

1



### PMR-44 Electronic Phase Monitoring Relay

#### Features

- MCU Based Compact Design
- Multiple Protection Functions
- 2 - 15% Voltage Unbalance Setting
- Trip Cause Indication & Troubleshooting
- Manual / Electrical / Automatic Reset
- Ambient Insensitive
- Fail-safe Operation

#### Protection

Protective Item	Trip Time
Phase Reversal	0.1 sec
Phase Loss	1 sec
Voltage Unbalance	5 sec

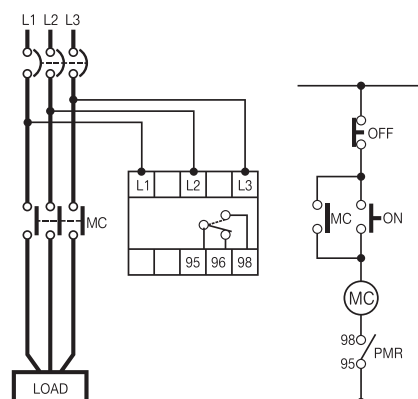
#### Specification

Control Voltage	Type	Range
	220	3 160 - 300VAC, 50/60Hz
Reset	440	3 340 - 480VAC, 50/60Hz
		Manual (Instantaneous) / Electrical Automatically reset with 5 sec delay when supply power comes to normal.
Output Relay	Mode	1 - SPDT (1C)
	Rating	5A/250VAC Resistive
	Status	Normally Energized
Mounting		35mm DIN-rail/Rail

#### Troubleshooting

Condition		LED Signal (Pulse Chart)			
		Green LED		Red LED	
Normal Run		On		Off	
Voltage Unbalancing		On		On	
Trip	Voltage Unbalance	Off		On	
	Phase Loss	R	Off	Flickering	
		S	Off	Flickering	
		T	Off	Flickering	
	Phase Reversal			Flickering alternatively	

#### Typical Wiring



Shown without applied power ("N" Type)