fail-Secure (*Selectable*)
- For double swing doors

**GEM®**


### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 210mA at 12Vdc, 150mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).

- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Lock bolt sensor switch output (SPDT rated 3A at 125Vac).
- Humidity: 0~95% non-condensing.

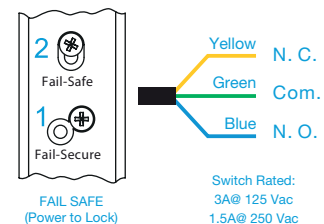
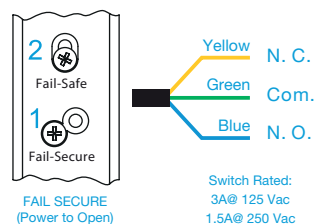
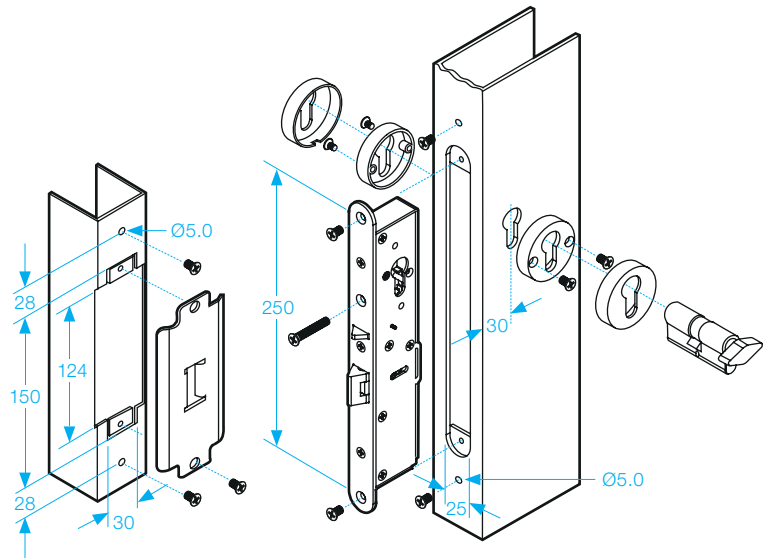
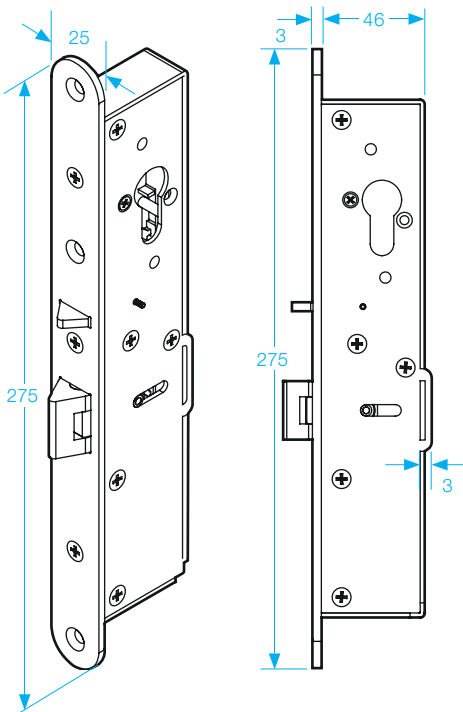
- Horizontal or vertical installation.
- 2000lbs jaw strength pull testing.
- Tested to 1,000,000 cycles.
- Weight: 594g (approx).



# ML300-SW

## Electric Lock

- Operating voltage 12~24Vdc (*Selectable*)
- Easily changeable control version
- Long life solenoids
- Fail-Safe/Fail-Secure (*Selectable*)
- For double swing doors
- Bond sensor output
- Back-set 30mm
- Over-ride euro slot



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 210mA at 12Vdc, 150mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).

- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Lock bolt sensor switch output (SPDT rated 3A at 125Vac).
- Humidity: 0~95% non-condensing.

- Only applicable to vertical installation.
- Solenoids tested to 1,000,000 cycles.
- Weight: 815g (approx).

# ML350

## Monitored Electric Lock

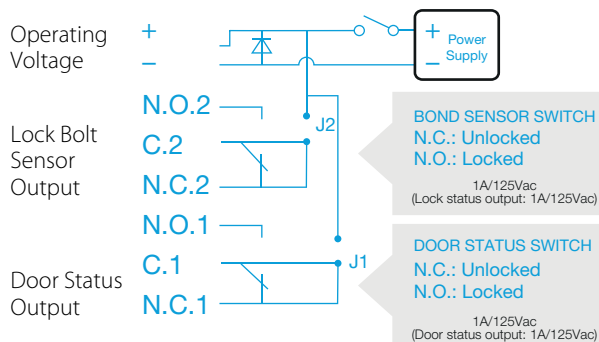
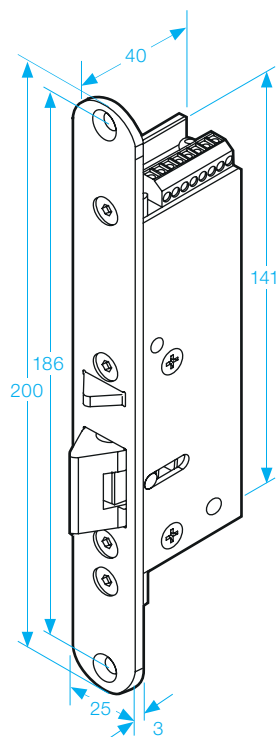
- Operating voltage 12Vdc  
(24Vdc available to order)
- Stainless Steel
- Fail-Safe
- Fire resistant
- 1500lbs holding force
- 500lbs side-load



FIRE  
RESISTANT



STAINLESS  
STEEL



### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 280mA at 12Vdc, 140mA at 24Vdc (at temperature 20°C).

- Operating temperature:  $-10 \sim 45^{\circ}\text{C}$  (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Humidity: 0~95% non-condensing.
- Solenoids tested to 250,000 cycles.
- Weight: 673g (approx).

## ML350-44MM-KEEPER

### For Monitored Electric Lock

- 44mm
- Stainless Steel



STAINLESS  
STEEL



## ML350-54MM-KEEPER

### For Monitored Electric Lock

- 54mm
- Stainless Steel



STAINLESS  
STEEL



## ML350 INTERDEN INTUMESCENT

### Fire Protection Pack

- For use with FR-ML350 Locks
- Fire resistant



FIRE  
RESISTANT



# SL500

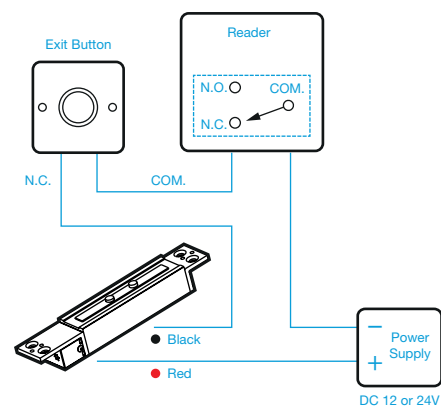
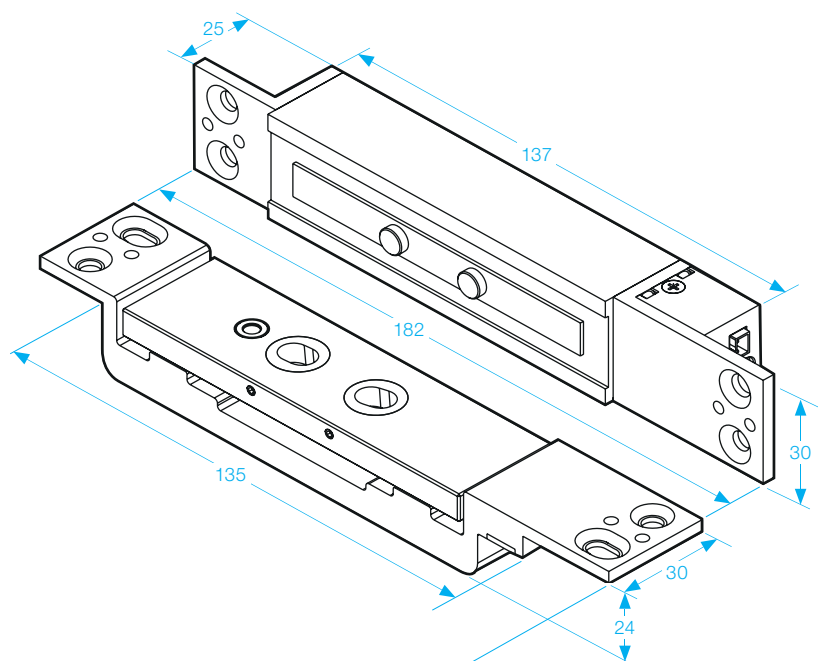
## Micro Shearlock

- Operating voltage 12~24Vdc
- Holding force up to 2,600lbs (1,200Kg) in shear
- Locking time delay: 0.5 to 25 seconds (*Adjustable*)
- N.C/N.O/Com

### OPTIONS

#### BR500

- Surfac mounts for SL500



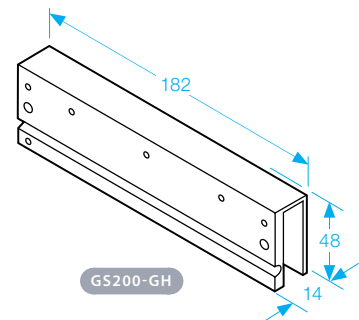
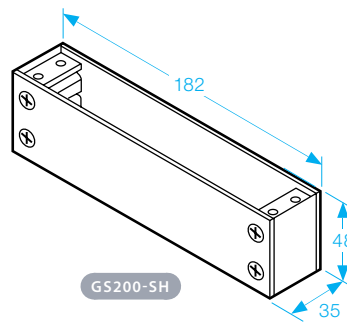
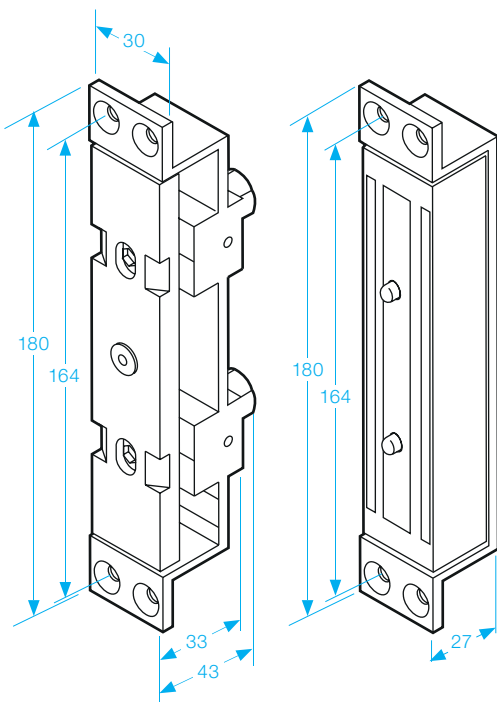
**GS200** UNMONITORED**GS200M** MONITORED**Shear Magnet**

- Operating voltage 12~24Vdc
- Holding force up to 1500lbs (680Kg) in shear

**OPTIONS**

GS200-SH

GS200-GH

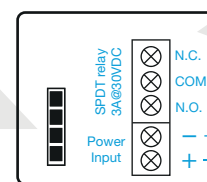


GS200-SH

GS200-GH

**VOLTAGE SELECTION JUMPERS**

Check jumper settings before connecting the lock to 24VDC input power. Damage to the lock may result from incorrect jumper settings.



