



TX7230

Loop Isolator



EN54-17: 2005
1330c/01

Feature and Benefits

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

Overview

The TX7230 manufactured base on the requirement of EN 54 part 17, European Standard. In the event of short circuit on the detection loop the TX7230 Isolators either side of the loop will detect the problem and open circuit and isolates the faulty part of the loop, enabling other devises on the unaffected part of the loop to operate normally. The module will continue to monitor for the fault to be repaired, once the fault is cleared the isolator will automatically reinstate the effected part of the loop. The unit is aesthetically pleasing with unobtrusive design that will complement modern building designs and its plug-in type assemblies make installation and maintenance more convenient to the installer. The TX7230 Isolators Module is compatible to the TX7004 Analogue Intelligent Fire Alarm Control Panel, produced by single manufacture T&A, to avoid addressable communication compatibility problem.



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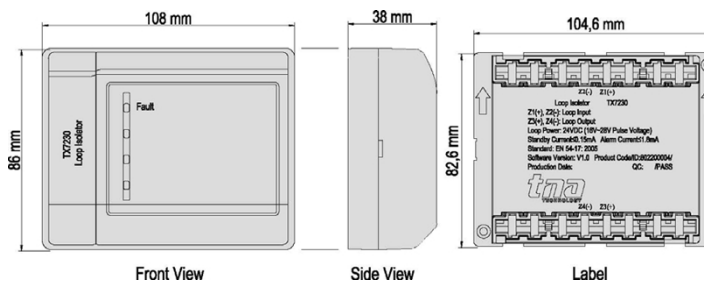
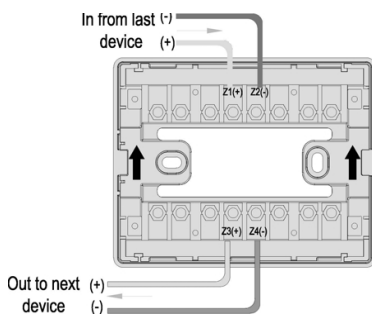
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Technical Specification

Listed	LPCB Certification
Compliance	EN 54-17:2005
Current Consumption	Standby 0.15mA, Alarm: 1.8mA
Protocol	T&A
Number of monitored	Max 70 Devices
Output Impedance	480 ohms
Indicator Status	Normal: Single blink/ActiveSteady-on
Material / Colour	ABS / White Glossy finishing
Dimension / LWH	108 mm x 86 mm x38 mm
Weight	152g (with Base), 81g (without Base)
Operating Temperature	-10° C to +50° C
Ingress Protection Rating	IP30
Humidity	0 to 95% Relative Humidity, Non condensing
Maximum Operating Voltage(VMAX)	28VDC
Operating Voltage(VNOM)	24V
Minimum Operating Voltage(VMIN)	16V
Maximum Open Voltage(VSO MAX)	11V
Minimum Open Voltage(VSO MIN)	8V
Maximum Close Voltage(VSC MAX)	3V
Minimum Close Voltage(VSC MIN)	1.4V
Maximum Continuous Current(IC MAX)	500mA
Maximum Transient Output Current(IS MAX)	5A

Installation and Wiring



Terminal Description

- Z1 Signal In (+)
- Z3 Signal Out (+)
- Z2 Signal In (-)
- Z4 Signal Out (-)

