Bosch 16i Alarm Panel

- ✓ **Keyswitch wiring**
- ✓ **Keyswitch programming**

Background: There are three (3) Outputs available.

- Outputs are 'Open Collector' @50mA switching negative - for heavier loads a relay must be used.
- Outputs can be used for e.g. Keyswitch, opening gates or doors etc.
- Ensure there is a common negative between Permaconn and the device being switched.
- The outputs can be Opened, Closed or Pulsed remotely using the Permaconn Atlas web portal.
- The Pocket Secure App can only 'Pulse' the Outputs. A Pulse is approx 1sec.

  Compatible with 'Pocket Secure' remote arming App, available on iTunes, Google Play and the Windows Phone Store.

- These outputs when wired to a Keyswitch zone on the Alarm Panel can arm & disarm up to a maximum of three (3) areas when using 'Pocket Secure' app.
- Each area should be independently controlled using a separate Keyswitch zone.
- Arm/Disarm reporting **MUST be Enabled**. Pocket Secure App requires this for its status notifications.
- Test each Output by placing the +ve leg of a multi meter on the +ve terminal that supplies power to the Permaconn, then place the -ve leg of a multi meter on the Output terminal you wish to test. Pulse the selected Output the result should go from 0v DC to 12v DC for approx 1sec and back to 0vDC.
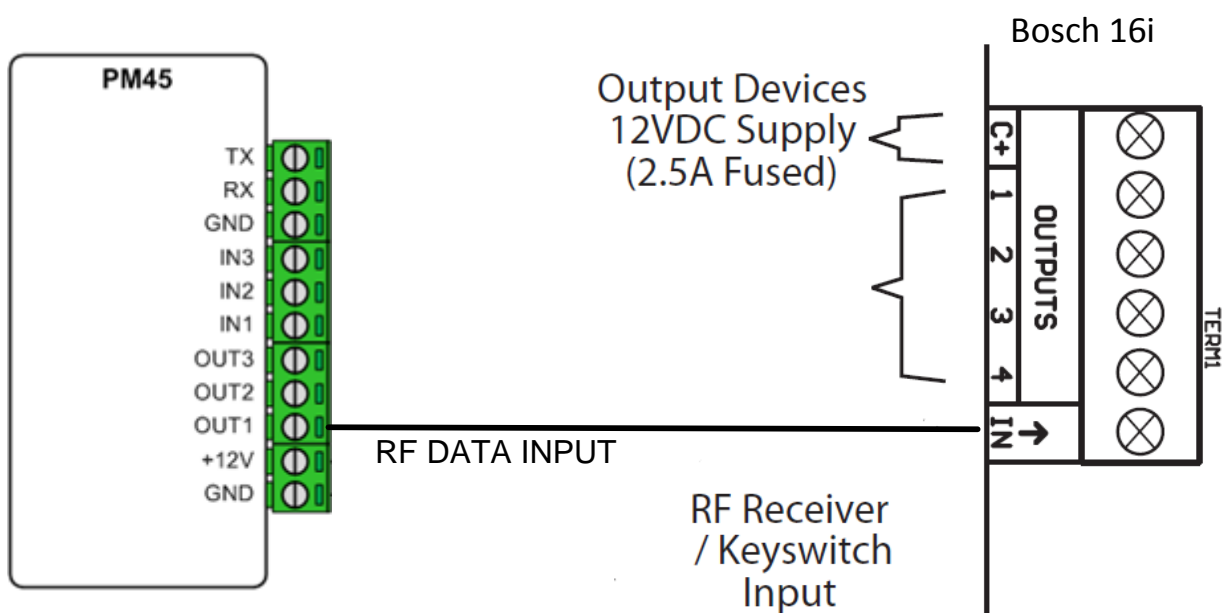

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Enter Program mode: Installer code (default 1234) + menu.
(Red and Green LED's on the keypad will flash indicating program mode).

Method 1: **Using RF Receiver 'Input'.**
Menu 3-5-0
Select 02 (Pulse On/Off).

E.g. 1: Using the RF Input terminal:

E.g. 2:- Using a Zone: Choose any hardwired zone 1-8, Zn Dbl 9-16 can be programmed as a keyswitch.