**MAGNET BOND SENSOR OUTPUT**  
N.C. output while door is unlocked;  
N.O. output while door is locked by the electromagnetic lock

Control Device N.C.  
Contactor or Access relay

**SPECIFICATION**

- Voltage tolerance:  $\pm 10\%$ .
- Current draw: 500mA at 12Vdc, 250mA at 24Vdc (at temperature 20°C).
- Operating temperature: -30~55°C (-22 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (GS-200M) (SPDT rated 3A at 30Vdc).
- Humidity: 0~95% non-condensing.
- Special Zinc finish for magnet and armature plate.
- Weight: 2.0kg (approx).

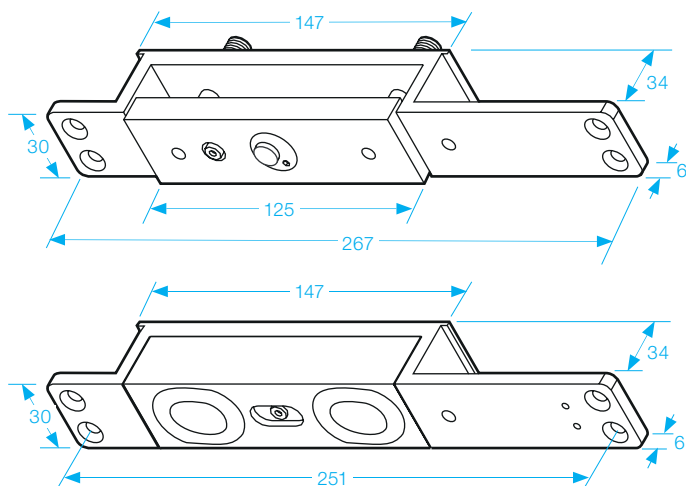
# GS705-35

# GS705-30

## Shearlock



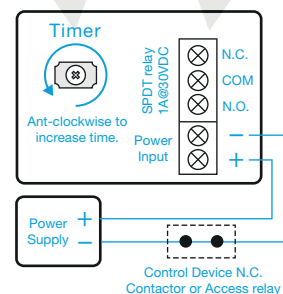
- Operating voltage 12~24Vdc
- Holding force up to 2,700lbs  
(1,226Kg) in shear
- Locking time delay: 1 to 6 seconds  
(Adjustable)



The Shear Locks may be wired to one or two different electrical configurations. An auto locking time delay is recommended for all installations to delay relocking 1~6 seconds after initial door closure. This will help ensure the door is fully closed and at a rest to ensure optimum alignment before the Shear Lock is energised.

### MAGNET BOND SENSOR OUTPUT

N.C. output while door is unlocked;  
N.O. output while door is locked by the electromagnetic lock



Caution: make sure that the (+) and (-) wires are connected correctly. Failure to observe polarity will result in a short circuit and is not covered by the products warranty.

### SPECIFICATION

- Voltage tolerance:  $\pm 10\%$ .
- Current draw:

#### GS705-35

Pull in: 1.9A, Holding: 0.4A at 12Vdc.  
Pull in: 1.2A, Holding: 0.3A at 24Vdc.

#### GS705-30

Pull in: 2.2A, Holding: 0.5A at 12Vdc.  
Pull in: 1.4A, Holding: 0.3A at 24Vdc.

- Operating temperature:  $-30 \sim 55^{\circ}\text{C}$   
( $-22$  to  $131^{\circ}\text{F}$ ).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Magnetic bond sensor monitor output remotely monitors the door lock or unlock status. (N.C. Output-Door opened; N.O. Output-door closed) (SPDT rated 1A at 30Vdc).

- Humidity: 0~95% non-condensing.
- Horizontal or vertical installation.
- Special Zinc finish for magnet and armature plate.
- Housing black powder coated.
- Weight: 1.8kg (approx).



**TO ORDER**

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NOTE: All prices for packages up to 60kg.

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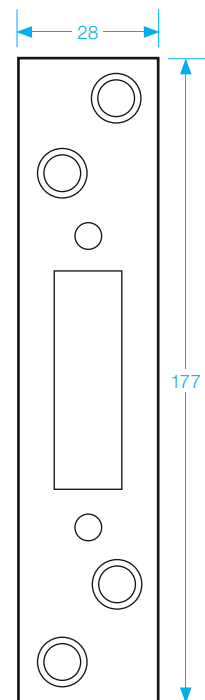
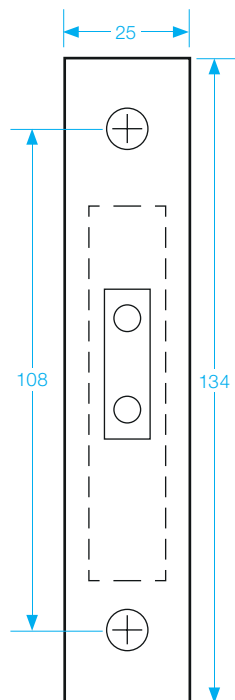
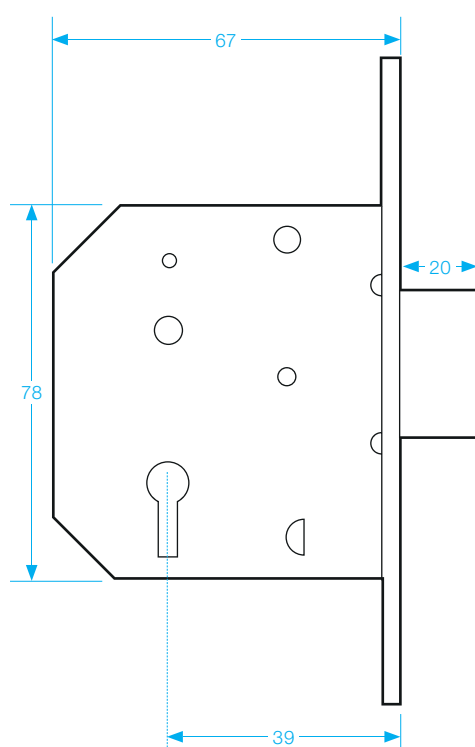
*"Setting the Standard in Access Control"*

## 3G114-DP DOUBLE POLE

## 3G114-SP SINGLE POLE

### Microswitch Deadlock

- 5 Lever mortice deadlock
- Double pole (2 x NO / 2 x NC / 2 x Com)
- Single pole (NO / NC / Com)

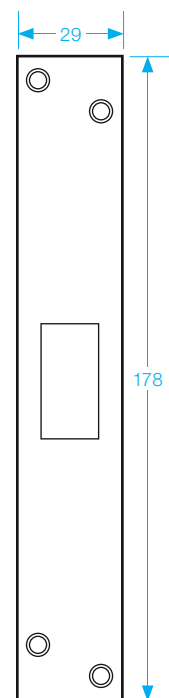
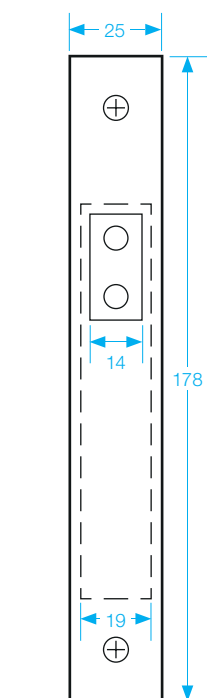
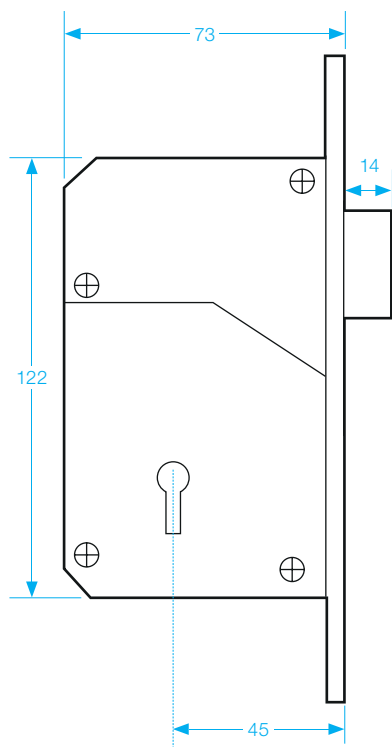


## 3G110-DP DOUBLE POLE

## 3G110-SP SINGLE POLE

### Microswitch Deadlock

- 5 Detainer mortice deadlock
- Double pole (2 x NO / 2 x NC / 2 x Com)
- Single pole (NO / NC / Com)



