

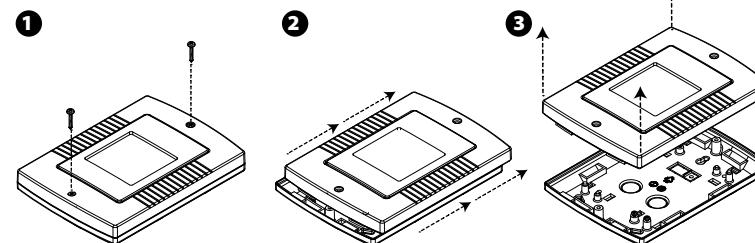
8 Transistor / 8 Relay
Output Expander

CE UK
CA

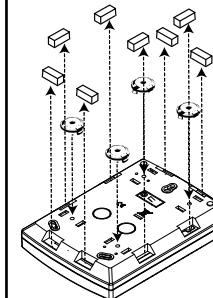
Revision 02



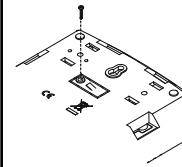
1) Opening the casing



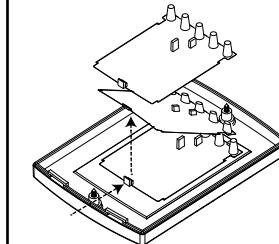
2) Stand Offs/Knock Outs



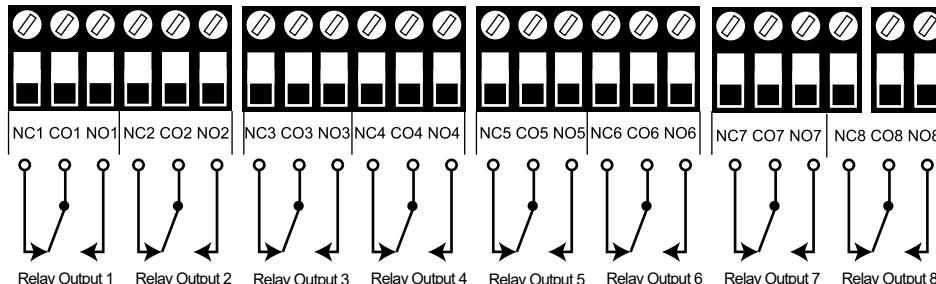
3) Rear Tamper



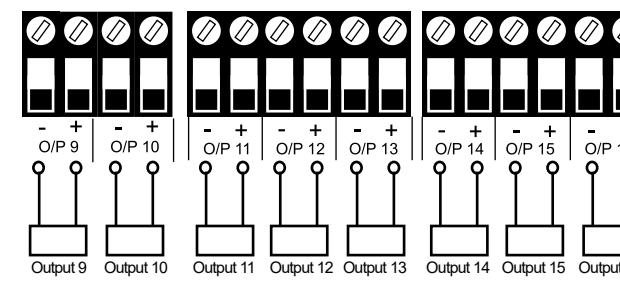
4) Label access



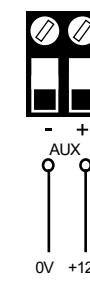
5) Relay Outputs (8 x)



6) Transistor Outputs (8 x)

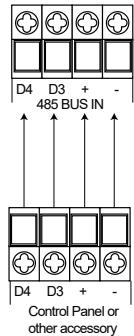


7) Output Status LEDs



Each Transistor and Relay LED will illuminate when the output is activated, and then distinguish when deactivated.

8) RS485 Bus Wiring



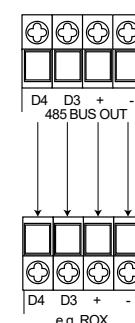
Repeater Disabled

Uses the 485 bus from the control panel.



Repeater Enabled

Uses the 485 bus from the output module. This increases the distance of further cable runs without any loss of data.



9) Status LEDs

POWER (LED1)
GREEN

RS485 IN (LED2)
BLUE

FAULT 1 (LED3)
RED

FAULT 2 (LED4)
RED

RS485 OUT (LED5)
BLUE

POWER LED ON: +12V supply
RS485 IN ON: Data "IN" OK
FAULT 1 ON: Data "IN" in fault

POWER LED ON: +12V supply
RS485 IN ON: Data "IN" OK
FAULT 1 ON: Data "IN" in fault

RS485 OUT ON: Data "OUT" OK

FAULT 2 ON: Data "OUT" in fault
NOTE: All LEDs will be disabled while the tamper switch is closed.

10) Addressing

9	00	50	00
8	00	40	00
7	00	30	00
6	00	20	00
5	00	10	00
4	00	00	00
3	00	00	00
2	00	00	00
1	00	00	00
0	00	00	00

Address:

To address an output module, link out the headers as shown in the below example:

Address 04: 4 [] 00 []

Address 12: 2 [] 10 []

Address 20: 0 [] 20 []

11) Operations

Tamper:
Disables the Tamper switch



Buzzer:
For future development



Engineer Keypad:
An engineer keypad can be connected here giving access to the engineers mode. NOTE: The keypad must be addressed before use.



12) Compliance

For electrical products sold within the European Community. At the end of the electrical products useful life, it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.



Suitable for use in systems installed to
PD6662:2017, EN50131-1:2006+A1:2009
at Security Grade 3, Environmental Class II.
Subject to the grading of the overall system.

13) Technical Specification

Input Voltages	10.5V to 15V DC
Max Current Consump.	350mA (Quiescent Current 25mA)
Open-collector outputs	(#9 - #14): <100mA each, max. combined 500mA
Open-drain outputs	(#15 & #16) 1A each (continuous)
Relay Outputs	3A
Dimensions	173 x 125 x 32mm
Operational	-10°C to +40°C, (14°F to 104°F)
Storage	-20°C to +60°C, (4°F to 140°F)
Humidity	85% @ 25°C
Weight	0.24kg

14) Warranty

This product is sold subject to our standard warranty against defects in workmanship for a period of two years. In the interest of continuing improvement of quality, customer care and design, Pyronix Ltd reserve the right to amend specifications without giving prior notice.

15) Customer Support

Customer Support Line: 0333 444 1280 (local rate)

Hours: 8.00am - 6:30pm, Monday to Friday

customer.support@pyronix.com

www.pyronix.com

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