

OI-7530-I

The Otis Instruments OI-7530 NXP Relay is a 32-channel secondary alarm monitor designed to monitor up to 32 GEN II WireFree detectors, providing reliable alarm control for safe-area installations.

Key Features:

- **32-Channel Monitoring:** Real-time coverage across up to 32 WireFree detectors
- **Configurable Relays:** Three programmable relays with adjustable setpoints and latching options
- **Flexible Power:** Supports AC with optional DC configuration
- **Durable Design:** Non-explosion-proof fiberglass enclosure for safe-area use
- **Fast Deployment:** Lightweight design for quick installation

Applications:

- Industrial safety systems
- Commercial gas detection networks
- Environmental monitoring
- Safe-area installations
- Secondary alarm points in facilities

The OI-7530 delivers dependable alarm management with flexible configuration and efficient deployment, enhancing overall safety and system performance.



WireFree Non-Explosion Proof Secondary Controller

Product Specifications

Product Type	32 Channel Secondary Controller
Power Operating Voltage	12V to 35V DC
Current Draw	275 mA Maximum at 24 VDC
Power Supply	3.13A (75W), 85/264V AC to 24V DC (Optional)
Antenna Connection	External N-Female Radio Frequency (RF) Connector
Protection	Power Electromagnetic Interference (EMI) Filter RS-485 Surge Suppression
Display Screen	128 x 64 Resolution Graphical LCD Screen
Interface	3 Push-Buttons (MENU, ADD and SUB) 3 Magnetic Non-Intrusive Switches (MENU, ADD and SUB)
Customizable Settings	Option to Disable Alarm Relays
T _{amb} Temperature Range	-40°C to +70°C
WireFree (Digital) Input	Up to 32 WireFree Sensor Inputs
Relays	3 Dry-Contact Relays with 4 Amp Replaceable Fuses Fault Terminal
Digital Output	RS-485 Modbus
Product Compatibility	All Otis GEN II WireFree Products
WireFree Radio Options	GEN II 900 MHz Radio GEN II 2.4 GHz Radio
Networks	52 Networks (GEN II 900 MHz Radio) 78 Networks (GEN II 2.4 GHz Radio) 255 Addresses per Network
Enclosure Material	Fiberglass Enclosure w/ Clear Window
Product Dimensions	4.57" D x 10.1" W x 18.94" H (Max. Dimensions w/ Attachments)
Total Weight	6.8 lbs.
Product Mounting	4 Mounting Feet, 6 in. W x 10-1/4 in. T (Included) Maximum Mounting Bolt/Screw Size of 5/16 in. (8mm) Diameter
Hardware Warranty	Limited one year
Part Number Formula	OI-7530-[Radio]-[Power]-[Enclosure Type] OI-7530-9-AC-I