Konnected Wi-Fi panel pin mapping

AUX -

Alarm/AUX +

Alarm -

Ground is shared for 1-2 / 3-4 / 5-6-out
Note: DO NOT exceed 3.3v for Konnected inputs
Alarm panel can supply 1 amp
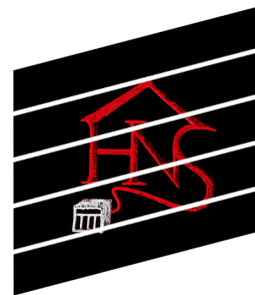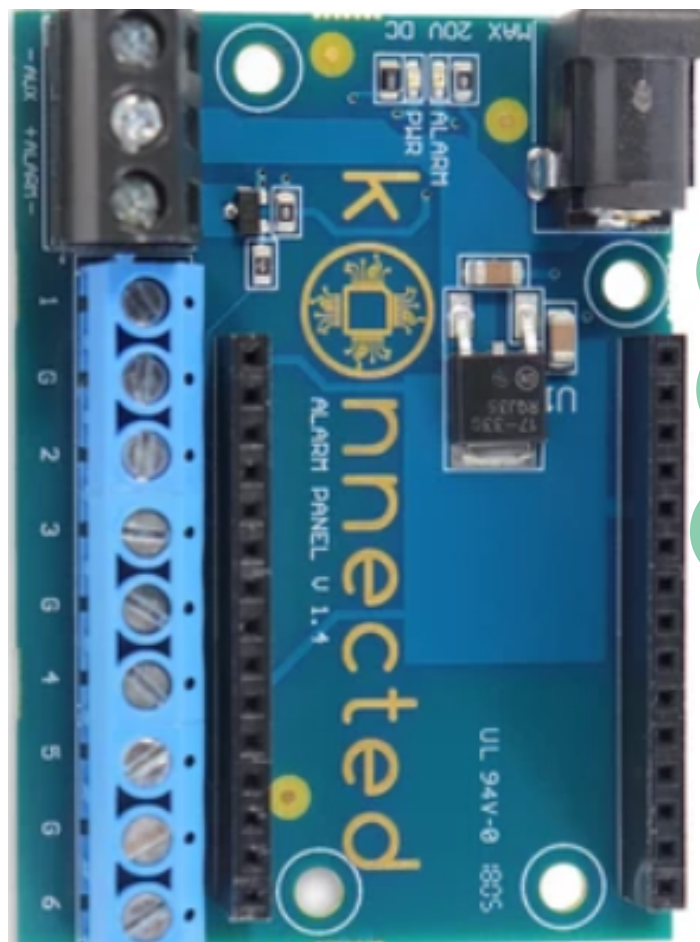
hnsinstalls.com
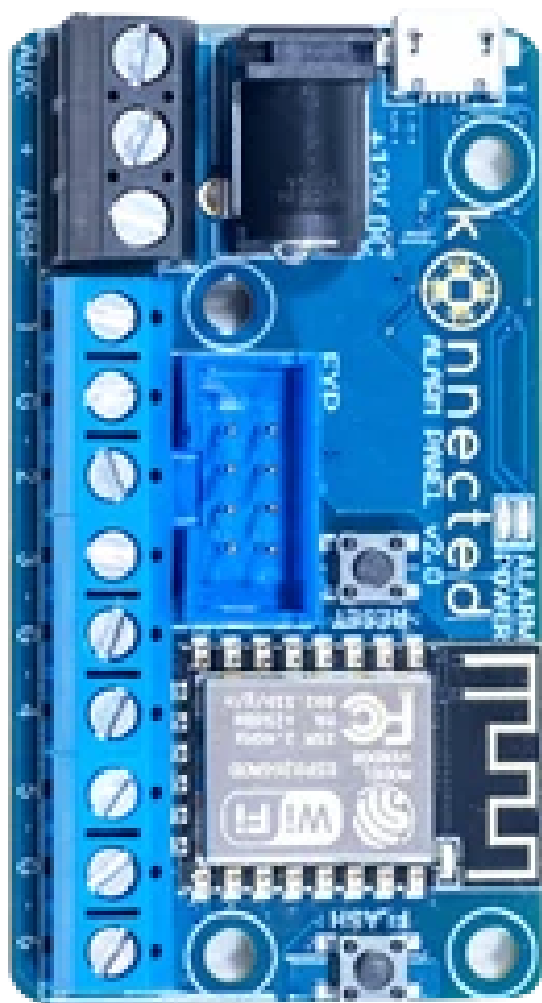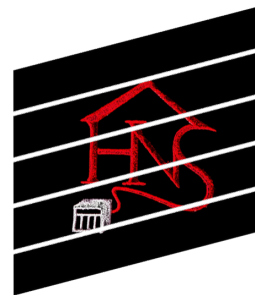
AUX -

