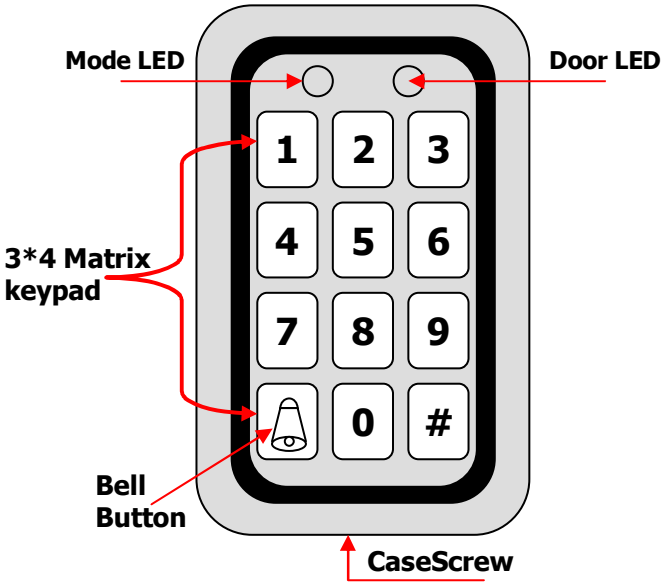
DG500
Digital Keypad
& Proximity Reader



KEY FEATURES:

- Built in Proximity Reader
- Built in Keypad for Code entry
- 500 user codes
- Illuminated Keys
- Auxiliary Input & Auxiliary Output
- Individually programmable Output
- 12vDC operation
- 2 Open door Modes (code only – card only)
- 1 Secure door mode (card & pin)
- Internal & external use
- Metal case construction

TAG & 26-Bit EM Card

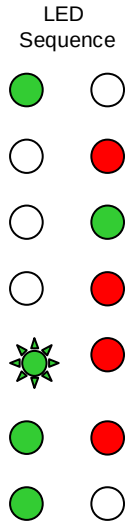
Technical Specification
Operating Voltage: 12vDC
Current: 130mA

Built –in Proximity reader
Compatible Cards All 26-Bit EM Cards.

Size
120 Long x 76 Wide x 27 High Dim in mm

DG500 KEYPAD PROGRAMMING INSTRUCTIONS

(How to programme 4 digit PIN NUMBER)



Apply 12vDC LH Green ----------

Press # (2 seconds) RH light turns Red ----------

Enter 1234 RH lights turns----------

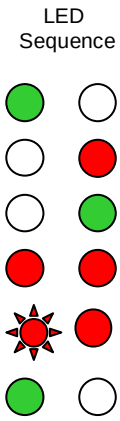
Enter 7 RH light turns ----------

Create a user code 3 figures (001 to 500) LH flashing (Green) RH (Red)

Create a pin for user LH turns Green RH turns Red ----------

Press # (2 seconds) LH turns Green ----------

(How to Delete Pin)



Keypad powered with 12vDC LH light Green ----------

Press # (2 seconds) RH light turns Red ----------

Enter 1234 LH light turns Green ----------

Enter 8 Both LH & RH lights turn Red ----------

Enter 3 digit user code (one to be removed) LH flashing Red

Enter 1234 to confirm LH light turns Green ----------

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LED out ----------

LED Green solid ------

LED Green flashing --

LED Red solid ---------

LED Red flashing -----

DG500 KEYPAD PROGRAMMING INSTRUCTIONS

(How to Insert Proximity Card EM Type)

LED Sequence

Apply 12vDC LH Green ----------

Press # (2 seconds) RH light turns Red ----------

Enter 1234 RH lights turns Green ----------

Enter 7 RH light turns Red ----------

Create a user code 3 figures (001 to 500) LH flashing (Green) RH (Red)

Show EM Card to Keypad LH Green RH Red ----------

Press # (2 seconds) LH light turns Green ----------

(How to Delete Card)

