

PRODUCT DATASHEET - INTELLIGENT RELAY MODULE (PLATE MOUNT)



INTELLI-SENSE

Addressable Device

TI-002220

DESCRIPTION

The Intelli-Sense module range provides an ideal solution to the monitoring and control requirements of most fire detection and alarm systems, ranging from small and simple, to large and complex. By utilising the Intelli-Sense fully digital communication protocol, reliable and fast operation is achieved even when employing the impressive 240 device loop capacity. A choice of mechanical configurations provides easy integration of the units into a variety of field locations. The TI-002220 is mounted on a standard faceplate and can be used with a surface back box or flush mounted and provides the capability to control ancillary circuits using a single set of volt-free changeover relay contacts. Bi-colour LEDs provide local indication of device status

TECHNICAL SPECIFICATION

Loop voltage range	15Vdc – 40Vdc*
Normal Standby current	200µA @ 24Vdc
Alarm Current (1 red LED)	6mA @ 24Vdc
Dimensions	86.5 x 86.5 x 24mm (ex-back box)
Max output rating	2A @ 30VDC
Temperature Range (no icing)	-10°C to +55°C
Max humidity (non condensing)	95% RH
Weight	200g

*Note: Min 18VDC for operation of LED.

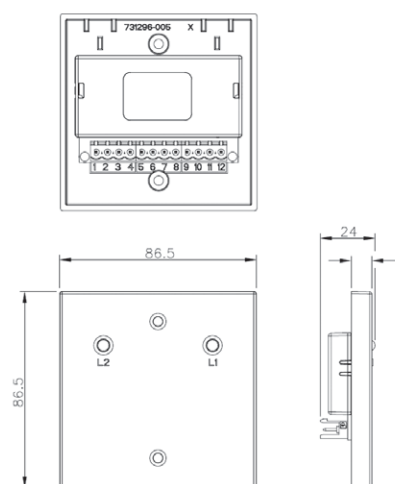
STANDARDS & APPROVALS

BS EN54-17:	Short Circuit Isolators
BS EN54-18:	Input/Output Devices

KEY FEATURES

- Employs the highly reliable fully digital communication protocol
- Approved by BSI to EN 54-17 and EN 54-18
- Integrated short circuit isolators to protect and maintain operation
- Loop powered with very low current consumption
- Robust proven design offering operation over a wide temperature range
- Relay switched via volt free changeover contacts
- Alternate mechanical variants available to satisfy different applications
- Bi-colour LEDs show local status
- Fast fit plug-in cable connections
- Fits to single gang (deep) back box
- 1 year product warranty

TECHNICAL INFORMATION



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