

# TX7232

## Short Circuit Isolator Base



### Feature and Benefits

- EN54-17:2005 Compliance
- 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

### Overview

The TX7232 manufactured base on the requirement of EN 54 part 17, European Standard. In the event of short circuit on the detection loop the TX7232 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 TX7232 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.





For Better Protection

## Technical Specification

Compliance	EN54-17:2005
Listed	Pending
<b>Power Rating</b>	
Input Voltage	24VDC [16V to 28V]
Current Consumption	Standby 0.15mA, Alarm: 2Ma
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
<b>Module</b>	
Protocol	T&A
Number of monitored	Max 70 Devices
Output Impedance	480 ohms
Indicator Status	Normal: Single blink/Active: Steady-on
<b>Material / Colour</b>	ABS / White Glossy finishing
Dimension / LWH	100.7 mm x 35 mm
Ingress Protection	IP30
Humidity	0 to 95% Relative Humidity, Non condensing



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