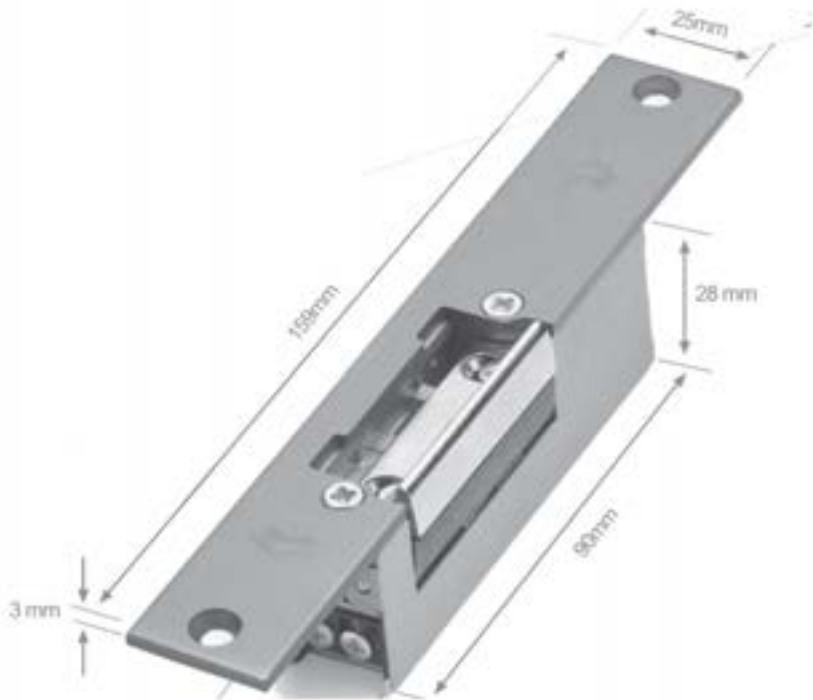
# M1 Lock FAIL SECURE

# M1 Unlock FAIL SAFE

## Electric Release

- Operating voltage 12Vdc
- Euro style
- Mortice and rim plates

|           |             |
|-----------|-------------|
| M1 LOCK   | FAIL SECURE |
| M1 UNLOCK | FAIL SAFE   |





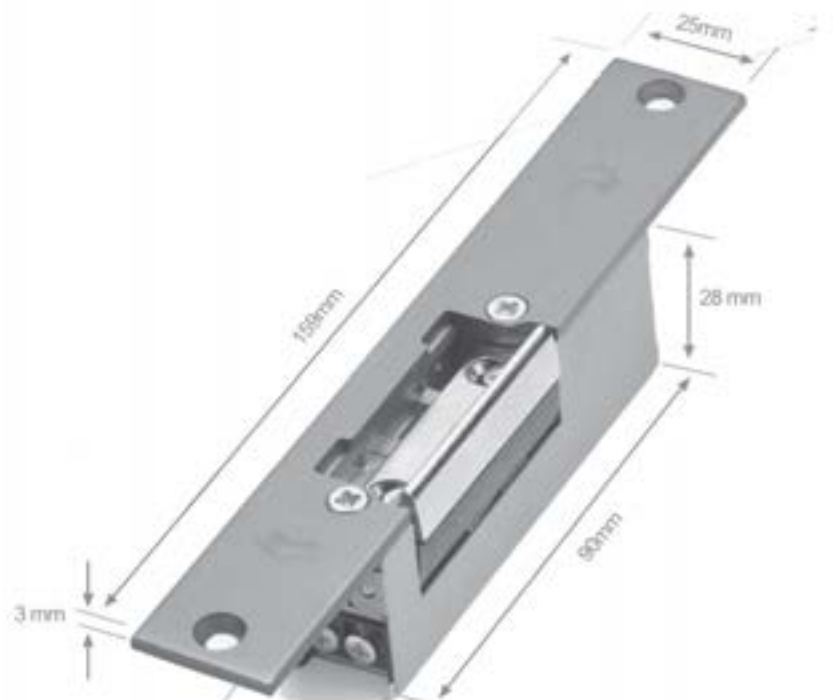
## M1A Lock FAIL SECURE

## M1A Unlock FAIL SAFE

### Electric Release

- Operating voltage 12Vdc
- Euro style
- Mortice and rim plates
- Adjustable jaw available

|            |             |
|------------|-------------|
| M1A LOCK   | FAIL SECURE |
| M1A UNLOCK | FAIL SAFE   |



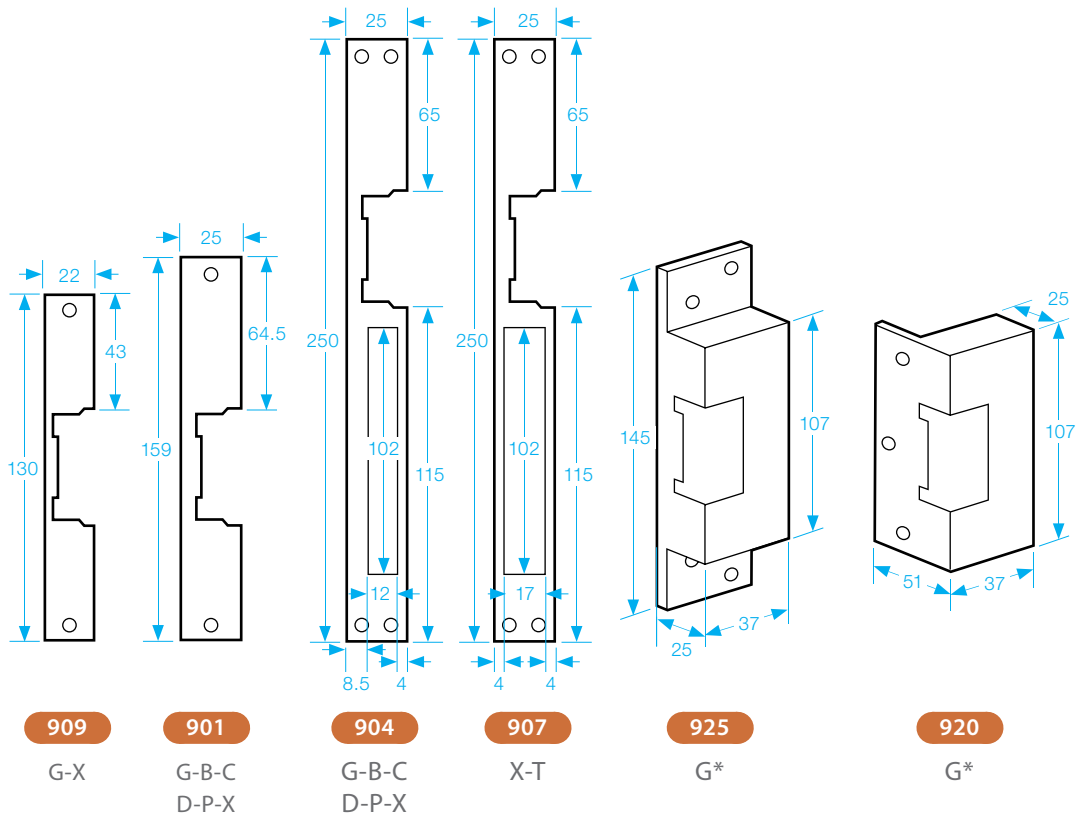
# 1400 Series

## Electric Lock



- Operating voltage 12 or 24Vdc  
*(Selectable)*
- Symetrical
- Adjustable jaw
- Suits upvc frames

| PRODUCT | VOLTAGE | TOLERANCE | AMPS | OHMS    |
|---------|---------|-----------|------|---------|
| 1410    | 12VAC   | 43        | 1,08 | 8,000   |
| 1410    | 12VDC   | 11-13     | 0,72 | 15,000  |
| 1410    | 24VDC   | 22-25     | 0,35 | 75,000  |
| 1411    | 12VDC   | 11-13     | 0,29 | 40,000  |
| 1411    | 24VDC   | 22-25     | 0,16 | 140,000 |



|                           |                             |                            |                           |                             |                                |                   |                           |
|---------------------------|-----------------------------|----------------------------|---------------------------|-----------------------------|--------------------------------|-------------------|---------------------------|
| <b>G</b><br>GREY<br>STEEL | <b>B</b><br>ALUM.<br>BRONZE | <b>C</b><br>ALUM.<br>WHITE | <b>D</b><br>ALUM.<br>GOLD | <b>P</b><br>ALUM.<br>SILVER | <b>X</b><br>STAINLESS<br>STEEL | <b>T</b><br>BRASS | <b>N</b><br>BLACK<br>IRON |
|---------------------------|-----------------------------|----------------------------|---------------------------|-----------------------------|--------------------------------|-------------------|---------------------------|

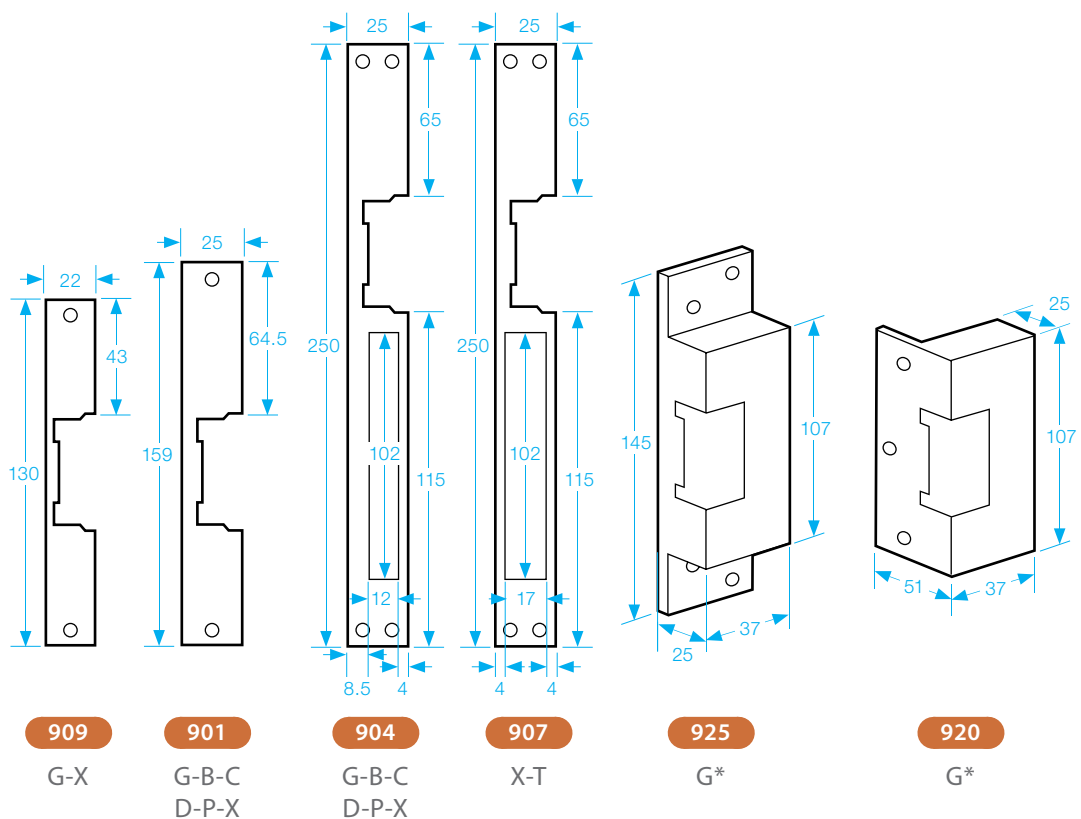


# 1500 Series

## Electric Lock

- Operating voltage 12 or 24Vdc  
(Selectable)
- 2,204lbs holding force (1,000Kg)
- Symetrical
- Adjustable jaw
- Suits upvc frames

