TX7230
Isolator Module

Feature and Benefits

EN54-17:2005 Compliance
LPCB Approved
In the event of a short circuit isolates faulty parts of the loop.
Automatically resetting once the fault has been cleared
Can monitor up to 70 devices
LED status indicator
Loop powered device
Aesthetically pleasing design
Surface mounting with fix base for simple installation

EN54-11
1330f(cl-1)

0832-CPR-F1831
Y17

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 assembles 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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![tna - For Better Protection]

Technical Specification

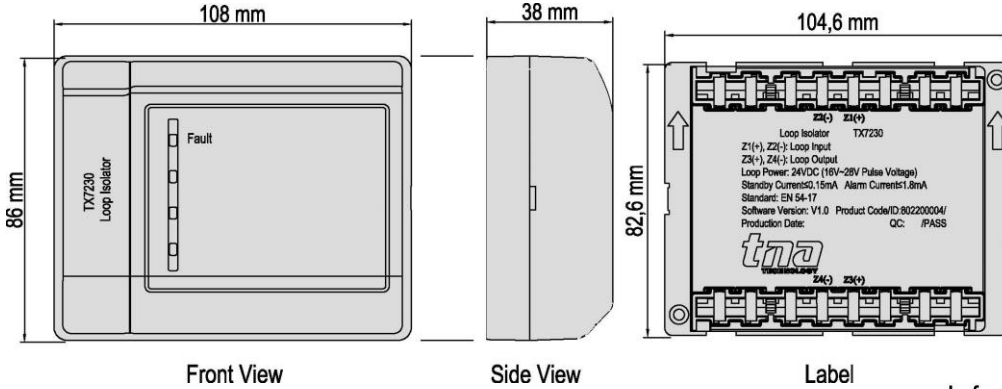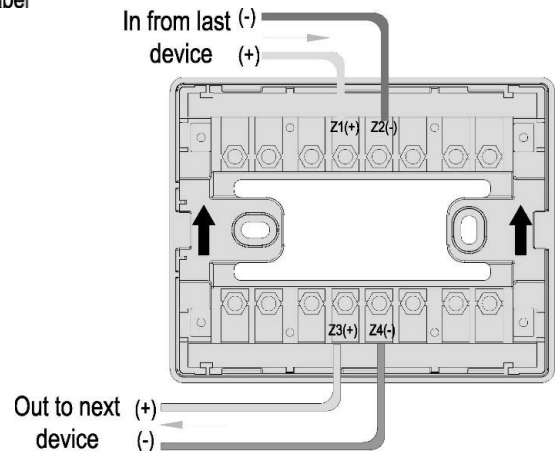|	
Listed	LPCB / CE-CPR
Compliance	EN54-17:2005
Power Rating	
Input Voltage	24VDC [16V to 28V]
Current Consumption	Standby 0.15mA, Alarm: 1.8Ma
Maximum Open Voltage($V_{SO\ MAX}$)	11V
Minimum Open Voltage($V_{SO\ MIN}$)	8V
Maximum Close Voltage($V_{SC\ MAX}$)	3V
Minimum Close Voltage($V_{SC\ MIN}$)	1.4V
Maximum Continuous Current($I_{C\ MAX}$)	500mA
Maximum Transient Output Current($I_{S\ MAX}$)	5A
Maximum Leakage Current($I_{L\ MAX}$)	2mA
Max closed impedance ($Z_{C\ MAX}$)	0.65 ohms
Module	
Protocol	T&A
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)
Ingress Protection	IP30
Humidity	0 to 95% Relative Humidity, Non condensing

Module and Wiring Details

Front View Side View Label

Terminal Description

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

In from last (-)
device (+)

Out to next (+)
device (-)

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