09/02/2010

Ins-30068 Fail closed 12V DC electric release kit

Technical Support

01273 811011 support@paxton-access.co.uk

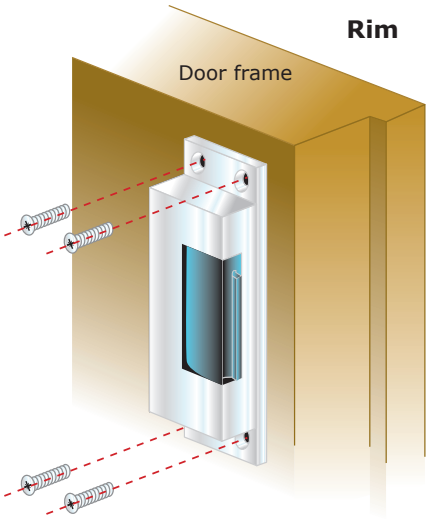
Technical help is available: Monday - Friday from 07:00 - 19:00 (GMT)
Saturday from 09:00 - 13:00 (GMT)

Documentation on all Paxton products can be found on our website - http://www.paxton.co.uk/

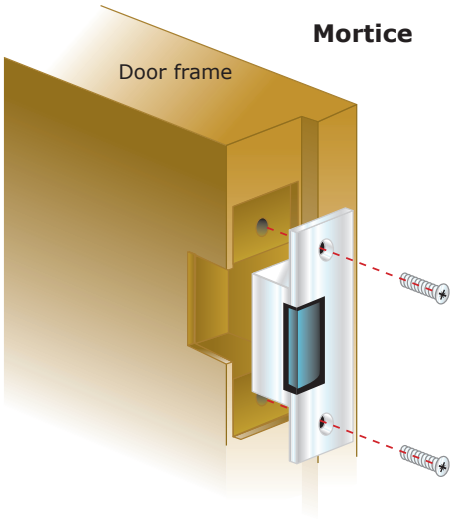
Fail closed release - If there is no power supplied to the lock, the door is locked.

Operation - The unit is designed to operate at 12V DC continuous or non-continous operation.

Fitting

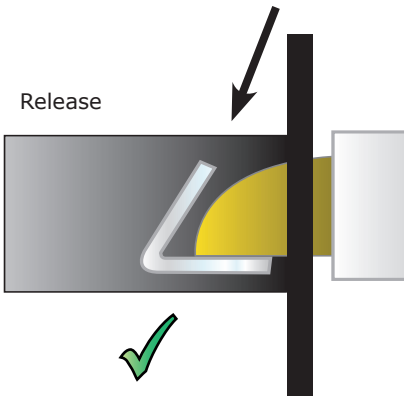


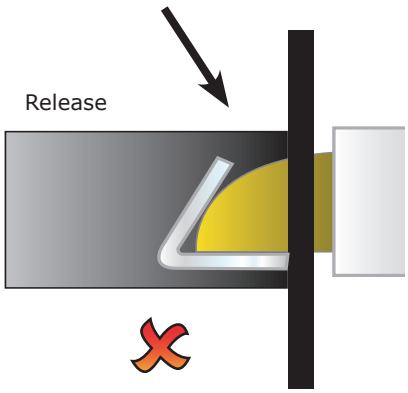
Cover screws



8 x 1” countersink screws

Ensure that the latch is not a tight fit against the rotating release or it may cause the mechanism to jam.



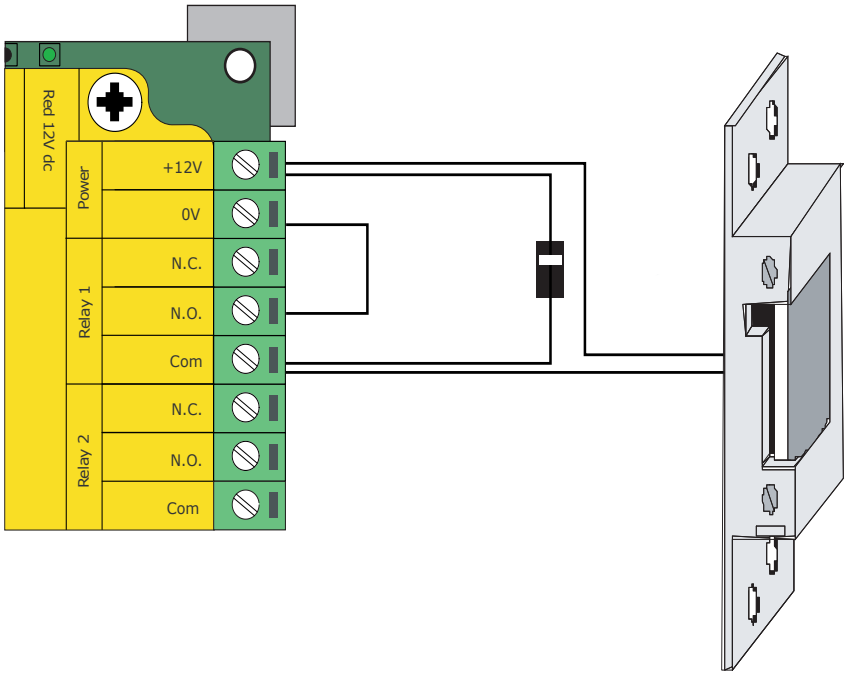


1. Remove the cover of the electric release and connect the 2 core cables to the terminals inside the release. (polarity is not important)

