

**These devices protect equipment from common 3-phase faults, including:**

- Voltage unbalance
- Phase loss
- Rapid short-cycling
- High/low voltage
- Phase reversal
- Incorrect sequencing

**Input:**

**Voltage:** 190-630Vac  
**Voltage Unbalance:** Adj. 2-25%  
**Control:** 18-240Vac  
**Frequency:** 50/60 Hz

**Output:**

**Relay, SPDT, N.O., 10 amps**  
 (ICM400/450)  
**Relay, SPDT, N.C., 6 amps**  
 (ICM450 only)

## 3-Phase Line Monitor

**Features:**

- Low cost, full performance protection
- Monitors front and back sides of system
- 190-630Vac
- Bright LED indicators
- Identifies front and back side faults
- Knob adjustable features
- Auto or manual reset
- Built-in short cycle protection
- High/low fault at +or- 12% of line set point



## Programmable 3-Phase Line Monitor

**Features:**

- Fully programmable
- Monitors front and back sides of system
- 25 fault memory storage
- Independent high/low voltage setting
- Identifies front and back side faults
- High temp LCD withstands up to 167° F
- 190-630Vac operation
- Simultaneous voltage display – no scrolling
- Line voltage programmable
- Auto or manual reset
- Non-volatile memory
- Does not require control voltage for operation



ORDER #	DESCRIPTION
ICM400	3-phase Voltage Monitor
ICM450	Programmable 3-phase Voltage Monitor