| PRODUCT | VOLTAGE | TOLERANCE | AMPS | OHMS    |
|---------|---------|-----------|------|---------|
| 1510    | 12VAC   | 43        | 1,08 | 8,000   |
| 1510    | 12VDC   | 11-13     | 0,72 | 15,000  |
| 1510    | 24VDC   | 22-25     | 0,35 | 75,000  |
| 1511    | 12VDC   | 11-13     | 0,29 | 40,000  |
| 1511    | 24VDC   | 22-25     | 0,16 | 140,000 |



|               |                 |                |               |                 |                    |          |               |
|---------------|-----------------|----------------|---------------|-----------------|--------------------|----------|---------------|
| <b>G</b>      | <b>B</b>        | <b>C</b>       | <b>D</b>      | <b>P</b>        | <b>X</b>           | <b>T</b> | <b>N</b>      |
| GREY<br>STEEL | ALUM.<br>BRONZE | ALUM.<br>WHITE | ALUM.<br>GOLD | ALUM.<br>SILVER | STAINLESS<br>STEEL | BRASS    | BLACK<br>IRON |

**GD650S-12** 12 VDC**GD650S-24** 24 VDC**Door Retaining Magnet**

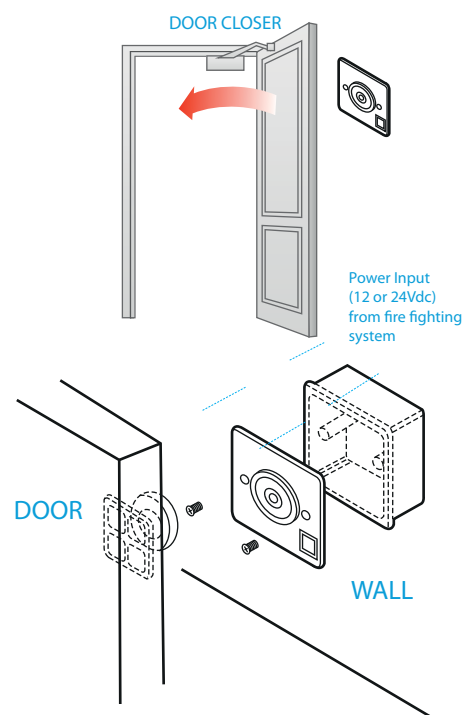
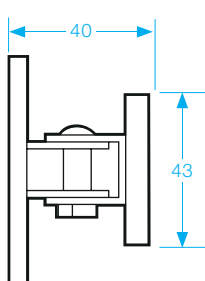
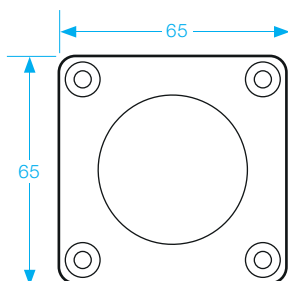
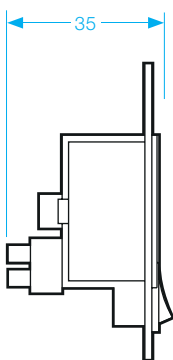
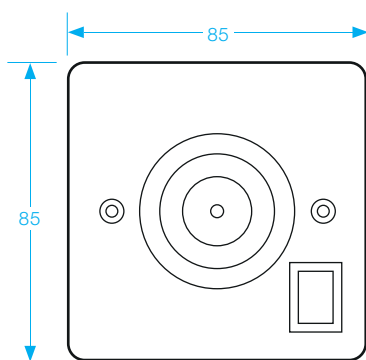
- Operating voltage 12Vdc
- Stainless Steel
- Fire tested: EN1155
- Up to 70lbs (32kg) holding force
- Over-ride switch
- Flush mount



STAINLESS  
STEEL



FIRE  
TESTED  
— EN1155 —

**SPECIFICATION**

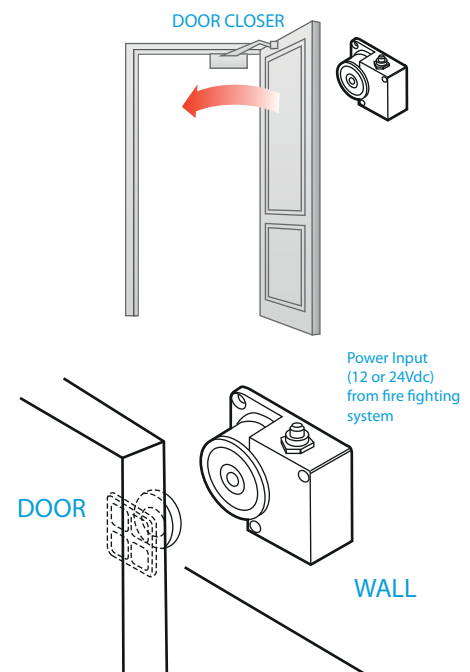
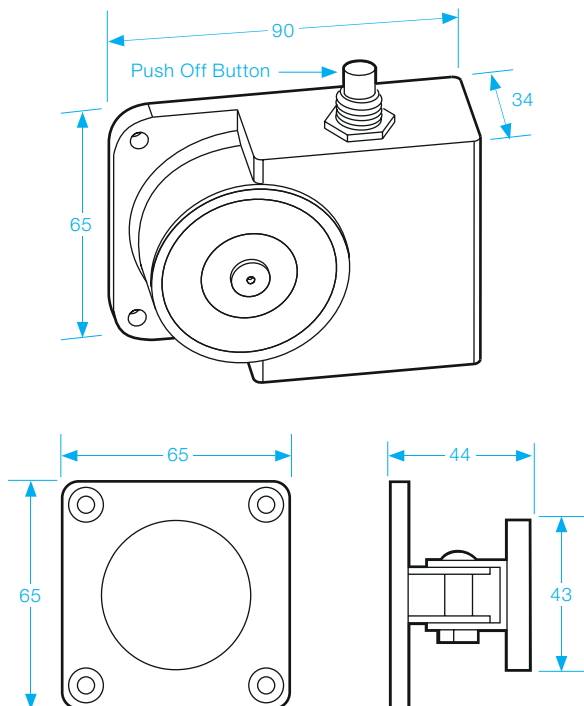
- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 150mA at 12Vdc, 70mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Humidity: 0~95% non-condensing.
- Weight: 380g (approx).

**GD830S-12** 12 VDC**GD830S-24** 24 VDC**Door Retaining Magnet**

- Operating voltage 12Vdc
- Black powder-coat finish
- Fire tested: EN1155
- Up to 80lbs (36kg) holding force
- Over-ride switch
- Surface mount



FIRE  
TESTED  
— EN1155 —

**SPECIFICATION**

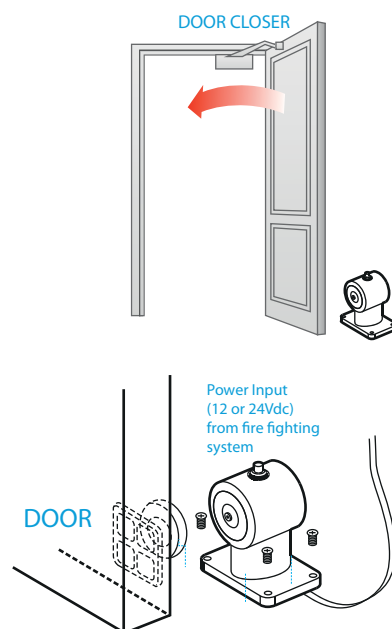
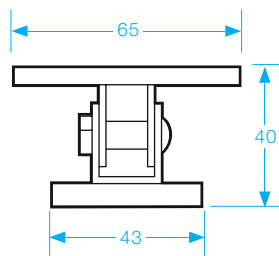
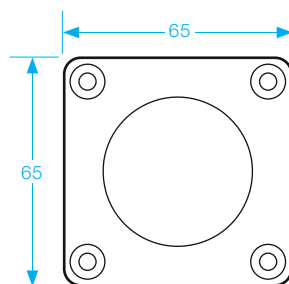
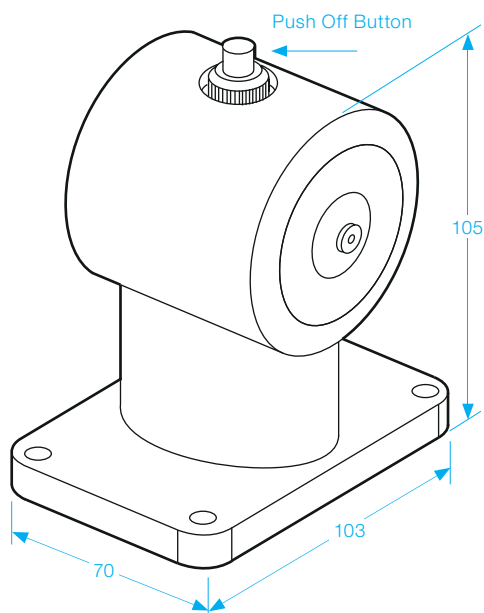
- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 130mA at 12Vdc, 60mA at 24Vdc at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Humidity: 0~95% non-condensing.
- Weight: 380g (approx).

