

## FICHA TECNICA

Producto	:	Rele fase
Marca	:	GIC
Modelo	:	MGH3BF
Caract.	:	Monofasico, Trifasico 220V
Certificac.	:	



MGH3BF

# Voltage Monitoring Series SM 500

- Protects against Phase Loss, Phase Reversal & Phase Asymmetry
- Can be configured for 3 Phase 4 Wire or 1 Phase system
- Selectable Over Voltage / Under Voltage Trip level
- Selectable Time Delay
- LED Indications for Power and Fault conditions
- Voltage Sensing principle
- 1 C/O or 2 C/O Configuration

Supply Voltage (φ)	240 VAC (1 Phase & 3 Phase, 4 Wire)		
Frequency	50/60 Hz		
Power Consumption (Max.)	4 VA (Max)		
Trip Settings	Phase Loss	Yes	
	Phase Sequence	Yes	
	Phase Asymmetry	10% (of φ)	
	Under Voltage	55% to 95% (of φ)	
	Over Voltage	105% to 125% (of φ)	
	Hysteresis	7 V (± 2 V)	
Time Delay	ON Delay	0.5 to 15 s (Selectable)	5 s
	Trip Time (OFF Delay)	5 s	0.5 to 15 s (Selectable)
Output	Relay Output	2 C/O	
	Contact Rating	5A @ 250 VAC / 28 VDC (Resistive)	
	Electrical Life	1X10 <sup>5</sup>	
	Mechanical Life	3X10 <sup>6</sup>	
Utilization Category	AC - 15	Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3.0/1.5 A	
	DC - 13	Rated Voltage (Ue): 24/125/250 V, Rated Current (Ie): 2.0/0.22/0.1 A	
LED Indication	Separate indications for Power ON, UV and OV; ON: Phase Reverse; BLINK: Phase Asymmetry		
Operating Temperature	-15° C To + 55° C		
Storage Temperature	-25° C To + 70° C		
Humidity (Non Condensing)	95% (Rh)		
Enclosure	Flame Retardant UL 94-V0		
Dimension (W x H x D) (in mm)	36 X 60 X 90		
Weight (unpacked)	120 g		
Mounting	Base / DIN rail		
Degree of Protection	IP 20 for Terminals, IP 40 for Enclosure		

