



## ORDERING INFORMATION

### TANK HEATER MONITORING

The Optimizer3 monitors the tank heater's supply current using a universal power status monitor. Tank heaters are thermostatically controlled, so they do not run continuously. The power status monitor is wired in to the heater supply circuit and enables the current draw of the heaters to be monitored only when they are turned on. If one or more of the heater elements fails, the current draw will be too low and the Optimizer3 will assert a heater alarm.

#### UNIVERSAL POWER STATUS MONITOR

The universal power status monitor enables the Optimizer3 to monitor the AC current draw of circuit breaker tank heaters, cabinet heaters, or other high-powered electrical loads through its sensor input channels.



Model	Description
UPSM-241	Universal power status monitor with AC current transducer

#### Universal Power Status Monitor Specifications

- Coil voltage: 195 - 330 VAC
- Fuse rating: 3 amps
- Dimensions: 5.1" (130 mm) L x 5.1" (130 mm) W x 4" (102 mm) H

#### AC Current Transducer Specifications

- Selectable input current range: 0 - 10, 0 - 20, and 0 - 40 amps
- Power supply voltage: 12 - 30 volts DC
- Current accuracy: +/-2% from 10% to 100% of full scale

### TRIP CIRCUIT ISOLATION

The OM-TCI is a cost-effective method of complying with the Northeast Power Coordinating Council's regulation requiring physical isolation of critical circuits in medium and high voltage environments. OM-TCI is used to physically isolate dual trip circuits when used in conjunction with the Optimizer Circuit Breaker Monitor (OM3D / OM3D-F).



Model	Description
OM-TCI	Trip circuit isolator, includes transmitter, receiver, and a fiber optic interconnect
OM-TCI-DIN	Trip circuit isolator DIN Rail mounting kit

#### Specifications

- Dimensions: 5.8" (148 mm) L x 2" (53 mm) W x 5.8" (148 mm) H