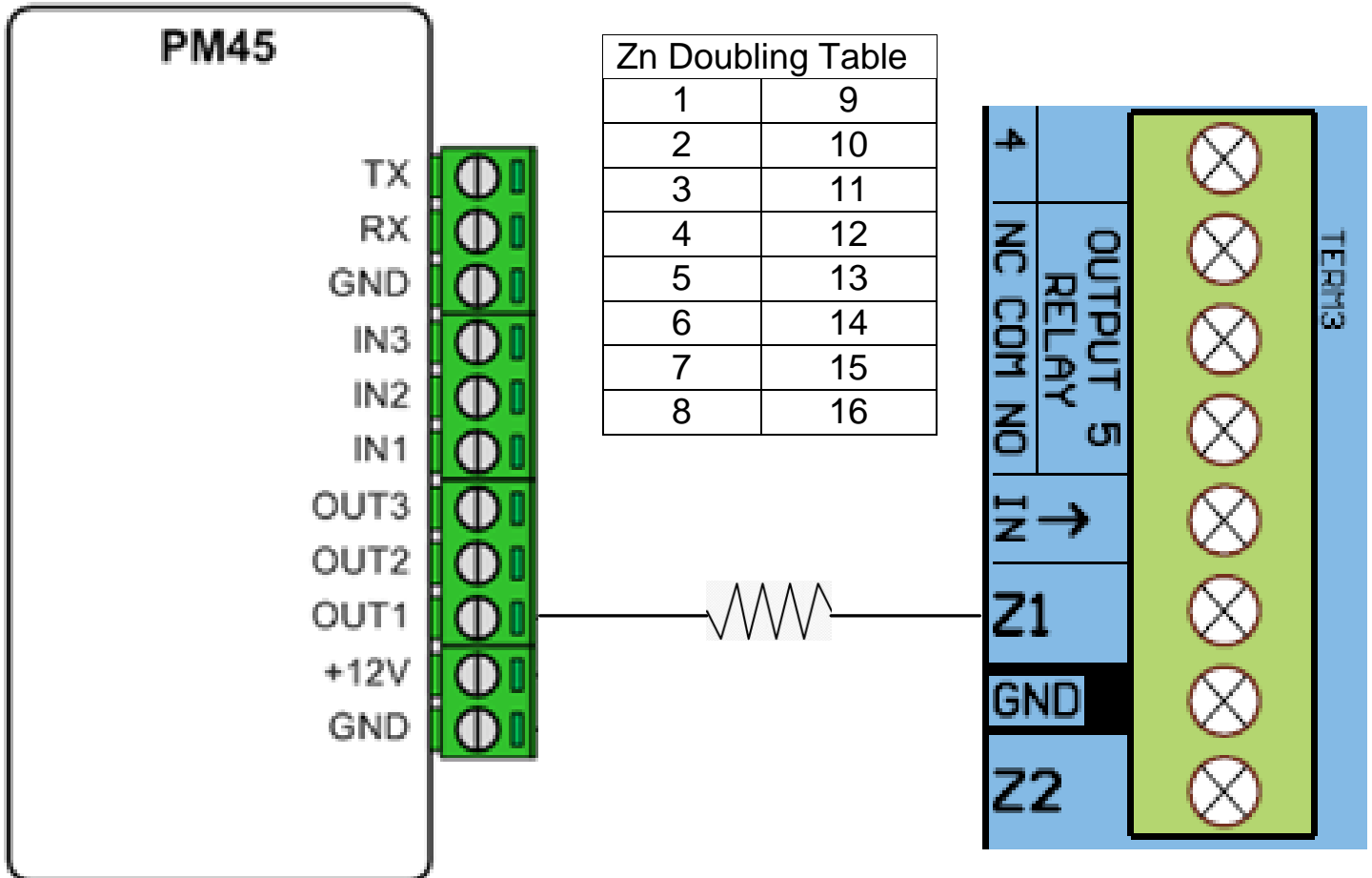**Menu 3-1-1**
Select option 13 (Key switch zone type).
Menu 3-1-8
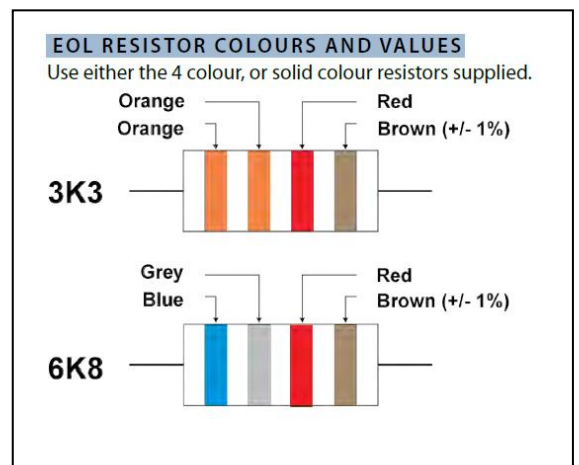Select option 3 (Inverted Seal) set to 'Y'.
Menu 3-4-1
Select option 05 (Pulse all On/Off) .

If using zone double (zn 9-16) the zone 1-8 on the same terminal should be an Entry/Exit zone type.

Zn Doubling Table	
1	9
2	10
3	11
4	12
5	13
6	14
7	15
8	16

- **Zones 1 – 8 use 3k3 resistors**
- **Zones 9 – 16 use 6k8 resistors**

EOL RESISTOR COLOURS AND VALUES
Use either the 4 colour, or solid colour resistors supplied.

Exiting Program Mode:

- Press and hold the Menu button for 2sec.
- Alternatively you can select Exit and press OK from any menu levels.