LED Sequence

Keypad powered with 12vDC LH light Green ----------

Press # (2 seconds) RH light turns Red ----------

Enter 1234 LH light turns Green ----------

Enter 8 Both LH & RH lights turn Red ----------

Enter 3 digit user code (one to be removed) LH flashing Red

Enter 1234 to confirm LH light turns Green ----------

Index

LED out ----------

LED Green solid ------

LED Green flashing --

LED Red solid ---------

LED Red flashing -----

DG500 KEYPAD PROGRAMMING INSTRUCTIONS

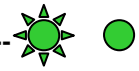
How to change Relay One

LED Sequence

Apply 12vDc – LH Green ---------- 

Press # (2 Seconds) RH turns Red---------- 

Enter 1234 RH turns green ---------- 

Enter 6 LH flashes Green RH Green ---------- 

Enter 00 + 01-99 sec bleeps twice LH turns green ----- 

00 denotes relay 1 next 2 digits sets time in seconds

How to change Relay Two

LED Sequence

Apply 12vDc – LH Green ---------- 

Press # (2 Seconds) RH turns Red---------- 

Enter 1234 RH turns green ---------- 

Enter 6 LH flashes Green RH Green ---------- 

Enter 10 + 01-99 sec bleeps twice LH turns green ----- 

10 denotes relay 2 next 2 digits sets time in seconds

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LED out ---------- 

LED Green solid ------ 

LED Green flashing -- 

LED Red solid --------- 

LED Red flashing ----- 

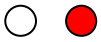
DG500 KEYPAD PROGRAMMING INSTRUCTIONS

OTHER INSTRUCTIONS YOU MAY NEED

FACTORY RESET

LED Sequence

Apply 12vDC LH LED is Green ---------- 

Enter # (2 seconds) RH LED turns RED ---------- 

Enter 1234 RH LED turns Green ---------- 

Enter 0 LH & RH LED turn RED both flashing---------- 

Enter 1234 LH LED turns Green ---------- 

LOCK STRIKE & AUXILIART RELAY CODE ASSIGNMENT

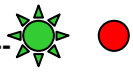
LED Sequence

Apply 12vDc – LH Green ---------- 

Press # (2 Seconds) RH turns Red---------- 

Enter 1234 RH turns green ---------- 

Enter 9 LH flashes Green RH Green ---------- 

Enter 3 digit user code you need to assign too --------- 

Enter assignment digit for current User Slot
(1) lock strike relay
(2) Auxiliary relay
(3) lock & Auxiliary

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LED out ---------- 

LED Green solid ------ 

LED Green flashing -- 

LED Red solid --------- 

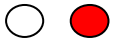
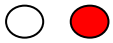
LED Red flashing ----- 

DG500 KEYPAD PROGRAMMING INSTRUCTIONS

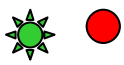
PROGRAMMING CARD & PIN FACILITY

PLEASE NOTE CARD AND PIN WILL ONLY WORK IN **SECURE MODE**

(How to Insert Proximity Card EM Type)

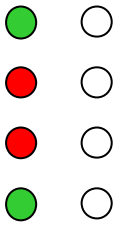
	LED Sequence
Apply 12vDC LH Green ----------	
Press # (2 seconds) RH light turns Red ----------	
Enter 1234 RH lights turns Green ----------	
Enter 7 RH light turns Red ----------	
Create a user code 3 figures (001 to 500) LH flashing (Green) RH (Red)	
Show EM Card to Keypad LH Green RH Red ----------	
Press # (2 seconds) LH light turns Green ----------	

(How to programme 4 digit PIN NUMBER)

	LED Sequence
Apply 12vDC LH Green ----------	
Press # (2 seconds) RH light turns Red ----------	
Enter 1234 RH lights turns----------	
Enter 7 RH light turns ----------	
Create a user code 3 figures (001 to 500) LH flashing (Green) RH (Red)	
Create a pin for user LH turns Green RH turns Red ----------	
Press # (2 seconds) LH turns Green ----------	

TO SWITCH KEYPAD FROM NORMAL MODE TO SECURE MODE

Keypad in normal mode
#3838#
revert back to normal mode
#3838#



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LED out ---------- 

LED Green solid ------ 

LED Green flashing -- 

LED Red solid --------- 

LED Red flashing ----- 

Programme DG500 latching mode.