Alarm/AUX +

Alarm -

1

2

3

4

5

6

**Ground is shared for 1-2 / 3-4 / 5-6-out
Note: DO NOT exceed 3.3v for Konnected inputs
Alarm panel can supply 1 amp**

hnsinstalls.com

PLC Konnected wiring plan

Alarm 1-

Alarm 2-

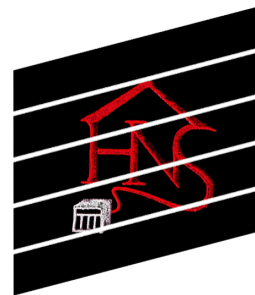12v

Aux -

1
2
3
4
5
6
7
8
9
1 1
1 2

Ground is shared for 1-2 / 3-4 / 5-6-out
Note: DO NOT exceed 3.3v for Konnected inputs
PoE can supply 1 amp 12v

hnsinstalls.com

PLC Konnected wiring
plan

1
2
3
4

Ouputs

Inputs

1
2
3
4
5
6
7
8
9
A
B
C

Ouputs

Inputs

hnsinstalls.com

(Series Circuit) Konnected switch or Momentary push button

PLC Konnected wiring plan
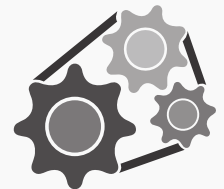
override

12V +

12V-

RIEV/TECH

DC12~24V

INPUT 12xDC
(1~/x/0~10VDC)

PR-18DC-DA-R

OUTPUT 6xRelay 10A

N/O gate motor Contact (Normally Open)

