



TX7240

Relay Module

Features and Benefits

- EN54-18 Compliance
- Built-in MCU processor
- Aesthetically pleasing design
- LED status indicator

Overview

The TX7240 Loop Relay Module operates on DC 24V and uses an internal electrical isolation circuit to ensure stable, real-time transmission between input and output bus signals. It enhances bus anti-interference performance and extends communication distance, making it ideal for installations exposed to high external interference or requiring long-distance signal transmission. Designed and manufactured in accordance with EN 54-18 standards, the unit features a clean, unobtrusive appearance suitable for modern buildings. Its plug-in structure ensures easy installation and maintenance. The TX7240 is fully compatible with the TX7004 Analogue Intelligent Fire Alarm Control Panel, produced exclusively by T&A, ensuring seamless addressable communication without compatibility issues.

Technical Specification

Power Rating	
Input Voltage	Loop Power: 24VDC [16V to 28V] External PSU: 20 to 28VDC
Current Consumption	Loop: ≤5mA External PSU: ≤500mA
Bus Range	Input: ≤1000m Output: ≤1000m
Protocol/ Addressing	T&A, Value range from 1 to 254
Indicator Status	Normal: Single blink/Fault: Steady-on

Weight	162g (with Battery and base)
Material/Color	Metal / Gray
Dimension / LXHXW	155mm x 97mm x 40mm
Operating Temperature	-10°C to +55°C
Humidity	0 to 95% Relative Humidity, Non-condensing

