

GEN²

OTIS

OI-7530-X-X-A WireFree Relayer

32 Channel Explosion Proof WireFree Relayer

The Otis Instruments OI-7530 Relayer is a 32-Channel Gas Alarm System with 3 Relays that can monitor up to 32 WireFree Gas Detectors simultaneously. Magnetic switches allow for non-intrusive calibration while in the field as well as full system setting and diagnostics. Housed in an explosion-proof enclosure for the safe and close-proximity installation of the monitor within hazardous locations.



Product Features

- 32 Channel WireFree Relayer
- 12 to 35 VDC Operating Voltage with an Optional AC Power Supply
- Operating Temperature Range of -40°C to +70°C
- Graphical LCD with LED Backlight
- 3 Push-Button Interface (ADD, MENU, SUB) with 3 Corresponding Magnetic, Non-Intrusive Switches
- Radio Options: 900 MHz Radio or 2.4 GHz Radio
- 3 Individually Configurable Alarm Set-Points: Three Front Panel ALARM LED Indicators (Red); Three Dry-Contact Relays (4 Amps Maximum per Relay)
- Output Options: Wet Contact DC Fault Terminal, Relay 3 Can Be Optionally Configured as a Fault Relay
- Aluminum Explosion-Proof Enclosure with Class I, Division 1, Groups B, C & D Certifications
- 1-Year Limited Hardware Warranty



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OI-7530-X-X-A Wirefree Relayer

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OI-7530-X-X-A Product Specifications

Product Specifications	
Product Type	32 Channel Gas Relayer
Power Type	WireFree Power
Operating Voltage	12V to 35V DC
Current Draw	275 mA Maximum
Power Supply	3.13A (75W), 85/264V AC to 24V DC (Optional)
RF Connection	External N-Female Radio Frequency (RF) Connector
Customizable Settings	3 Individually-Configurable Alarm Set-Points Per Channel Option to Disable Alarm Relays Latching and Non-Latching Relay Settings
Display Screen	128x64 Resolution Graphical LCD Screen Transflective (Sunlight Readable) with LED Backlight
Interface	3 Push-Buttons (MENU, ADD and SUB)
Tamb Temperature Range	-40°C to +70°C (-40°F to +158°F)
WireFree (Digital) Input	Up to 32 GEN II WireFree (Digital) Sensor Inputs
Relays	3 Dry-Contact Relays with 4 Amp Replaceable Fuses Fault Terminal
Protection	Power Electromagnetic Interference (EMI) Filter
WireFree Radio Options	GEN II 900 MHz Radio or GEN II 2.4 GHz Radio
Product Compatibility	GEN II WireFree Sensors (OI-6000, OI-6900, OI-6940) GEN II WireFree Transmitters (OI-5900, OI-5950)
Networks	52 Networks (GEN II 900 MHz Radio) 78 Networks (GEN II 2.4 GHz Radio) 255 Addresses per Network
Enclosure Material	Aluminum Device Enclosure
Product Dimensions	8 in. L x 8 in. W x 4 in. H (Max. Dimensions with Attachments)
Total Weight	12.8 lbs.
Hazardous Location Certifications and Approvals	Class I, Groups B, C & D Class II, Groups E, F & G
Hardware Warranty	1-Year, Limited
Part Number Formula	OI-7530-[Radio]-[Power Supply]-A OI-7530-X-X-A