**GD830F-12** 12 VDC**GD830F-24** 24 VDC**Door Retaining Magnet**

- Operating voltage 12Vdc
- Black powder-coat finish
- Fire tested: EN1155
- Up to 80lbs (36kg) holding force
- Over-ride switch
- Floor mount



FIRE  
TESTED  
– EN1155 –

**SPECIFICATION**

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 130mA at 12Vdc, 60mA at 24Vdc (at temperature 20°C).

- Operating temperature: -10~45°C (14 to 131°F).
- Humidity: 0~95% non-condensing.

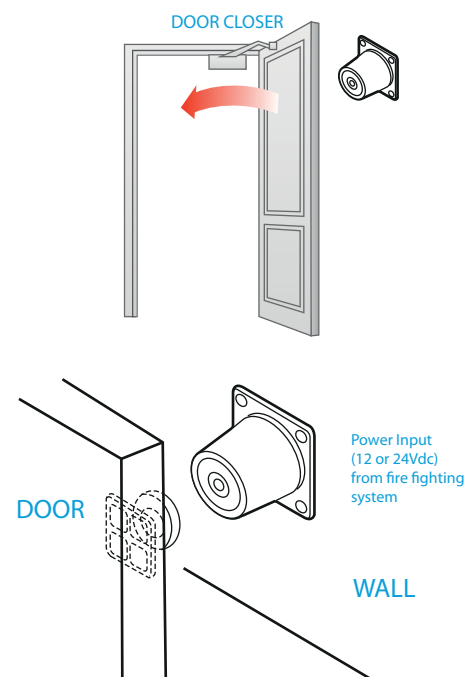
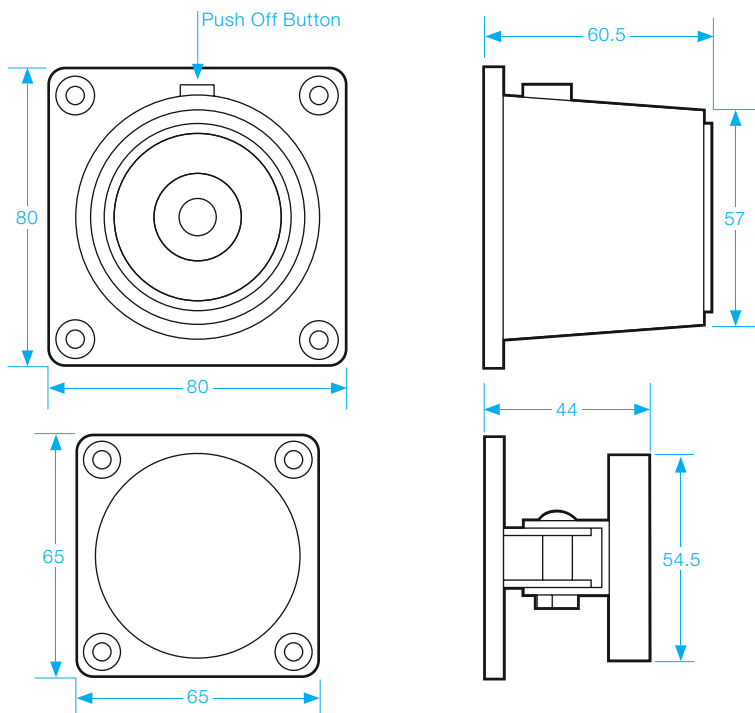
- Weight: 380g (approx).

**GD870S-12** 12 VDC**GD870S-24** 24 VDC**Door Retaining Magnet**

- Operating voltage 12Vdc
- White powder-coat finish
- Fire tested: EN1155
- Up to 80lbs (36kg) holding force
- Over-ride switch
- Surface mount



FIRE  
TESTED  
— EN1155 —

**SPECIFICATION**

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 125mA at 12Vdc, 60mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Humidity: 0~95% non-condensing.
- Weight: 380g (approx).

**18001** 24 VDC

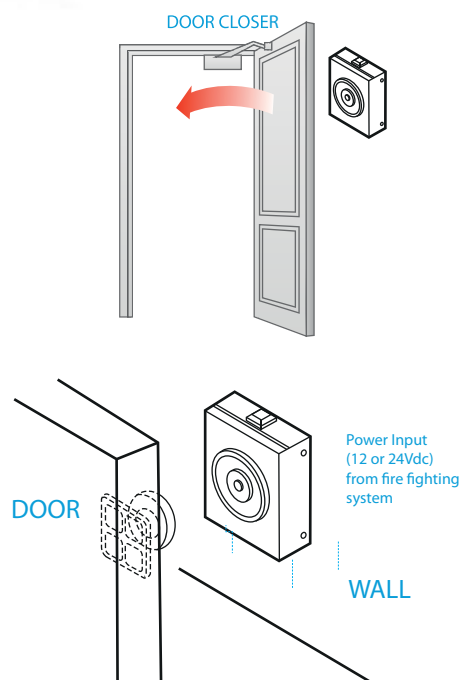
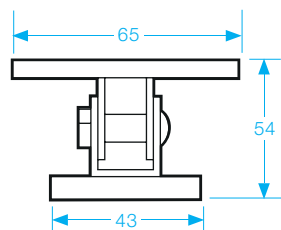
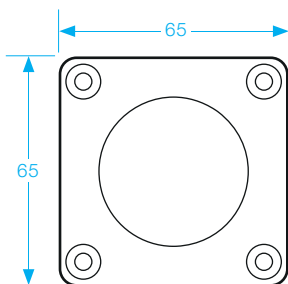
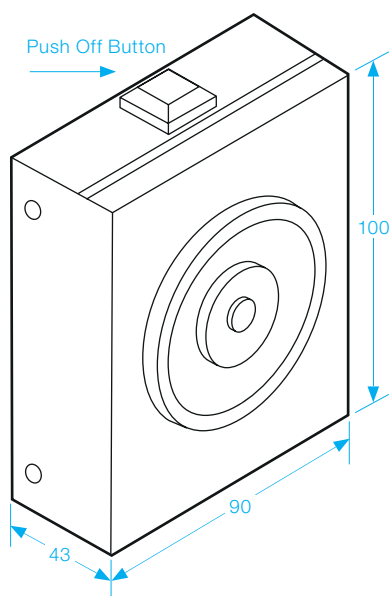
BLACK

**18001SVH** 240 V

SILVER

**Door Retaining Magnet**

- Operating voltage 24Vdc
- Stainless Steel
- Black or Silver finish
- Up to 120lbs (55kg) holding force
- Fire tested and certified to BS EN1155 and CE marked
- Surface mount to standard BS wiring boxes
- Heavy duty construction

STAINLESS  
STEELFIRE  
TESTED  
— EN1155 —**SPECIFICATION**

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 125mA at 12Vdc, 60mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).

- Bond sensor output (SPDT rated 3A at 125Vac).
- Humidity: 0~95% non-condensing.
- Stainless Steel face plate.
- Armature plate to be ordered separately.
- Zero residual force.



# 19001

## Door Retaining Magnet

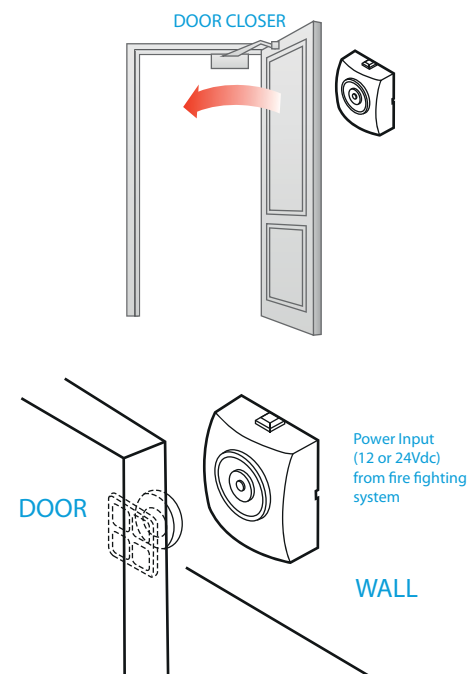
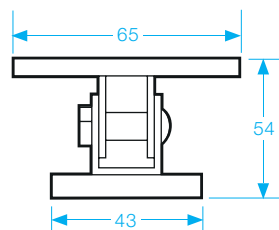
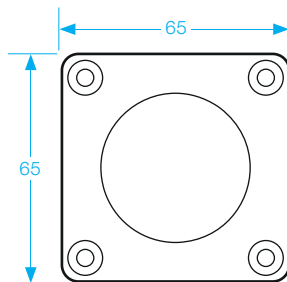
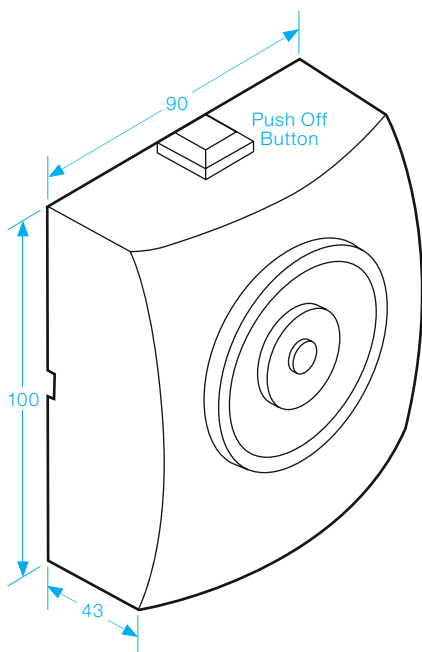
- Operating voltage 24Vdc
- Stainless Steel
- ABS cover
- Black finish
- Up to 120lbs (55kg) holding force
- Fire tested and certified to BS EN 1155 and CE marked
- Zero residual force
- Surface mount to standard BS wiring boxes
- Heavy duty construction
- 2 year warranty



STAINLESS  
STEEL



FIRE  
TESTED  
— EN1155 —



### SPECIFICATION

- Voltage tolerance:  $\pm 15\%$ .
- Current draw: 125mA at 12Vdc, 60mA at 24Vdc (at temperature 20°C).
- Operating temperature: -10~45°C (14 to 131°F).
- Lock's surface temperature: Current temperature  $\pm 20\%$  (when power is on).
- Bond sensor output (SPDT rated 3A at 125Vac).
- Humidity: 0~95% non-condensing.
- Stainless Steel face plate.
- Armature plate to be ordered separately.
- Electromagnet protected against residual magnetism.



