Wiring Diagram
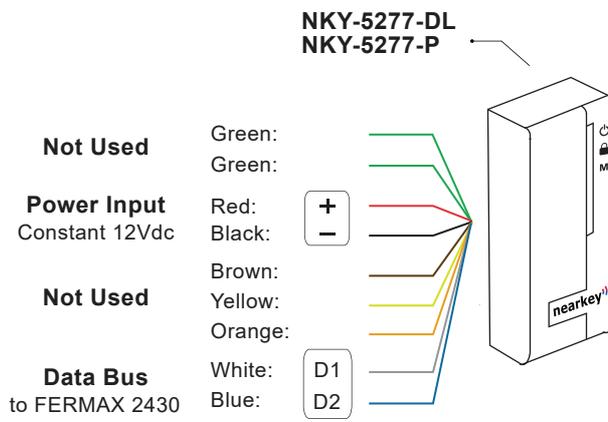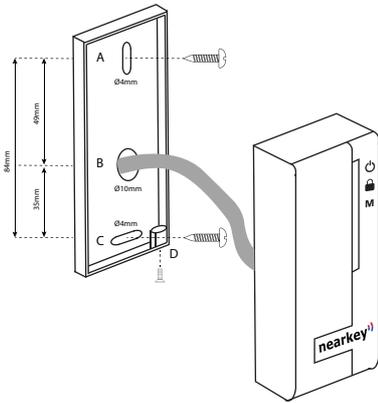
NKY-5277 series are mullion sized surface mount readers with data output to communicate with a FERMAX 2430 relay decoder.

Data Bus to be wired using RS-485 twisted shielded cable.

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

GET IT ON Google Play

Download on the App Store

**NKY-5277-DL
NKY-5277-P**

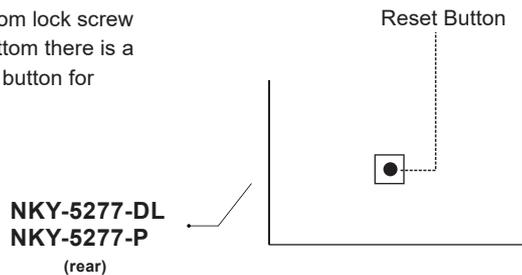|		
Not Used	Green:	
	Green:	
Power Input Constant 12Vdc	Red:	+
	Black:	−
Not Used	Brown:	
	Yellow:	
	Orange:	
Data Bus to FERMAX 2430	White:	D1
	Blue:	D2

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.

Reset Button

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⚠ **Note** We recommend sealing the reader to the wall and the cable penetration from behind to mitigate against any moisture ingress and insects.