Konnected panels can be set as N/O or N/C

hnsinstalls.com

(Series Circuit) Konnected switch or Momentary push button

PLC Konnected wiring plan

override

12V +

12V-
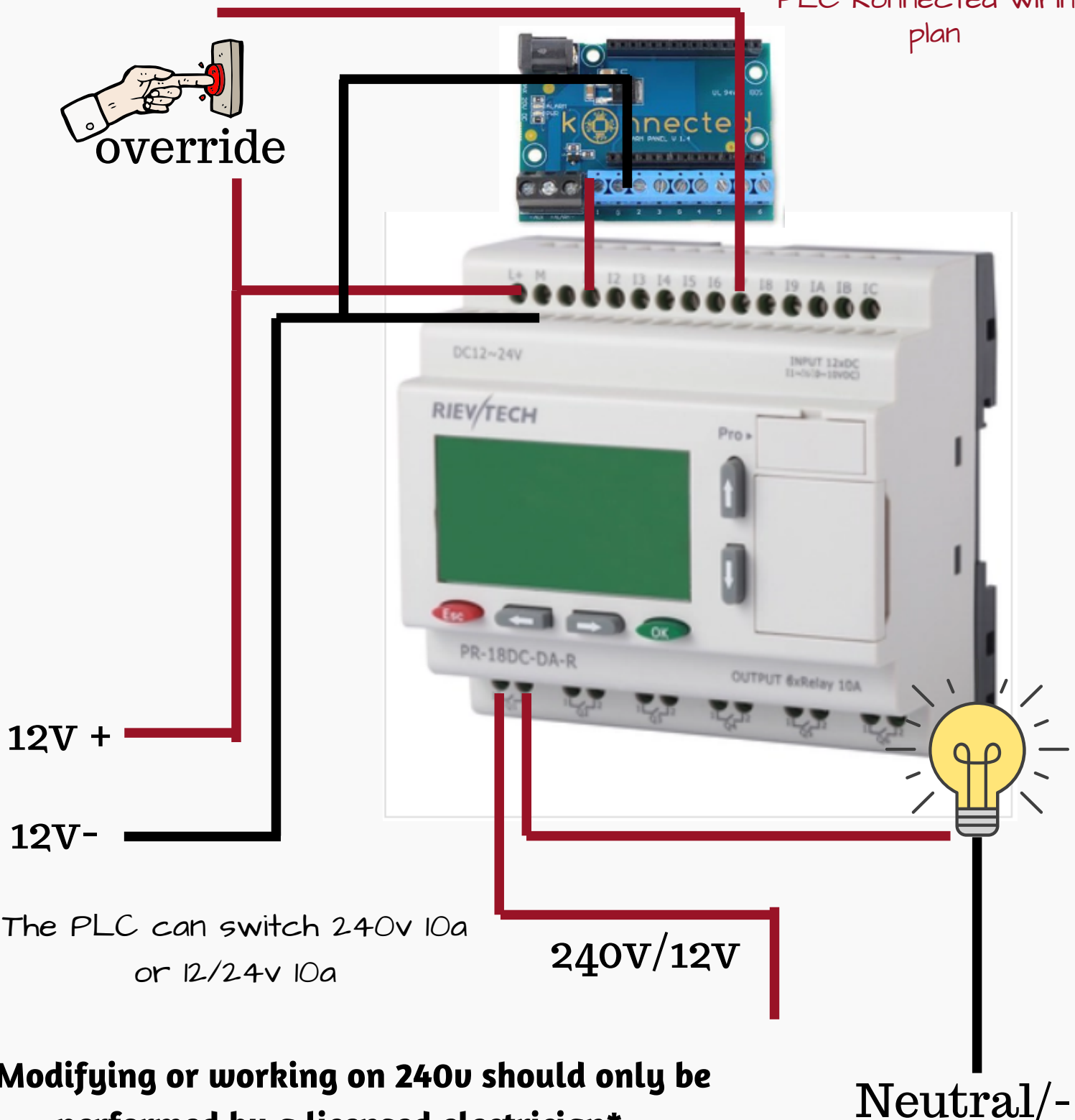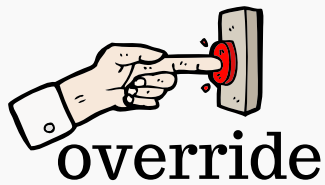
The PLC can switch 240v 10a or 12/24v 10a

