

OMES OUTPUT RELAY MODULE (ADDRESSABLE)

The **OMES Output Relay Module** is a versatile, high-performance unit designed to extend the control capabilities of fire alarm systems by providing reliable relay outputs for external equipment. Whether triggering notification appliances, HVAC shutdowns, elevator recall, or door release mechanisms, this module offers dependable and responsive operation under critical conditions.

Key Features:

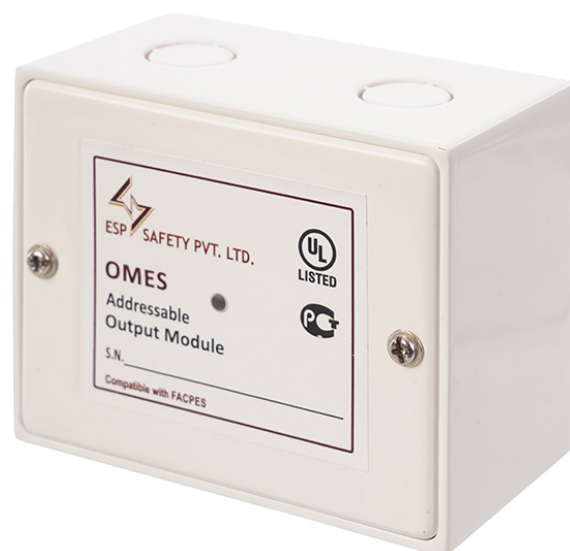
- **Multiple Configurable Relays:** Supports control of various external devices based on specific alarm or system conditions.
- **Flexible Integration:** Easily connects to conventional or addressable systems, offering broad compatibility across different fire alarm platforms.
- **Status Indicators:** Integrated LEDs for each output channel provide immediate visual feedback for monitoring and maintenance.
- **Compact & Robust Housing:** Designed for ease of installation in tight spaces while ensuring durability in demanding environments.

Applications:

- Fire and life safety systems
- Building automation and environmental control
- Access control and emergency systems
- Industrial and commercial facilities

Ease of Use & Installation:

With clearly labeled terminals and a user-friendly configuration process, the OMES Output Relay Module is engineered for quick installation and hassle-free integration. It enhances system flexibility by allowing tailored responses to a wide range of alarm conditions—making it a key component in any modern fire protection or building management solution



Areas of Use	Feature and benefits
<ul style="list-style-type: none">• Power stations and petroleum and gas stations• Commercial Buildings• Hotels• Tank ships and other vessels• Apartment• Storage of oily products Oil and gas industry LNG/PNG processing and• Offshore Platforms	<ul style="list-style-type: none">• Automatic and Manual self check for any internal component failure.• Color Status LED• Immune to false alarms• Ultra Fast Response Time• Compatible with all third party systems• Internationally Certified• RS-485 & DIP Switch Address Setting• ES-Rapid Addressable Protocol ©• Robust Construction

Specification**Operational Characteristics**

Voltage Supply	24 VDC (18-32 VDC)
Power Supply	<350uA on Standby <2mA Alarm Current
Communication	Addressable (ES-Rapid Protocol ©)

Operational Characteristics

Operating Temperature	0C to +60C.
Built In Test	Automatic & Manual
Humidity Range	10-95% RH (Non condensing)
Relative Humidity	0 to +95% RH
Ingress Protection:	IP42/44
Sensor Type	Relay
Relay Rating:	2 nos dry contact (form C Relay) 125VAC 1A, 30VDC 2A
LED	Normal: Red Blinking; Alarm: Constant RED
Ex Marking	Ex ia IIC T4 Gb

Mechanical Characteristics

Material	Flame Retardant Polycarbonate
Wiring	12-22 AWG
Weight	125 g

Certification

UL 864 (10th Edition)
Control Units and
Accessories for Fire
Alarm Systems