

# Lock Releases & Door Hardware



Model 203



Model 204

The standard lock releases are designed to operate with night latch locks on timber framed doors. Each release is fabricated from a variety of materials;

- Main mechanism - plated zinc
- Latch - chrome-plated mazac zinc alloy.
- Faceplate - epoxy painted steel
- Side cover - stainless steel

### Standard Lock Release Models:

#### Model 203

This lock release is the standard unit included in all our door entry and access control systems. It is designed to match surface-mounted night-latch locks e.g. Union 1028 (an additional model INV203 inverter case is required for outward opening doors).

Operation: Surface Fail secure  
 Operating voltage: 12 V AC or DC  
 Coil impedance: 30 ohms  
 Current consumption: 400 mA  
 Pressure: withstands up to 300 Kg of impact (breakdown at 600 Kg)

#### Model 204

The model 204 lock release is designed to complement morticed night-latch locks e.g. Union 2332 (a model 321 escutcheon plate is required for outward opening doors).

Operation: Mortice Fail secure  
 Operating voltage: 12 V AC or DC  
 Coil impedance: 30 ohms  
 Current consumption: 400 mA  
 Pressure: withstands up to 300 Kg of impact (breakdown at 600 Kg)

#### Model 210

The model 210 has two face-plates to cover both the 203 and 204 release applications making it ideal for distribution.

Operation: Surface or Mortice Fail secure  
 Operating voltage: 12 V AC or DC  
 Coil impedance: 30 ohms  
 Current consumption: 400 mA  
 Pressure: withstands up to 300 Kg of impact (breakdown at 600 Kg)

#### Model 206

The model 206 is used for FAILSAFE applications, i.e. it requires continuous power to remain locked and in the event of a power failure the release is opened. These releases can be directly connected to the FAILSAFE outputs of our Access Control systems but a suitable 12V DC power supply and relay may be required when connecting to a standard door entry telephone system. Agreement must be given from a Fire Officer when installing these releases to Fire Doors. There are two models; 12V DC or 24V DC.

Operation: Surface or Mortice Fail safe  
 Operating voltage: 12 V DC or 24 V DC  
 Coil impedance: 60 ohms or 220 ohms  
 Current consumption: 200 mA at 12 V DC  
 110 mA at 24 V DC  
 Pressure: withstands up to 300 Kg of impact (breakdown at 600 Kg)

#### Model 209

With its 60 ohm coil this release is continuously rated and can be used on systems where the release needs to be activated for a prolonged period. There are two models; either 12V DC or 24V DC.

Operation: Surface or Mortice Fail secure  
 Operating voltage: 12 V DC or 24 V DC  
 Coil impedance: 60 ohms or 220 ohms  
 Current consumption: 110 mA at 12 V DC  
 400 mA at 24 V DC  
 Pressure: withstands up to 300 Kg of impact (breakdown at 600 Kg)

#### Model 205

This release remains open when activated from a momentary trigger and will only lock when the door has been opened and shut. This is ideal when controlling access at a lobby door or when the door is a long distance away for the visitor.

Operation: Surface or Mortice Fail secure  
 Operating voltage: 12 V AC or DC  
 Coil impedance: 30 ohms  
 Current consumption: 400 mA  
 Pressure: withstands up to 300 Kg of impact (breakdown at 600 Kg)

#### Model 202

This release is of similar specification to the model 203 but is housed in a one-piece metal enclosure for neat surface mounting. It is finished in a powder coat in either white or brown.

Operation: Surface Fail secure  
 Operating voltage: 12 V AC or DC  
 Coil impedance: 30 ohms  
 Current consumption: 400 mA  
 Pressure: withstands up to 300 Kg of impact (breakdown at 600 Kg)

obsolete



## Heavy Duty Mortise Lock Releases

### Model 2208

This lock release is ideal for those doors that may be prone to constant use since it has an increased loading force over the standard range. It works with morticed night-latch locks e.g Union 2332 (a model 321 escutcheon plate is required for outward opening doors).

Operation: Mortice Fail secure  
 Operating voltage: 12 V AC or DC  
 Coil impedance: 20 ohms  
 Current consumption: 600 mA  
 Pressure: withstands up to 500 Kg of impact  
 (breakdown at 1000 Kg)

### Model 2208F

This failsafe lock release is ideal for those doors that may be prone to constant use since it has an increased loading force over the standard range. It works with morticed night-latch locks e.g Union 2332 (a model 321 escutcheon plate is required for outward opening doors).

Operation: Mortice Fail safe  
 Operating voltage: 12 V DC  
 Coil impedance: 70 ohms  
 Current consumption: 170 mA  
 Pressure: withstands up to 500 Kg of impact  
 (breakdown at 1000 Kg)

### Model 2208M

This failsecure release includes a N/O (normally open) and a N/C (normally closed) contact for door monitoring purposes. This is a suitable for connecting to a remote alarm system or for use with our model 500LX telephones.

Operation: Mortice Fail secure  
 Operating voltage: 12 V AC or DC  
 Coil impedance: 70 ohms  
 Current consumption: 170 mA  
 Pressure: withstands up to 500 Kg of impact  
 (breakdown at 1000 Kg)

### Model 2208FM

This failsafe release includes a N/O (normally open) and a N/C (normally closed) contact for door monitoring purposes. This is a suitable for connecting to a remote alarm system or for use with our model 500LX telephones.