# Setting the Standard in Access Control

**NO CARD, NO CODE  
NO TAG...JUST YOUR  
MOBILE PHONE!**

Bluetooth readers and keypads with free APP - where your phone is your key.

**FIRE RATED PRODUCTS**

**UK  
FIRE TESTED  
EN1634:1**

Now available a full range of fire rated products conforming to EN1634:1.

**DAY OR NIGHT, KEEP AN  
EYE ON YOUR HOME...  
WHEREVER YOU ARE!**

WiFi Video Doorbell linked directly to your home or office for immediate viewing.

## PRODUCTS AVAILABLE NOW FROM ICS SECURITY SOLUTIONS



EXIT  
DEVICES



ACCESS  
CONTROL



ELECTRIC  
LOCKING



AUDIO AND  
VIDEO ENTRY



ADDITIONAL  
EQUIPMENT



FIRE RATED  
PRODUCTS



**ICS Security Solutions Ltd - Setting the Standard in Access Control**

Units 1-2 JBJ Business Park Northampton Road Blisworth Northampton NN7 3DW  
Telephone: 01604 879300 Facsimile: 01604 859545 Email: [orderline@icssecurity.co.uk](mailto:orderline@icssecurity.co.uk)

# AUDIO AND VIDEO ENTRY



|                           |           |
|---------------------------|-----------|
| Colour Video Access       | 252 - 255 |
| ACO Series Audio System   | 256       |
| Audio Entry Kit           | 257       |
| Modular Colour Video      | 258 - 261 |
| Monitors and Handsets     | 262       |
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| Wireless Doorbell Chime   | 265       |



# CCL-VC1-CK

## Colour Video Access

- Narrow style panels
- Die cast metal material
- High quality handset
- 70m distance
- Up to 3 handsets
- Up to 2 entrances
- Surface mount



# CCL-VC2-CK

## Hands Free Colour Video Access



| H   | W   | D  |
|-----|-----|----|
| 160 | 245 | 18 |



| PRODUCT    | H   | W   | D  |
|------------|-----|-----|----|
| CALL PANEL | 130 | 55  | 39 |
| MONITOR    | 243 | 198 | 79 |

### OPTIONS

SAC5C



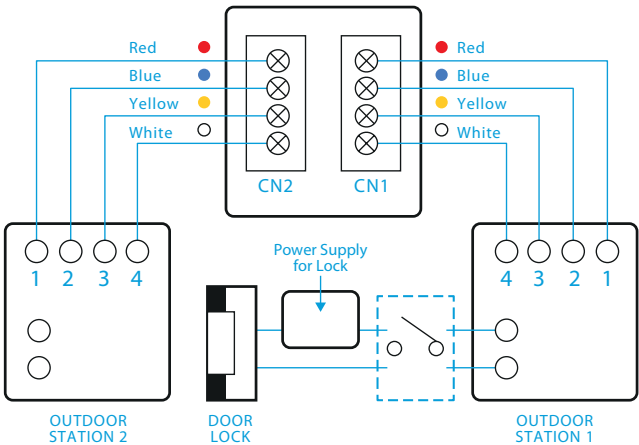
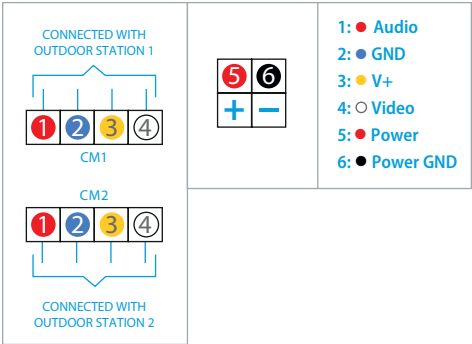
MT200C-CK



MT320C-CK



MT-RELAY







# CCL-VCK1-CK

## Colour Video Keypad Access

- Narrow style panels
- Die cast metal material
- High quality handset
- 70m distance
- Keypad access
- Up to 3 handsets
- Up to 2 entrances
- Surface mount



# CCL-VCK2-CK

## Hands Free Colour Video Keypad Access



| H   | W   | D  |
|-----|-----|----|
| 160 | 245 | 18 |



| PRODUCT    | H   | W   | D  |
|------------|-----|-----|----|
| CALL PANEL | 190 | 75  | 45 |
| MONITOR    | 243 | 198 | 79 |

### OPTIONS

SAC50C



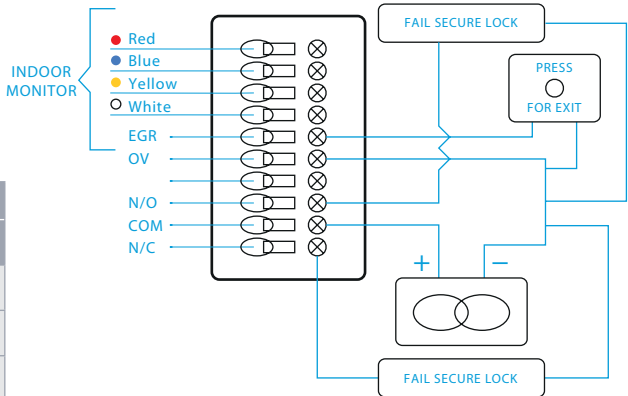
MT200C-CK



MT320C-CK



| RANGE OF VIDEO      |          |
|---------------------|----------|
| CABLE DIAMETER      | DISTANCE |
| 0.2 <sup>2</sup> mm | 28       |
| 0.3 <sup>2</sup> mm | 50       |
| 0.5 <sup>2</sup> mm | 70       |



|          |         |
|----------|---------|
| ● RED    | = AUDIO |
| ● BLUE   | = GND   |
| ● YELLOW | = V+    |
| ○ WHITE  | = AUDIO |

The keypad will not operate until the power for the lock is applied.

# CCL-SSVC1-CK



## Colour Video Access

- Stainless Steel
- High quality handset
- 70m distance
- Up to 3 handsets / 2 entrances
- Surface or flush mount



STAINLESS  
STEEL  
– 316/304 –



# CCL-SSVC2-CK

## Hands Free Colour Video Access



| H   | W   | D  |
|-----|-----|----|
| 160 | 245 | 18 |



| PRODUCT    | H   | W   | D  |
|------------|-----|-----|----|
| CALL PANEL | 204 | 150 | 43 |
| MONITOR    | 243 | 198 | 79 |

### OPTIONS

SAC551C-CK



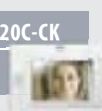
SAC551-SH



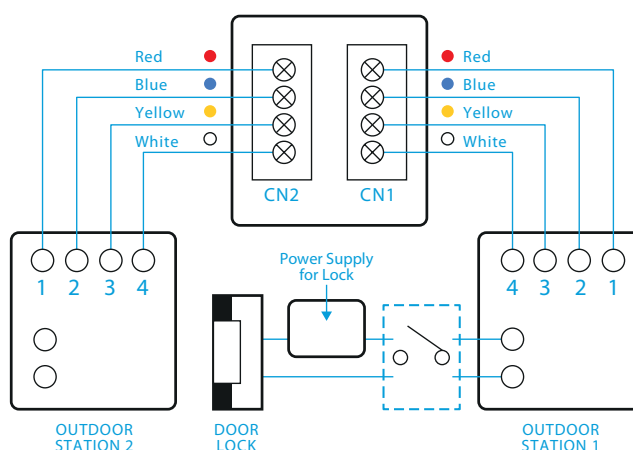
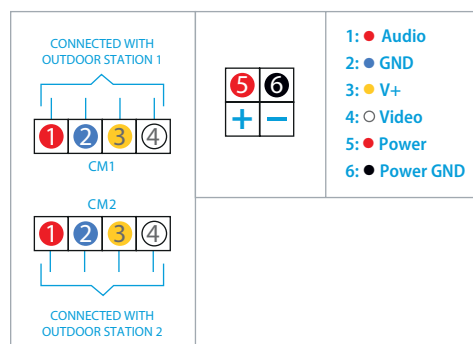
MT200C-CK



MT320C-CK



MT-RELAY





# CCL-SSVCK1-CK

## Colour Video Access

- Stainless Steel
- High quality handset
- 70m distance
- Keypad access
- Up to 3 handsets / 2 entrances
- Surface or flush mount



STAINLESS  
STEEL  
- 316/304 -



# CCL-SSVCK2-CK

## Hands Free Colour Video Access



| H   | W   | D  |
|-----|-----|----|
| 160 | 245 | 18 |



| PRODUCT    | H   | W   | D  |
|------------|-----|-----|----|
| CALL PANEL | 250 | 120 | 43 |
| MONITOR    | 243 | 198 | 79 |

### OPTIONS

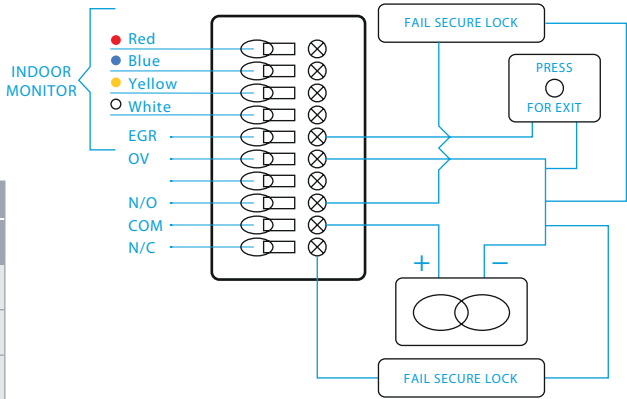
SAC561C-CK

SAC561-SH

MT200C-CK

MT320C-CK

| RANGE OF VIDEO |          |
|----------------|----------|
| CABLE DIAMETER | DISTANCE |
| 0.2²mm         | 28       |
| 0.3²mm         | 50       |
| 0.5²mm         | 70       |



● RED

● BLUE

● YELLOW

○ WHITE

= AUDIO

= GND

=V+

= AUDIO

The keypad will not operate until the power for the lock is applied.