240V/12V

Neutral/-

Modifying or working on 240v should only be performed by a licensed electrician
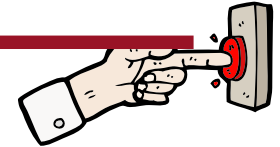
hnsinstalls.com
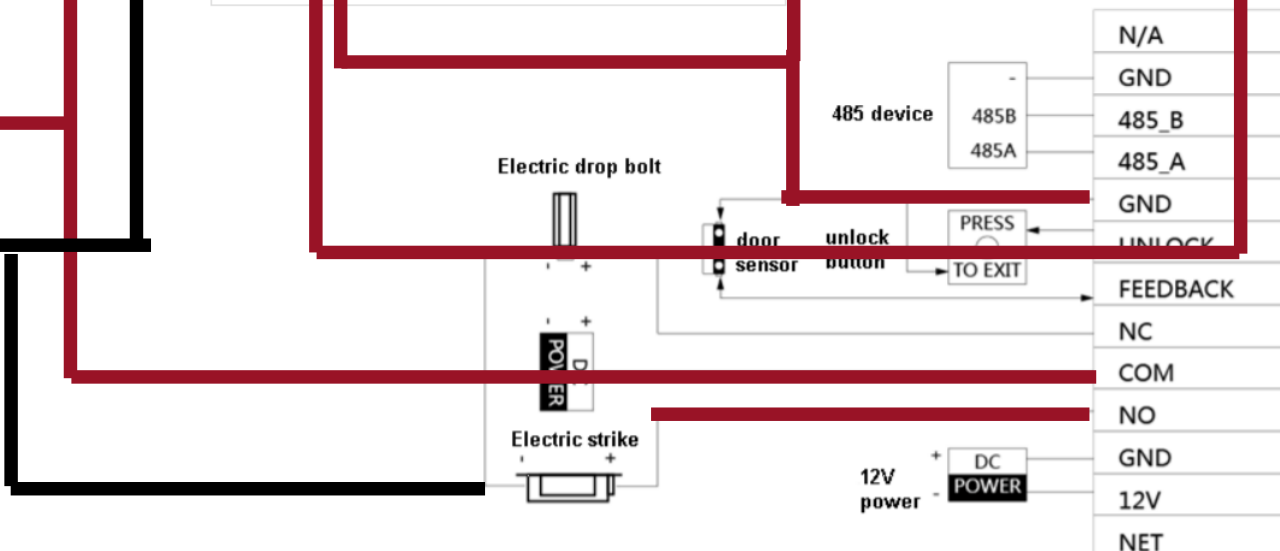
VIP VTO Konnected PLC setup

Door sensor and drop bolt are not used in this setup.
Konnected has the input for door sensor reed switch input

Momentary push button unlock/open

RIEV/TECH

DC12~24V   INPUT 12xDC

PR-18DC-DA-R   OUTPUT 6xRelay 10A

12V +

12V-

	N/A
	GND
485 device	485_B
485B	485_A
485A	GND
	UNLOCK
	FEEDBACK
	NC
	COM
	NO
	GND
	12V
	NET

Electric drop bolt

door   unlock   PRESS
sensor button   TO EXIT

POWER
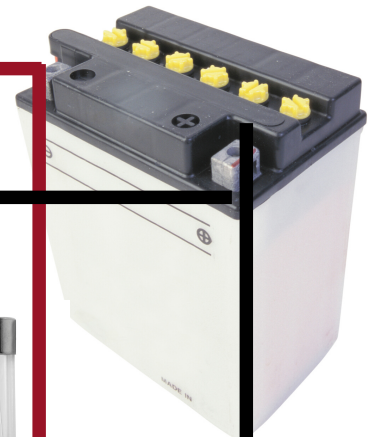
Electric strike

12V power   DC POWER

If PoE is used; 12v to VIP VTO is not needed. It is recommended to run 6 core security cable to front door to service mag-lock /door-sensor/open-button
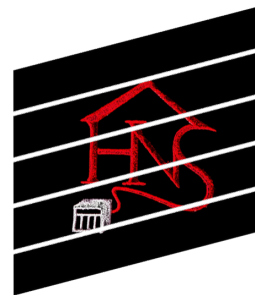
Buck converters can step down voltage for DC

Oppo-couplers can be utilised as an isolated voltage translator,
not for power feed e.g. 9v smoke alarm output translated to 3v state

12v feed bus-bars

AC must be isolated from DC

Smart Home Accounts

Home Networking
Solutions
08 6365 5334

GitHub _____

_____

Samsung _____

_____

ActionTiles _____

_____

Lifx _____

_____

Google Assistant _____

_____

_____
_____

_____
_____

_____
_____

_____
_____

SmartThings®

hnsinstalls.com

k⊙nnected