

# Net I/O board

## System specifications

|               |   |
|---------------|---|
| Inputs        | 4 |
| Relay outputs | 4 |

## Electrical

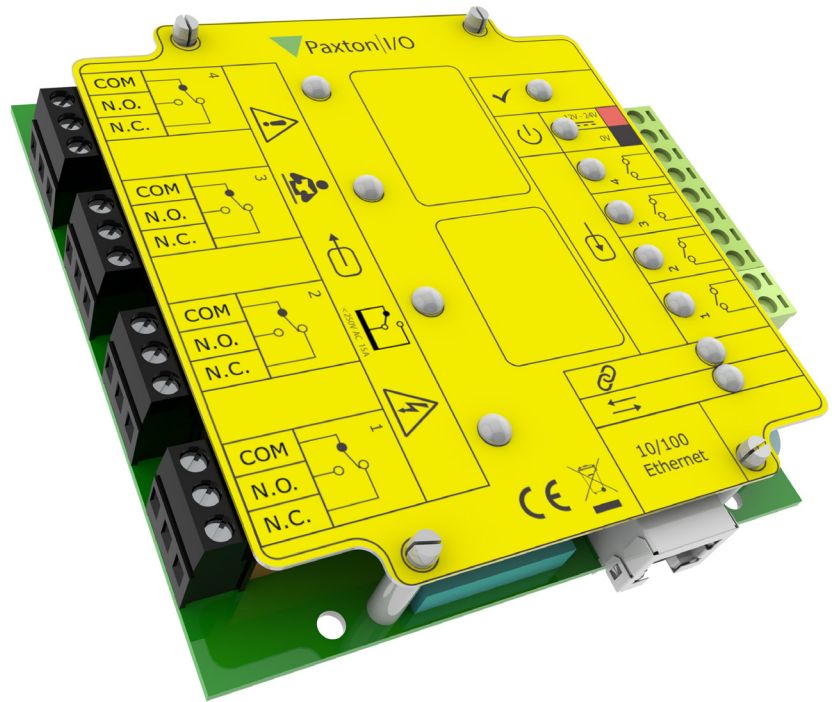
|                              |              |
|------------------------------|--------------|
| Operating Voltage            | 10V - 14V DC |
| Current consumption          | 400mA        |
| Relay contact current rating | 13A          |
| Relay contact isolation      | 4kV AC       |
| Relay contact voltage        | 240V AC      |
| Relay contact frequency      | 50Hz         |

## Communication

|                                     |                     |
|-------------------------------------|---------------------|
| TCP/IP                              | Yes                 |
| Wireless                            | No                  |
| RS485                               | No                  |
| Ethernet network speed              | 100Mbit/s auto MDIX |
| Ethernet bandwidth requirement      | 200 kbits/sec       |
| DHCP support (fixed IP recommended) | Yes                 |

## Environment

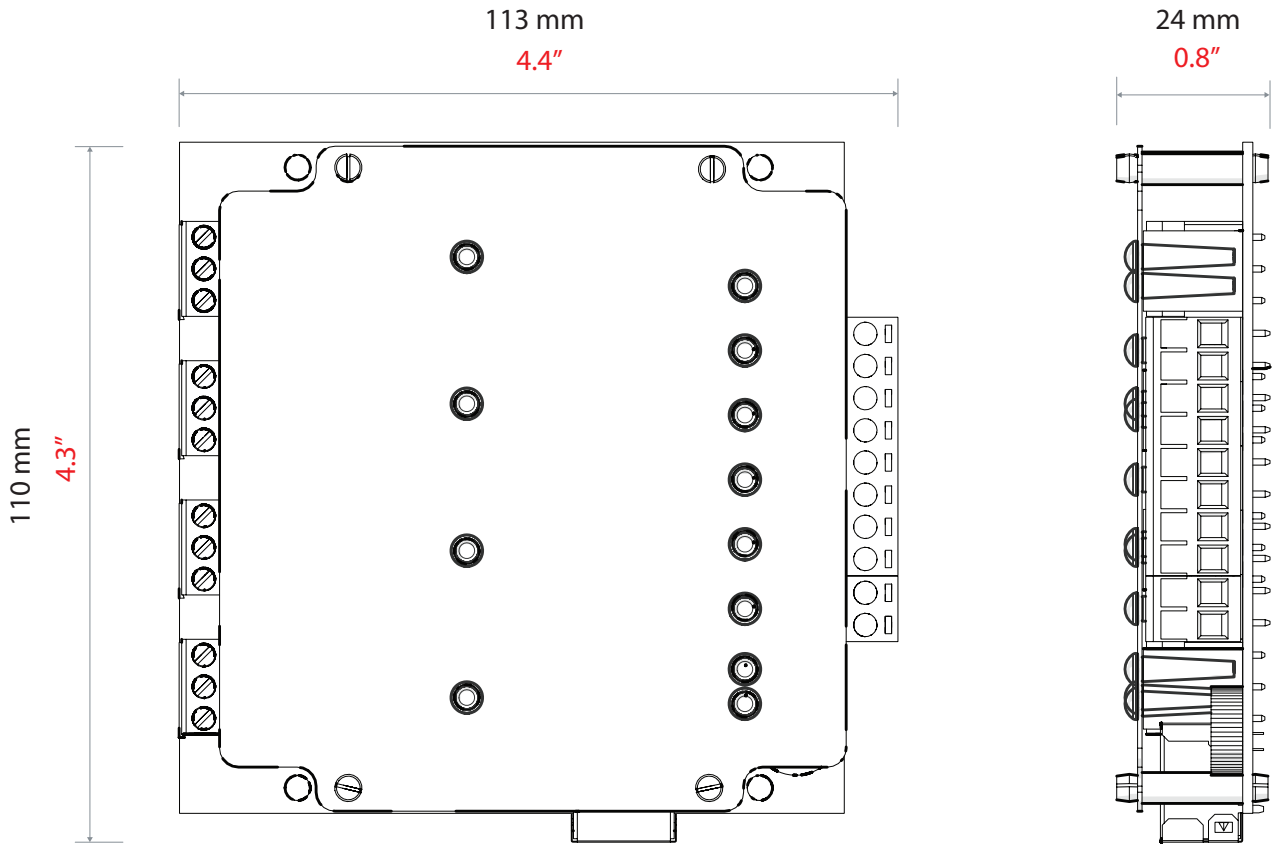
|                       |   |
|-----------------------|---|
| Operating temperature | -20°C - +55°C<br>-4°F - +131°F  |
| Moisture resistance   | No - if used externally, it must be protected in a weatherproof housing |
| Vandal Resistance     | Low   |



The Net2 I/O board is simple, yet powerful addition to the Net2 system. It can be wired alongside a Net2 door controller, to switch power on and off to electrical equipment to save money and energy. The board can control lighting, heating, water and air conditioning by using the triggers and actions application in the Net2 software. These actions can be programmed for a particular time, or in response to a specific Net2 event.

The Net2 I/O board consists of 4 inputs and 4 outputs. It connects directly to a LAN/WAN via an onboard RJ45 connector and can be distributed around a building as required. The I/O board can be supplied as PCB only, in a plastic housing or mounted within a 2A boxed plastic mains monitored backup power supply.

Please note, I/O boards work as part of the Net2 system. They are not door controllers.



Accessories and sales codes

|   |         |                                  |         |
|---|---------|----------------------------------|---------|
| Net2 I/O board                                  | 489-710 | Net2 I/O board - Plastic housing | 385-710 |
| Net2 I/O board - 12V 2A PSU,<br>Plastic cabinet | 411-623 |                                  |         |