# ACO Series

## Audio System

- Stainless Steel
- 2 wire digital
- Surface or flush mount
- Up to 300 metres distance
- No limit to handsets
- Up to 2 entrances

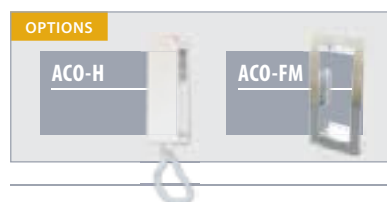


STAINLESS  
STEEL  
- 316 -



DIGITAL  
WIRE  
- 2 -

| H   | W  | D  |
|-----|----|----|
| 175 | 70 | 35 |



### ACO-A2

- 2 Call Buttons

### ACO-A2K

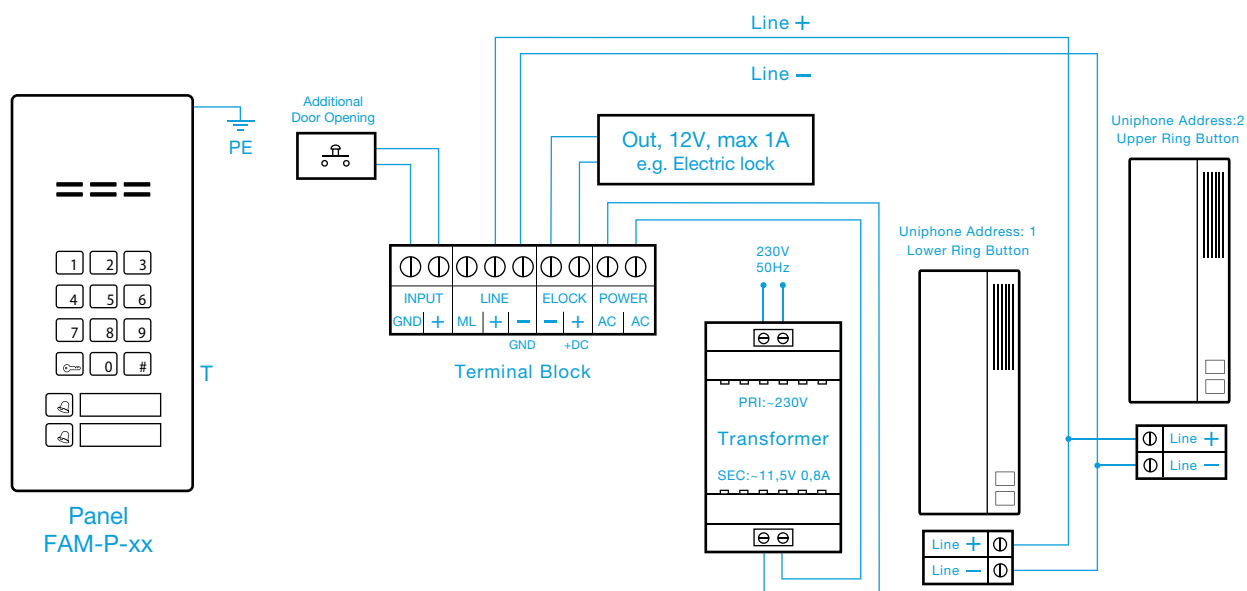
- Key Pad
- 2 Call Buttons

### ACO-A1

- Call Button

### ACO-A1K

- Key Pad
- Call Button



# DP-101

## Audio Entry Kit

- Stainless Steel
- Vandal resistant
- Integral 20 user code pad
- Backlit buttons
- Surface mount
- Up to 3 handsets
- LED indication

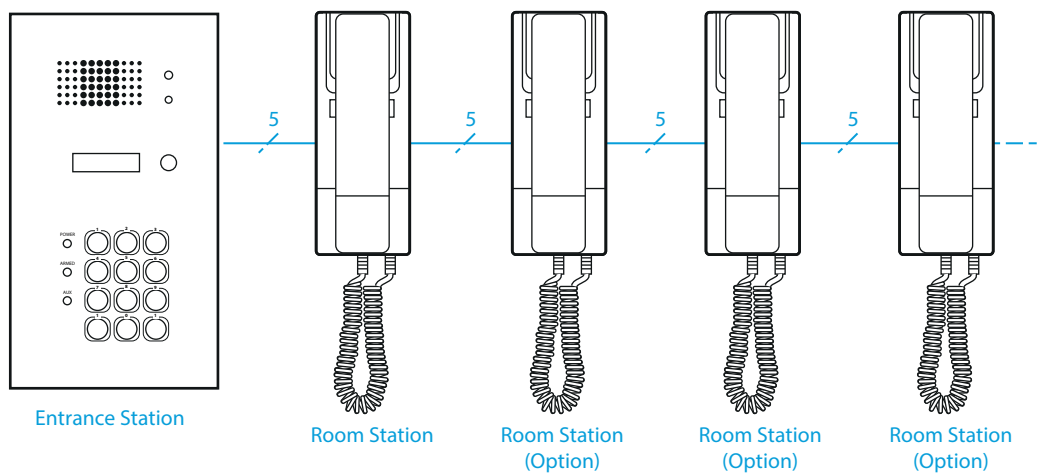
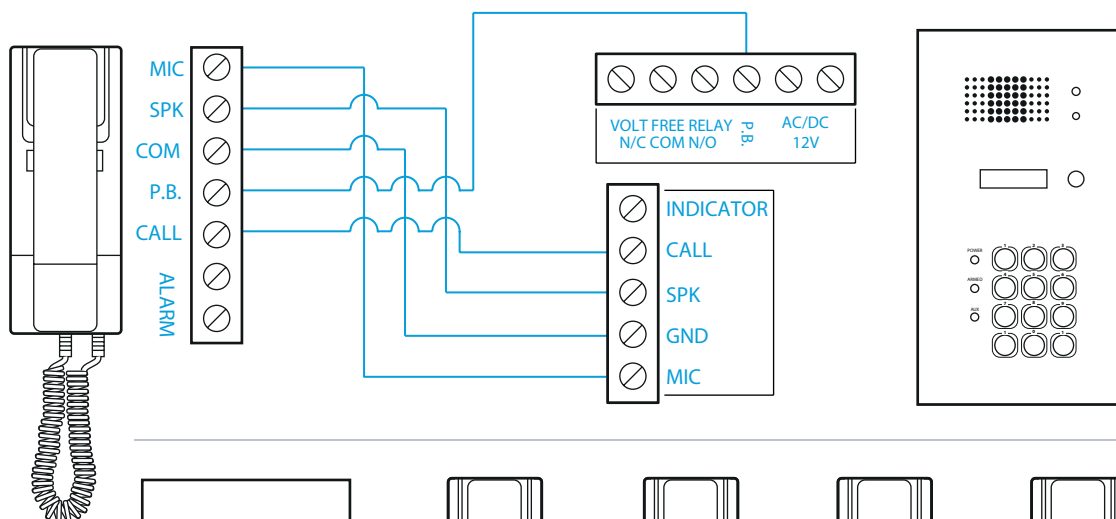
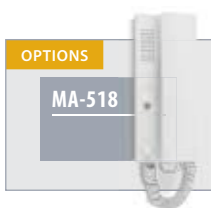
| H   | W   | D  |
|-----|-----|----|
| 128 | 232 | 40 |



STAINLESS  
STEEL  
– 316/304 –



VANDAL  
RESISTANT



# Create your own solutions...

Design your own multiway door entry system up to 12 way, with CCL a customisable door entry system with interchangeable modules.

## CCL

### Modular Colour Video Entry System

A customisable video door entry system with interchangeable modules including keypad, fingerprint and proximity readers and up to 12 way.

- Stainless Steel
- Metal surface housing
- Surface or flush mount
- Up to 2 entrances
- Handsets and/or hands free monitors
- Up to 12 way



STAINLESS  
STEEL  
– 304 –



WIRE  
– 4 –



VANDAL  
RESISTANT



UP TO  
– 12 –  
WAY

| PANELS    | H   | W   | D  |
|-----------|-----|-----|----|
| CCL-SH-2M | 200 | 110 | 50 |
| CCL-SH-3M | 285 | 110 | 50 |

| MONITORS  | H   | W   | D  |
|-----------|-----|-----|----|
| MT200C-CK | 243 | 198 | 79 |
| MT320C-CK | 160 | 245 | 18 |



MT200C-CK



MT320C-CK



CCL-SH-2M



CCL-SH-3M

#### HOW TO SPECIFY

**K** KEYPAD or **P** PROXIMITY READER or **F** FINGERPRINT READER

CCL **2W** COL **K** **HF**

NUMBER OF  
CALL POINTS

**HS** HANDSET  
**HF** HANDS FREE



**K** KEYPAD



**P** PROXIMITY READER



**HS** HANDSET



**HF** HANDS FREE



**F** FINGERPRINT READER



BUTTON MODULE

# ...Whatever your requirements!

With a choice of Keypad, Fingerprint or Proximity Reader Modules.



