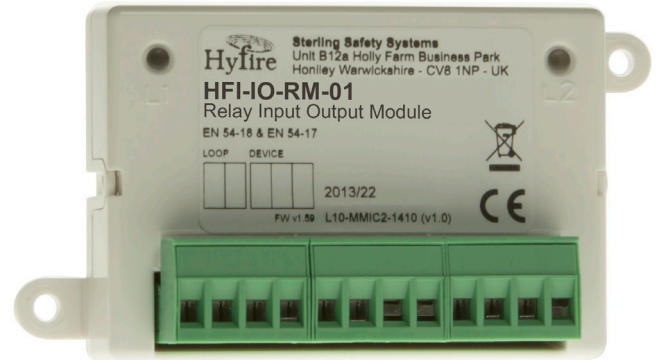DATASHEET
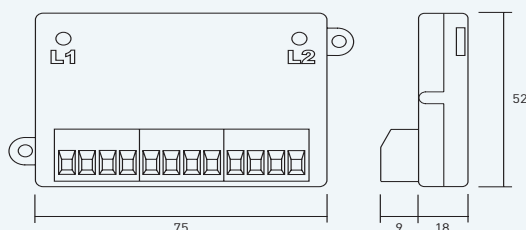# INTELLIGENT INPUT AND RELAY OUTPUT MODULE (MINI MOUNT)

HFI-IO-RM-01

The Hyfire 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 Hyfire 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 HFI-IO-RM-01 is contained in a compact housing, which can be easily mounted inside third party equipment and provides the capability to both remotely monitor a single circuit and control a single ancillary circuit using a set of volt-free changeover relay contacts. The input circuit is monitored for fault condition. Bi-colour LEDs provide local indication of device status.

KEY FEATURES

• Employs the highly reliable Hyfire digital protocol
• 3rd party approval to EN54-17 and EN54-18
• 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
• Soft and auto addressing options
• Can both monitor an input circuit and switch dual volt-free changeover relay contacts
• Fast fit plug-in cable connections
• Smaller mechanical package size enables the module to be installed inside other enclosures
• Bi-colour status LED
• 5 year product warranty

TECHNICAL INFORMATION

TECHNICAL SPECIFICATION

Loop voltage range	15Vdc – 40Vdc*
Normal Standby Current	250µA @ 24Vdc
Alarm Current (1-2 red LED)	6-12mA @ 24Vdc
Dimensions	75 x 52 x 18mm (ex-fixings)
Relay ratings	2A @ 30Vdc
Operating Temp. Range (no icing)	-10°C to +55°C
Max. humidity (non condensing)	95% RH
Weight	160g

*Note: Min 18VDC for operation of LED.

STANDARDS & APPROVALS

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

CE 0786   VdS