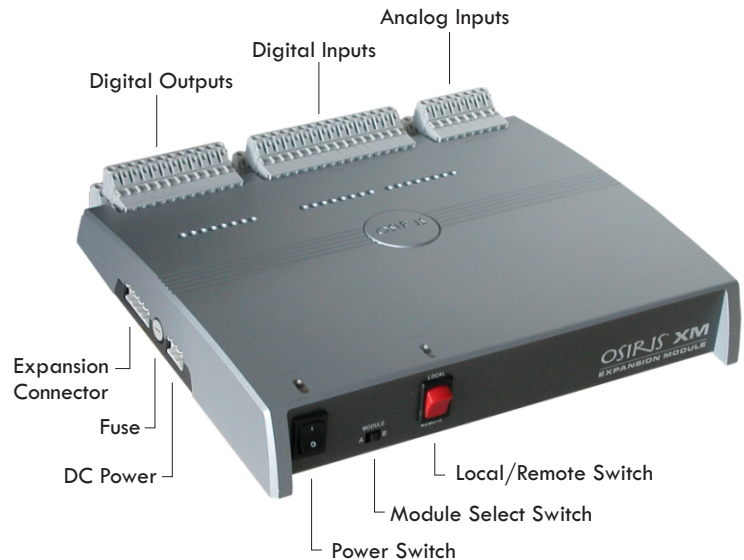


**OSIRIS™ X<sub>M</sub>** (OSI Remote Information System Expansion Module) is a convenient and affordable way to add I/O expansion to OSI's **OSIRIS™** Linux-based secure Remote Terminal Unit (RTU). **OSIRIS X<sub>M</sub>** can double or triple the point count of an **OSIRIS** unit (up to 48 Digital Inputs, 24 Relay Outputs and 24 DC Analog Inputs), effectively transferring the versatility, security and power of **OSIRIS** to additional points.

**OSIRIS X<sub>M</sub>** is identical to **OSIRIS** in point count, terminal blocks can be transferred without disturbing field wiring, and it is seamlessly supported by the **OSIRIS** configuration utility. It utilizes the built-in security features of **OSIRIS** to deliver secure communications over serial or IP-based connections.



## OSIRIS X<sub>M</sub> General Specifications

### Power Requirements

- 20V - 60V DC
- Optional External Universal Power Supply

### Environmental Monitoring

- Communications & Health LED

### Operating Conditions

- Operating Temperature -40° to 80°C (-40° to 176°F)
- Utility Grade: meets IEEE C37.90.1, IEC 61000-4-4

### Analog Inputs

- (8) optically isolated 16-bit analog inputs
- ±1V, ±5V, ±10V, ±1mA or 4-20mA inputs or as specified

### Digital Inputs

- (16) optically isolated digital inputs
- 12, 24, 48, or 125V bi-polar wetting voltage
- Optional internal wetting voltage
- 1ms time stamp resolution with configurable COS (Change of State) and SOE (Sequence of Events) recording

### Digital Outputs

- (8) clean contact Form C relay outputs
- Pulse on or hold
- Select Before Operate (SBO) functionality
- Maximum constant current: 6A
- Maximum momentary current (5 sec): 10A
- Maximum switched current: 10A @ 240VAC, 8A @ 30VDC
- Maximum switched voltage: 240V AC/DC

### Mounting

- Compact Size: 10 x 8.69 x 1.63 inches (25.5 x 22 x 4.2 cm)
- DIN rail
- Panel
- 1U 19" Rack
- Custom enclosures available

### Expansion Bus

- Robust 2-wire multi-drop communication



Product specifications in this document are subject to change without notice.