2. Replace the cover. If you are using the rim fitting, do not refit the side plate - this must be discarded.

3. Rim: Secure the release on the door jamb using the cover and screws provided.
   Mortice: Secure the release into the door jamb using the countersink screws provided.

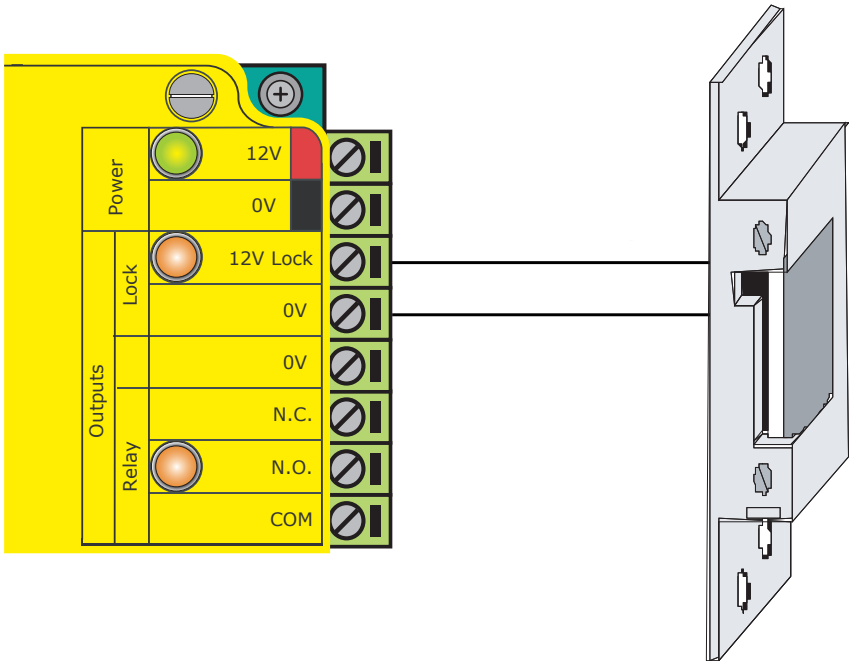
Lock wiring - Relay output



The lock is wired across 12V and COM. A 0V link is then required between 0V and N.O. to complete the circuit.

A diode is supplied which should be fitted across 12V and COM (Silver end to 12V) to protect the relay contacts.

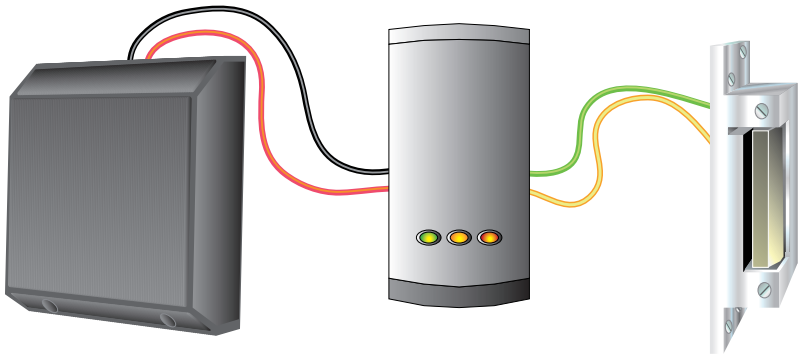
Net2 nano control unit



The lock is wired across the 12V Lock and 0V terminals. No diode or additonal wiring is required.

Set the ‘Lock output’ to ‘Door lock’ and set the release type to fail locked, fail unlocked, or toggle.

Wiring - Compact Series - 2005



Power supply in plastic housing

This range of Keypad, Proximity and Cardlock readers uses Yellow (12V) and Green (0V switched) wires for the lock. These compact units can drive up to 1A.

Wiring - Compact Series - 1999

This range of Keypad, Proximity and Cardlock readers uses a pair of White lock wires to drive up to 500 mA continuous (750 mA up to 7 seconds). The 12V wire is identified by being ribbed or striped.

Specifications			
Electrical	Min	Max	
Voltage	11V DC	14V DC	
Current		250 mA	
Dimensions	Width	Height	Depth
Release	25 mm	159 mm	31 mm