To use latching mode you must use Auxiliary relay2

Stage1

for 2 seconds till red light comes on

1234

7

Create user code 3 figures (**001 to 500**)

Create pin for user 4 digit (**not 1234**)

till red light goes off

Stage 2

for 2 seconds till red light comes on

1234

9

Enter user code 3 figure number in stage 1

2

till red light goes off

Stage 3

till red light comes on

1234

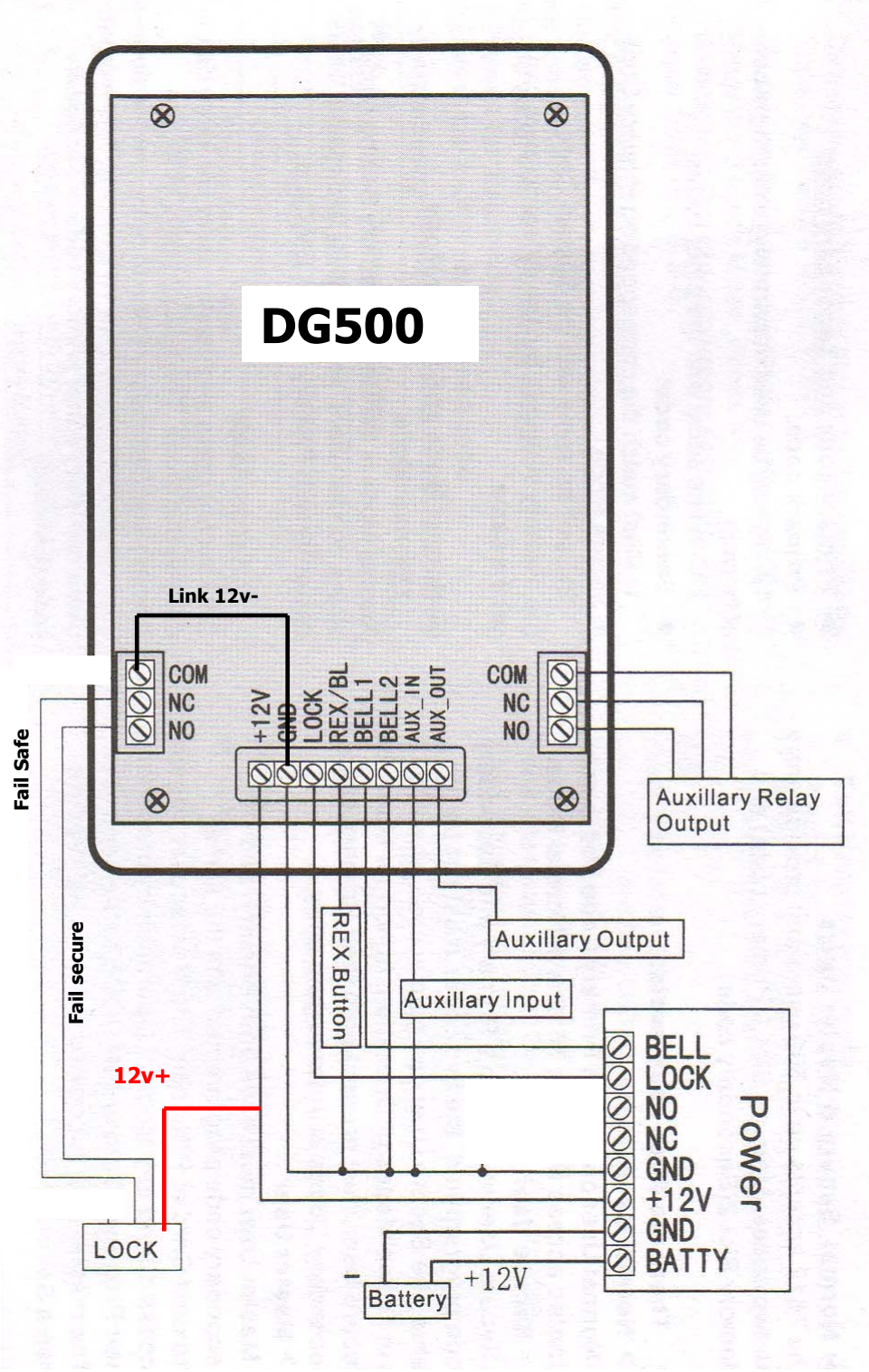
6

2000

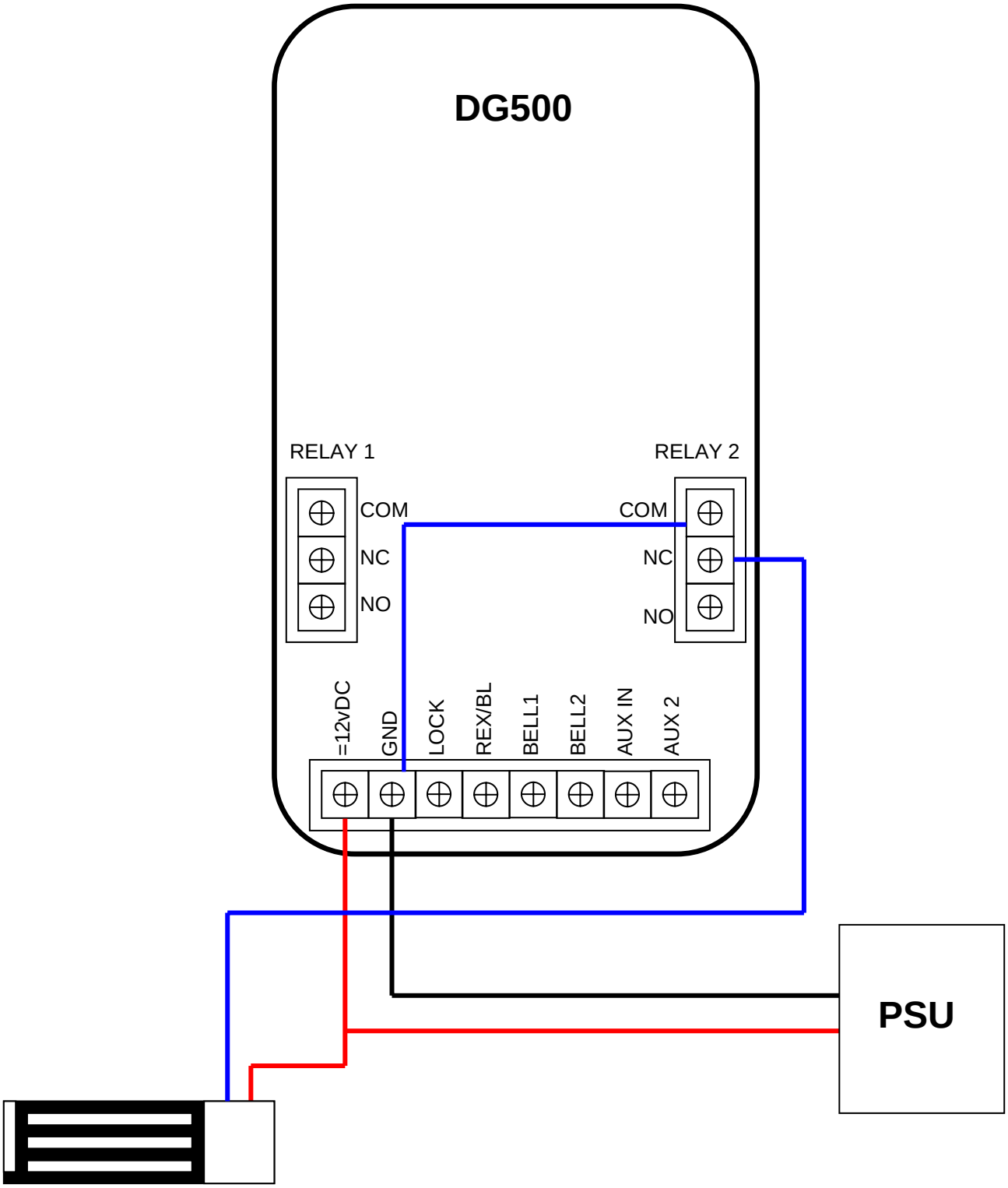
till red light goes off

When 4 figure number is put into key pad relay 2 opens

Relay is closed by putting on 4 figure number in again.