# CCL Button Module

## Stainless Steel Modular Video

| MODULAR VIDEO WITH HANDSET |     |     |    |
|----------------------------|-----|-----|----|
| CCL                        | 2W  | COL | HS |
| CCL                        | 3W  | COL | HS |
| CCL                        | 4W  | COL | HS |
| CCL                        | 5W  | COL | HS |
| CCL                        | 6W  | COL | HS |
| CCL                        | 7W  | COL | HS |
| CCL                        | 8W  | COL | HS |
| CCL                        | 9W  | COL | HS |
| CCL                        | 10W | COL | HS |
| CCL                        | 11W | COL | HS |
| CCL                        | 12W | COL | HS |



HS HANDSET

| MODULAR VIDEO HANDS FREE |     |     |    |
|--------------------------|-----|-----|----|
| CCL                      | 2W  | COL | HF |
| CCL                      | 3W  | COL | HF |
| CCL                      | 4W  | COL | HF |
| CCL                      | 5W  | COL | HF |
| CCL                      | 6W  | COL | HF |
| CCL                      | 7W  | COL | HF |
| CCL                      | 8W  | COL | HF |
| CCL                      | 9W  | COL | HF |
| CCL                      | 10W | COL | HF |
| CCL                      | 11W | COL | HF |
| CCL                      | 12W | COL | HF |



HF HANDS FREE



BUTTON MODULE



BUTTON MODULE

OPTIONS

CCL-SH-2M



# CCL Keypad Module

## Stainless Steel Modular Video

| MODULAR VIDEO WITH HANDSET |     |     |   |    |
|----------------------------|-----|-----|---|----|
| CCL                        | 2W  | COL | K | HS |
| CCL                        | 3W  | COL | K | HS |
| CCL                        | 4W  | COL | K | HS |
| CCL                        | 5W  | COL | K | HS |
| CCL                        | 6W  | COL | K | HS |
| CCL                        | 7W  | COL | K | HS |
| CCL                        | 8W  | COL | K | HS |
| CCL                        | 9W  | COL | K | HS |
| CCL                        | 10W | COL | K | HS |
| CCL                        | 11W | COL | K | HS |
| CCL                        | 12W | COL | K | HS |



HS HANDSET

| MODULAR VIDEO HANDS FREE |     |     |   |    |
|--------------------------|-----|-----|---|----|
| CCL                      | 2W  | COL | K | HF |
| CCL                      | 3W  | COL | K | HF |
| CCL                      | 4W  | COL | K | HF |
| CCL                      | 5W  | COL | K | HF |
| CCL                      | 6W  | COL | K | HF |
| CCL                      | 7W  | COL | K | HF |
| CCL                      | 8W  | COL | K | HF |
| CCL                      | 9W  | COL | K | HF |
| CCL                      | 10W | COL | K | HF |
| CCL                      | 11W | COL | K | HF |
| CCL                      | 12W | COL | K | HF |



HF HANDS FREE



K KEYPAD



K KEYPAD

OPTIONS

CCL-SH-3M





# CCL Fingerprint Reader

## Stainless Steel Modular Video

| MODULAR VIDEO WITH HANDSET |     |     |   |    |
|----------------------------|-----|-----|---|----|
| CCL                        | 2W  | COL | F | HS |
| CCL                        | 3W  | COL | F | HS |
| CCL                        | 4W  | COL | F | HS |
| CCL                        | 5W  | COL | F | HS |
| CCL                        | 6W  | COL | F | HS |
| CCL                        | 7W  | COL | F | HS |
| CCL                        | 8W  | COL | F | HS |
| CCL                        | 9W  | COL | F | HS |
| CCL                        | 10W | COL | F | HS |
| CCL                        | 11W | COL | F | HS |
| CCL                        | 12W | COL | F | HS |



**HS** HANDSET

| MODULAR VIDEO HANDS FREE |     |     |   |    |
|--------------------------|-----|-----|---|----|
| CCL                      | 2W  | COL | F | HF |
| CCL                      | 3W  | COL | F | HF |
| CCL                      | 4W  | COL | F | HF |
| CCL                      | 5W  | COL | F | HF |
| CCL                      | 6W  | COL | F | HF |
| CCL                      | 7W  | COL | F | HF |
| CCL                      | 8W  | COL | F | HF |
| CCL                      | 9W  | COL | F | HF |
| CCL                      | 10W | COL | F | HF |
| CCL                      | 11W | COL | F | HF |
| CCL                      | 12W | COL | F | HF |



**HF** HANDS FREE



**F** FINGERPRINT READER



**F** FINGERPRINT READER

### OPTIONS

CCL-SH-3M



# CCL Proximity Reader

## Stainless Steel Modular Video

| MODULAR VIDEO WITH HANDSET |     |     |   |    |
|----------------------------|-----|-----|---|----|
| CCL                        | 2W  | COL | P | HS |
| CCL                        | 3W  | COL | P | HS |
| CCL                        | 4W  | COL | P | HS |
| CCL                        | 5W  | COL | P | HS |
| CCL                        | 6W  | COL | P | HS |
| CCL                        | 7W  | COL | P | HS |
| CCL                        | 8W  | COL | P | HS |
| CCL                        | 9W  | COL | P | HS |
| CCL                        | 10W | COL | P | HS |
| CCL                        | 11W | COL | P | HS |
| CCL                        | 12W | COL | P | HS |

**HS** HANDSET

| MODULAR VIDEO HANDS FREE |     |     |   |    |
|--------------------------|-----|-----|---|----|
| CCL                      | 2W  | COL | P | HF |
| CCL                      | 3W  | COL | P | HF |
| CCL                      | 4W  | COL | P | HF |
| CCL                      | 5W  | COL | P | HF |
| CCL                      | 6W  | COL | P | HF |
| CCL                      | 7W  | COL | P | HF |
| CCL                      | 8W  | COL | P | HF |
| CCL                      | 9W  | COL | P | HF |
| CCL                      | 10W | COL | P | HF |
| CCL                      | 11W | COL | P | HF |
| CCL                      | 12W | COL | P | HF |

**HF** HANDS FREE



**P** PROXIMITY READER



**P** PROXIMITY READER



**HS** HANDSET



**HF** HANDS FREE

### OPTIONS

STD-PC



STD-PCPS



KT-10BC



KT-15EM



KT-16



621-11



CCL-SH-3M



## Audio & Video

### Monitors and Handsets

A comprehensive range of accessories and add-ons to compliment our range of Audio and Video products.



**MA-518**

Handset.



**ACO-H**

Handset.



**MT200C-CK**

Handset & Colour  
Monitor.



**MT320C-CK**

7" Handsfree.  
Colour.



**SAC5C-CK**

Colour Audio &  
Video Entry Panel.



**SAC50C-CK**

Colour Audio &  
Video Entry Panel.



**SAC561C-CK**

Colour Audio &  
Video Entry Panel.



**SAC561-SH**

Surface Box.



**SAC551C-CK**

Colour Audio &  
Video Entry Panel.



**SAC551-SH**

Surface Box.



**ACO-FM**

Flush Mount.



# ELEC-DV1

## Peep Hole Door Viewer Kit

**At last a door viewer with a difference.**  
No more hard to view angles, or your face pushed against the door. Just stand back and view the 3.5"Screen for a clear view of who is outside.

- Peephole barrel: 12 to 30mm
- Fits door from 35 to 65mm thick
- View Angle: 120°
- 1/2 COMS
- 3.5" TFT (300,000 Pixels)
- 16 selectable chimes
- 'Do not disturb' function
- 3 AA batteries

| PRODUCT   | H  | W   | D   |
|-----------|----|-----|-----|
| DOOR BELL | 20 | 60  | 60  |
| MONITOR   | 30 | 155 | 105 |



DIY INSTALL

# Video DB100

## WiFi Video Doorbell

- Rechargeable battery or hardwire power supply 8 or 24Vac
- 1280 x 720px image quality
- 8G Kingston TF Card
- Low power consumption
- 6 Meter infra-red night vision
- PIR motion sensor 120° detection angle
- 166° Wide angle lens
- 2 way audio with noise cancellation
- WiFi 2.4GHz

| H   | W  | D  |
|-----|----|----|
| 145 | 75 | 25 |



INFRA-RED

OPTIONS

DD100



SPECIFICATION

- Current draw: Working mode 170mA, Standby mode 200uA
- ISP Hisilicon Hi3518E
- 1/4 CMOS OV9732 Sensor
- 1 Mega-Pixel Resolution
- 25fps frame rate
- Apps in app store or google play
- Device wake up within 600ms
- Push notification within 1 second
- 2 x Standard rechargeable 18650 batteries
- Operating temperature: -20~55°C (-4 to 131°F).
- Humidity: 10~95% non-condensing.
- Weight: 300g (approx).

# DD100

## Wireless Doorbell Chime

- Easy to install and use
- Pairing in seconds
- 5 Levels volume control
- Max volume: 110 decibels
- 55 Ringtones with LED indicator
- No batteries, low power consumption
- Compatible with smart video doorbells



**TO ORDER**

# You're safe ordering with ICS Security Solutions?

*ICS are importers and manufacturers of security equipment. We have over 50 years of knowledge and experience in the industry, including 15 years of working onsite in installation environments.*



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Contact our dedicated technical and sales team by any of the means below before 4pm, and your order will be dispatched on our next day Standard Delivery Service to be with you by 6pm.



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**Fax: 01604 859545**



**Email: [orderline@icssecurity.co.uk](mailto:orderline@icssecurity.co.uk)**



**Up to 6.00pm**

**REQUIRE DELIVERY BEFORE 6PM, THEN WHY NOT UPGRADE TO ONE OF OUR EXPRESS SERVICES.**



**NOTE: All prices for packages up to 60kg.**

Please call ICS for our most up to date Standard and Express delivery charges.

*"Setting the Standard in Access Control"*



# SETTING THE STANDARD IN ACCESS CONTROL



FIRE RATED

ACCESS CONTROL

ADDITIONAL EQUIPMENT



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## ICS Security Solutions Ltd - Setting the Standard in Access Control

Units 1-2 JBJ Business Park Northampton Road Blisworth Northampton NN7 3DW  
Telephone: 01604 879300 Facsimile: 01604 859545 Email: [orderline@icssecurity.co.uk](mailto:orderline@icssecurity.co.uk)

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ISSUE 19

EXIT DEVICES

ELECTRIC LOCKING

AUDIO & VIDEO ENTRY

FIRE RATED

ACCESS CONTROL

ADDITIONAL EQUIPMENT

# ICS SECURITY SOLUTIONS | SETTING THE STANDARD IN ACCESS CONTROL

EXIT DEVICES

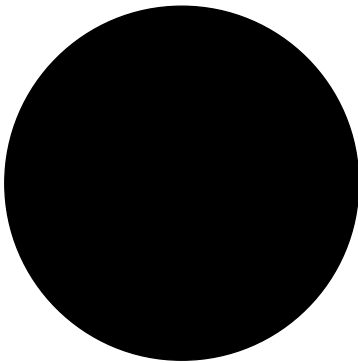
ELECTRIC LOCKING

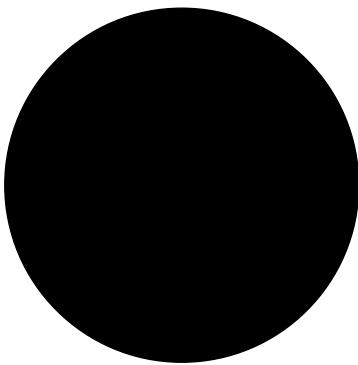
AUDIO & VIDEO ENTRY



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