

**Model 272  
3-PHASE CURRENT  
UNBALANCE DETECTOR**

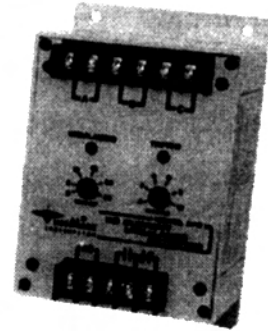
**11**

**CONTROLS & SENSORS**

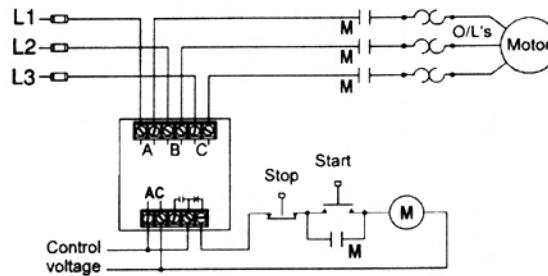
**SPECIFICATIONS**

MODEL	272-24	272-120
Nominal Supply Voltage	24 VAC	120 VAC
Supply Voltage Range	20 - 28 VAC	100 - 130 VAC
Max. Supply Voltage	30 VAC	140 VAC
Power Consumption	1.5W	
Frequency Range	50 - 400 Hz	
Current Range	1 - 5 amps AC	
Max. Input Current	40 amps for 2 seconds	
Unbalance Adjustment	2% to 25%	
Trip Delay	0.5 to 10 seconds ± 20%	
Contact Rating	SPDT 10A at 240 VAC	
Expected Relay Life	Mech: 10 million operations Elec: 100,000 at rated load	
Transient Protection	2500V for 10 msec	
Operating Temperature	- 40° to +131° F	
Humidity Tolerance	0-97% w/o condensation	
Enclosure Material	ABS plastic	
Weight	1 lb. 1.5 oz.	

- Automatic Reset
- Adjustable Trip Delay
- Adjustable Unbalance %



**TYPICAL APPLICATION**

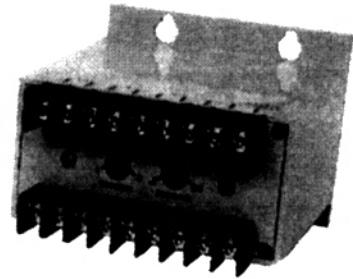


**Models 2742  
3-PHASE OVER OR UNDER  
CURRENT MONITOR**

**SPECIFICATIONS**

Model	2742-24	2742-115	2742-220
Supply Voltage	20-28V	100-130V	190-250V
Max.	(30V)	(140V)	(260V)
Power Consumption	1.5 Watts max.		
Transient Protection	2500 VRMS for 10 msec		
Frequency Range	50 - 400 Hz		
Current Range	1 to 5 amps ±5%		
Max. Input Current	40 amps for 2 seconds		
Trip Delay	0.2 to 20 seconds ± 5%		
Dead Band	4% max.		
Contact Rating	DPDT 10A at 240 VAC		
Expected Relay Life	Mech: 50 million operations Elec: 100,000 at rated load		
Operating Temperature	- 40° to +131° F		
Enclosure Material	ABS plastic		
Weight	1 lb. 5.9 oz.		

- Adjustable Trip Delay Timer
- Automatic or Manual Reset
- Use on Motors, Pumps, Conveyors



**TYPICAL APPLICATION**

