

Reader Installation Instruction

NKY-5277-D Series

Wiring Diagram

NKY-5277 series are million sized surface mount readers with exit button input and both NO and NC relay outputs.

Exit button timing is fixed to 10sec.

Operating Voltage	12Vdc Only
Voltage Tolerance	±10%
Current Draw	12VDC/100mA
Operating Temperature	-10°C~+45°C
Humidity	0~95%
Dimensions	43mm (W) x 97mm (L) x 19mm (D)

nearkey



NKY-5277-D

Exit Button

Green:
Green:

Power Input

Constant 12Vdc

Red: +
Black: -

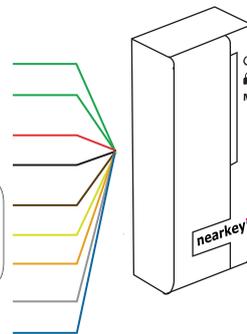
Relay Output

2A/30VDC

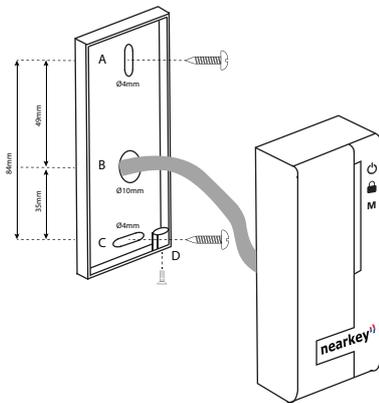
Brown: COM
Yellow: N.C.
Orange: N.O.

Not Used

White:
Blue:



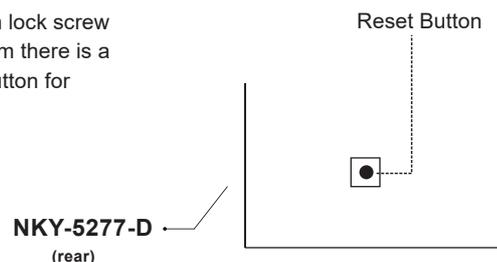
Installation Instructions



1. Remove the back plate from the unit
2. Drill 2 holes (A, C) on the wall for the screws and one hold for the cable (B)
3. Knock the supplied plugs into the screw holes (A, C)
4. Fix the back plate firmly on the wall with the 2 screws provided
5. Thread the cable through the cable hole (B) and terminate
6. Attach the unit to the back plate and screw the bottom lock screw in place (D)

Reset Nearkey Configuration

To reset your nearkey reader to factory default settings, unscrew the bottom lock screw and remove the unit from the back plate. On the rear of the unit at the bottom there is a reset push button. With the unit still powered up press and hold the reset button for 5secs then release.



Note

We recommend sealing the reader to the wall and the cable penetration from behind to mitigate against any moisture ingress and insects. We also recommend using the supplied varistors at both the lock and the reader relay output to protect the onboard relay circuit.