Operation: Mortice Fail safe  
 Operating voltage: 12 V DC  
 Coil impedance: 70 ohms  
 Current consumption: 170 mA  
 Pressure: withstands up to 500 Kg of impact  
 (breakdown at 1000 Kg)

Model 2208M

Model	12V AC	12V DC	Surface	Mortice	Fail-Secure	Fail-Safe	Continuously Rated	Monitor Switch	Delayed Action	Heavy Duty
202	✓	✓	✓		✓					
203	✓	✓	✓		✓					
204	✓	✓		✓	✓					
205	✓	✓	✓	✓	✓				✓	
206		✓	✓	✓		✓	✓			
209		✓	✓	✓	✓		✓			
210	✓	✓	✓	✓	✓					
2208	✓	✓		✓	✓					✓
2208 M	✓	✓		✓	✓			✓		✓
2208 F		✓		✓		✓	✓			✓
2208 FM		✓		✓		✓	✓	✓		✓



**Model 101 Case**

### Lock Release Accessories

#### Model 101 case

A surface fitting case that can be used when it is not possible to side fix a lock release plate to the door frame.



**Model 202 Case**

#### Model 202 Case

The case used in our model 202 lock release can be supplied for any of our standard lock releases to give a professional finish.



**321 escutcheon plate**

#### Model 321 escutcheon plate

These plates cover the lock area of a door when a mortice lock release is installed with a Union 2332 lock on an outward opening door. The installation of the model 321 helps prevent the insertion of a tool to force the release open.



**INV203 inverter case**

#### Model INV203 inverter case

Designed for converting a surface mounting lock release to work with a surface night-latch lock on an outward opening door.

#### Model 405 door contacts

These door contacts allow for the extension of connections from the door frame to an electric release mechanism on double leafed doors.

### Night latch Door Locks



**Union 1028**

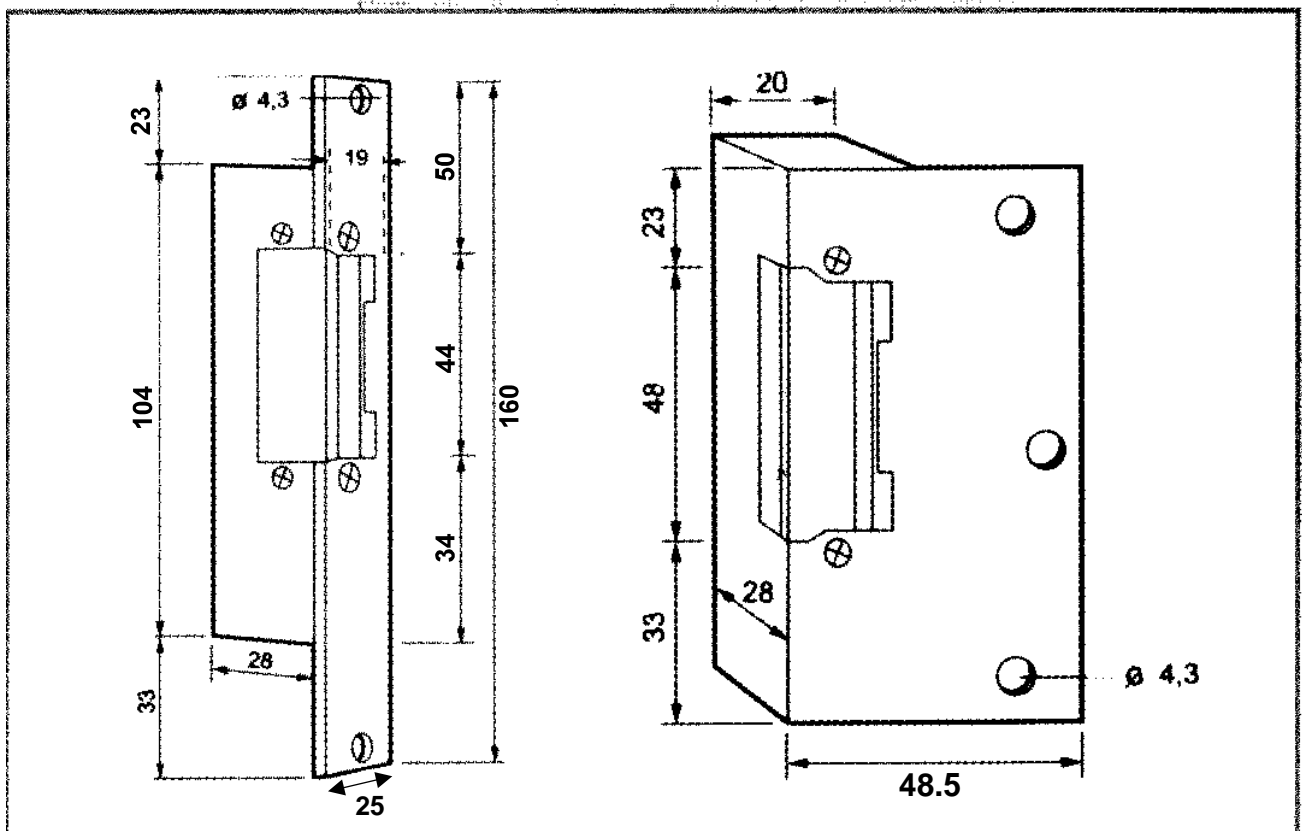
A surface night-latch lock designed for timber framed doors and suitable for installing with any of our surface lock releases. The lock is supplied with two keys. A model INV203 may be required when installing with a lock release on an outward opening door.



**Union 2332**

A morticed night-latch lock designed for timber framed doors and suitable for installing with any of our morticed lock releases. The lock is supplied with two keys. A model 321 escutcheon plate may be required when installing with a lock release on an outward opening door.

## General Lock Release Dimensions



### Models

204  
205 (Mortice fitting)  
206 (Mortice fitting)  
209 (Mortice fitting)  
210 (Mortice fitting)  
2208  
2208F  
2208FM

### Models

203  
205 (Surface fitting)  
206 (Surface fitting)  
209 (Surface fitting)  
210 (Surface fitting)