

# POWER MONITORING

## THREE-PHASE VOLTAGE MONITORS

### MODELS 258, 269

#### DESCRIPTION

**Models 258** and **269** continuously monitor three-phase power lines for phase loss, phase reversal, and low voltage. **Model 269** also monitors for high voltage. **Models 258** and **269** do not require a neutral connection and can be used with any Wye or Delta systems. When correct voltage and phase rotation are applied, the internal relay will energize. A fault condition will de-energize the relay. When the fault is corrected, the monitor will automatically reset.



POWER MONITORING

#### SPECIFICATIONS

	B258B	258B	A258B	A269	B269	C269
Nominal AC voltage (phase to phase)	120	208/240	480	120	208/240	480
Adjustment range (VAC)	85-120	160-240	380-480	110-145 80-115	210-280 170-240	400-540 380-460
Frequency (Hz)	60	60	60	60	60	60
Power consumption (W)	0.75	1.5	4.5	1.5	3.0	6.0
Response time	50ms	50ms	50ms	Adj. 1-10 sec	Adj. 1-10 sec	Adj. 1-10 sec
Reset time	50ms	50ms	50ms	0.25 sec	0.25 sec	0.25 sec
Mounting	RB08-PC	RB08-PC	RB08-PC	Surface	Surface	Surface
Weight oz (g)	5 (141.7)	5 (141.7)	5 (141.7)	9 (255.1)	9 (255.1)	9 (255.1)
Approvals	UR, CSA	UR, CSA	UR*, CSA	UL, CSA	UL, CSA	UL, CSA

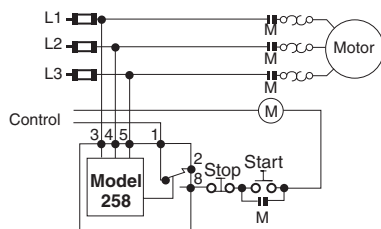
Repeat accuracy	±0.1% of set point (fixed conditions)
Reset type	Automatic
Deadband	Approx 2%
Output contacts	SPDT
Contact rating	10A @ 240 VAC, resistive

Operating temp	-40° to 131°F (-40° to 55°C)
Humidity	97% noncondensing

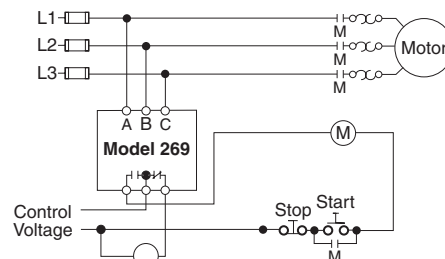
Dimensions	
<b>258</b>	1.95"H x 1.95"W x 3.25"D (4.96 x 4.96 x 8.25 cm)
<b>RB08-PC</b>	2.25"H x 2.0"W x 0.625"D (5.7 x 5.1 x 1.6 cm)
<b>269</b>	6.06"H x 3.88"W x 2.82"D (15.4 x 9.9 x 7.1 cm)

\*Condition of acceptability: **A258B** must be used with the **RB08-PC** socket.

#### WIRING



shown de-energized  
**258**



shown de-energized  
**269**

#### ORDERING INFORMATION

MODEL	DESCRIPTION
A258B	Three-Phase Voltage Monitor, 480 VAC
258B	Three-Phase Voltage Monitor, 208/240 VAC
B258B	Three-Phase Voltage Monitor, 120 VAC (use with Model 3PT3)
RB08-PC	600V/10A Socket (required with each 258 voltage monitor)
A269	Three-Phase Voltage Monitor, 120 VAC (use with Model 3PT3)
B269	Three-Phase Voltage Monitor, 208/240 VAC
C269	Three-Phase Voltage Monitor, 480 VAC