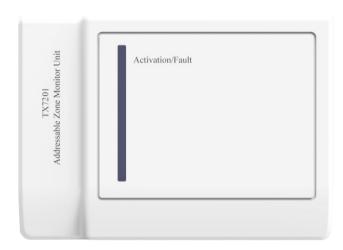![tna logo - For Better Protection]

TX7201

Addressable Zone Monitor Module

Feature and Benefits

EN54-18 Compliance
Built-in MCU processor and digital addressing
Intelligent self-diagnosis of open circuit
Enhanced capacity of interference resistance by using multilevel wave filtering process
LED status indicator
Onsite Adjustable Parameter
Loop and external power input
Aesthetically pleasing design
Parallel connecting up to 16 conventional detector
Unit mounting with fix base for simple installation

Overview

TX7201 Addressable Zone Monitor unit is an addressable interface module, which will integrate conventional detectors or conventional manual call points to addressable system. When any of the connected devices alarms are active, the unit can send the alarm message to fire alarm controller, which generates alarm signal and displays its address. The unit can match with the conventional optical smoke detector, conventional rate of rise and fixed temperature detector and conventional manual call point etc. It has the function of checking short or open circuit of the output connection, by the End of Line Resistor (EOLR). The fault massage includes open circuit, short circuit or any removal of the detectors.

The unit manufactured base on the requirement of EN 54 part 18, European Standard. 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 unit is compatible to the TX7004 Analogue Intelligent Fire Alarm Control Panel, produced by single manufacture T&A, to avoid addressable communication compatibility problem.

TANDA UK LTD | D A T A S H E E T

Technical Specification

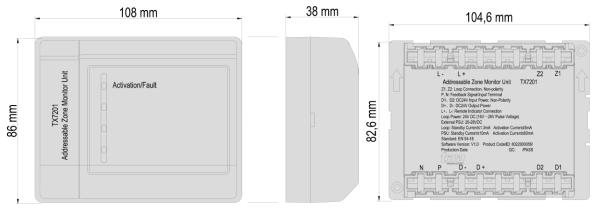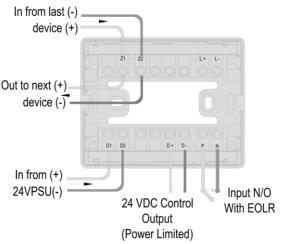|	
Listed	LPCB Pending
Compliance	EN54-18:2005/AC2007
Power Rating	
Input Voltage	Loop Power:24VDC [16V to 28V]
External PSU: 20 to 28VDC	
Current Consumption	Loop: Standby 1.3mA, Alarm: 5mA
External PSU: Standby10mA, Alarm: 60mA	
Control output voltage	24VDC (Only for the use of TX7130, do not allow the short circuit)
Module	
End of line Resistance	5.1Kohms/ ¼ W
Protocol/Addressing	T&A, Value range from 1 to 254
Indicator Status	Normal: Single blink/Active: Steady/Fault: Double Blink
Material / Colour	ABS / White Glossy finishing
Dimension / LWH	108 mm x 86 mm x38 mm
Weight	154g (with Base), 83g (without Base)
Operating Temperature	-10°C to +50°C
Ingress Protection Rating	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 (-)
P connect detectors, Non-polarity
N connect detectors, Non-polarity
D1 External Power Supply In (+)
D2 External Power Supply In (-)
D+, D- Output Cable(Only for the use of TX7130)
L+ Remote Indicator (+)
L- Remote Indicator (-)

TANDA UK LTD | D A T A S H E E T