

Isolator Module



1 Feature and Benefits EN54-17 Compliance

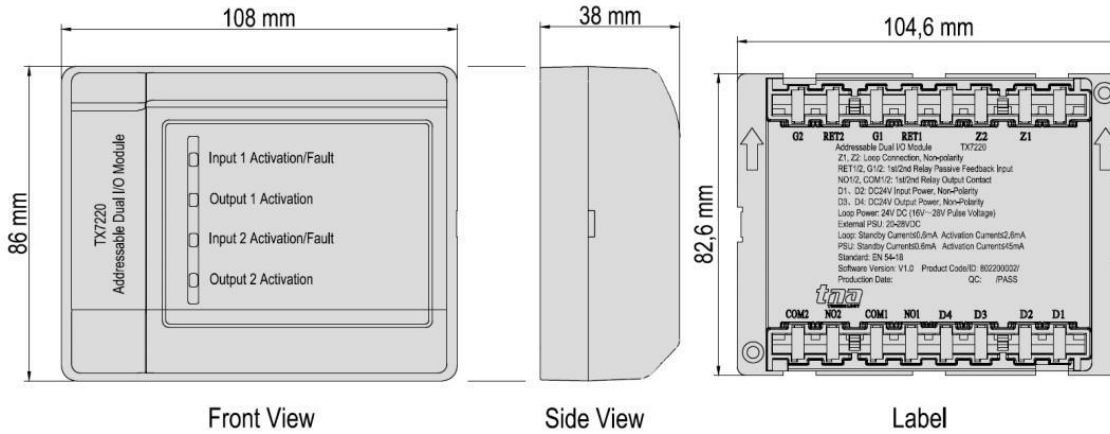
- EN54-17 Compliance
- In the event of a short circuit isolates faulty parts of the loop.
- Automatically resetting once the fault has cleared
- Can monitor up to 70 devices
- LED status indicator
- Loop powered device
- Aesthetically pleasing design
- Surface mounting with fix base for simple installation

2 Technical Specification

- | | |
|-----------------------|--|
| ● Listed | LPCB Pending |
| ● Compliance | EN54-17 |
| ● Input Voltage | 24VDC [16V to 28V] |
| ● Current Consumption | Standby 0.15mA, Alarm: 1.8mA |
| ● Protocol | TNA |
| ● Number of monitored | Max 70 Devices |
| ● Output Impedance | 480 ohms |
| ● Indicator Status | Normal: Single blink/Active: Steady-on |
| ● Material / Colour | ABS / White Glossy finishing |
| ● Dimension / LWH | 108 mm x 86 mm x38 mm |
| ● Weight | 152g (with Base), 81g (without Base) |

TX7 DATA SHEET

- Humidity 0 to 95% Relative Humidity, Non condensing
Installation and Wiring Details (Wiring Varies according to the model)



Terminal Description Signal In (+)

Z1 Signal Out (+)

Z2 Signal In (-)

Z2 Signal Out (-)

RET 1 Input Cable (Circuit 1); RET 2 Input Cable (Circuit 2) G 1 Input Cable (Circuit 2); G 2 Input Cable (Circuit 2) D1 External Power Supply In (+)

D2 External Power Supply In (-)

D3 Not Use

D4 Not Use

COM1 Output Cable (Circuit 1); COM2 Output Cable (Circuit 2) NO1 Output Cable (Circuit 1); NO2 Output Cable (Circuit 2)

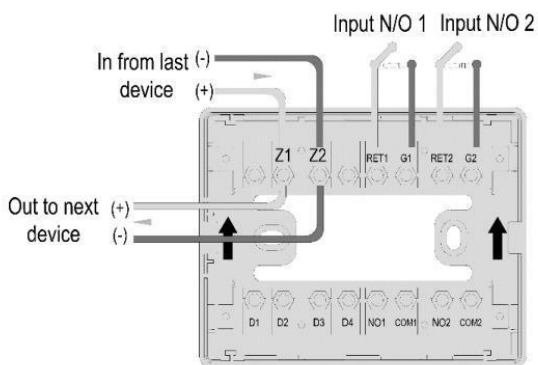


Figure 1: Input Wiring Details (Loop Powered)

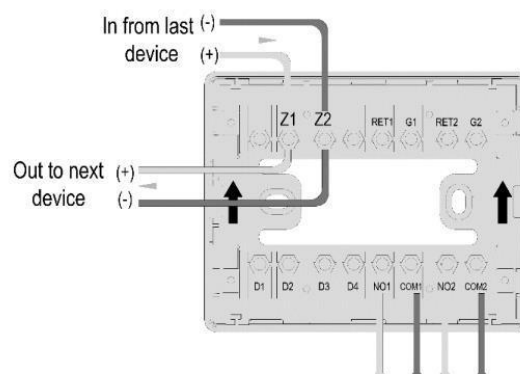


Figure 2: Relay Output Wiring Details (Loop Powered)

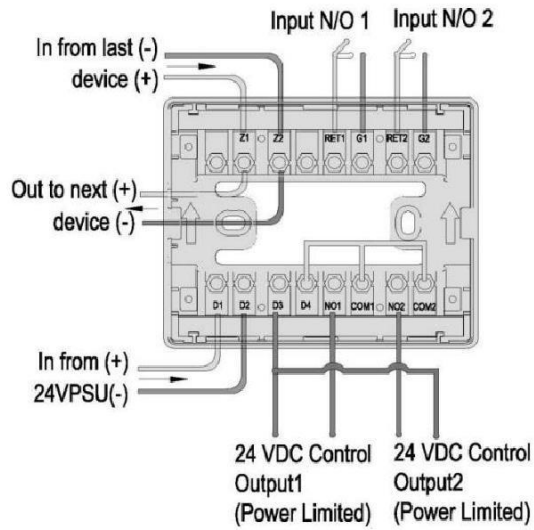


Figure 4: Figure 4: Control Output with Feedback Signal Wiring Details
(With External Power Supply)

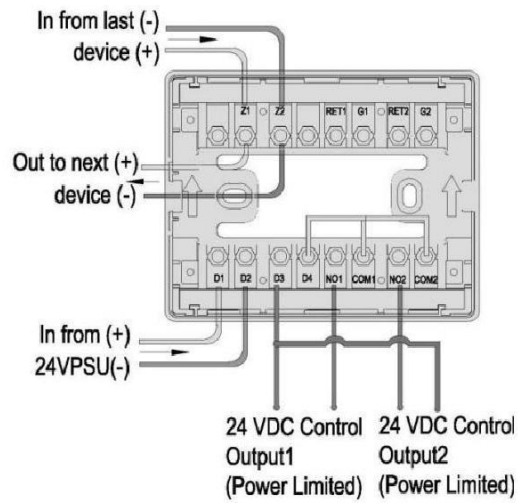


Figure 4: Control Output Wiring Details
(With External Power Supply)