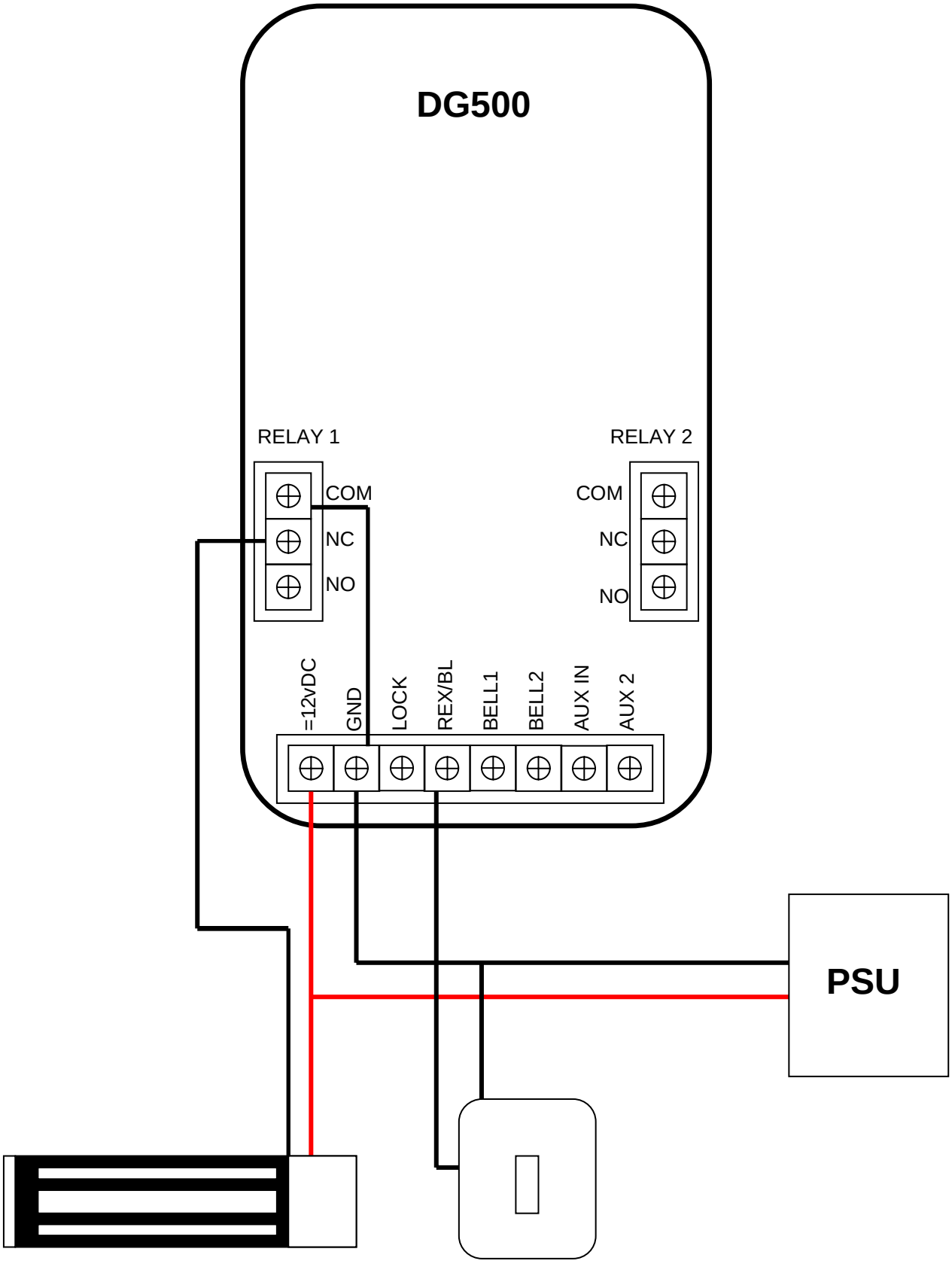

DG500
Link 12v-
COM
NC
NO
+12V
GND
LOCK
REX/BL
BELL1
BELL2
AUX_IN
AUX_OUT
COM
NC
NO
Auxillary Relay Output
Fail Safe
Fail secure
REX Button
Auxillary Output
Auxillary Input
12v+
BELL
LOCK
NO
NC
GND
+12V
GND
BATTY
Power
LOCK
Battery
+12V

Latching Wiring



Latching mode only through relay 2.

MAGNET WIRING



WIRING FAIL SECURE