

TRIP-CONNECT SERIES

12-01035

rev0

Trip-connect 3P-V2

Features

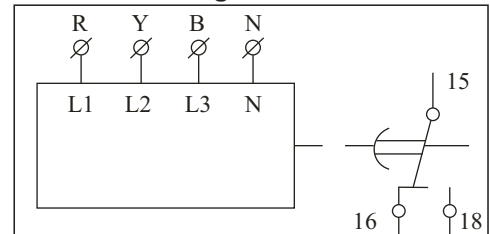
- LCD Display with Green backlight
- Multi-Voltage: Three Phase 4 Wire & Three Phase 3 Wire @ 145-500VAC
- Protection against:
 - * Phase Loss
 - * Phase Asymmetry
 - * Under & Over Frequency
 - * Phase Sequence
 - * Under & Over Voltage
- Selectable
 - * Under/Over Voltage
 - * Phase Loss
 - * Under/Over Frequency
 - * Asymmetry
 - * Phase Sequence
- Can be configured for 3 Phase 3 Wire / 3 Phase 4 Wire Systems
- Adjustable ON/OFF Time Delay in seconds/minutes
- 5A Single relay output
- Password Protection
- Log of 5 previous faults for better monitoring
- Fail safe/Non-Fail safe relay output
- Latch (Manual) & Non-Latch (Auto) Modes



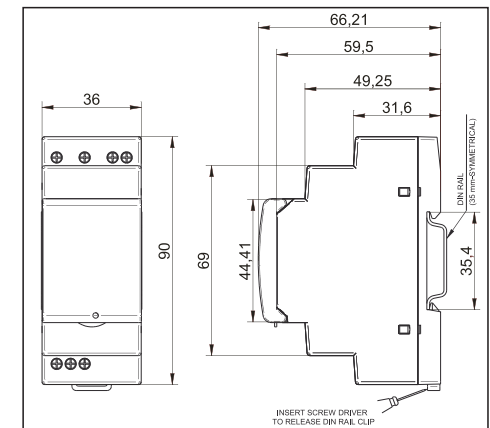
*Specifications subject to change without prior notice due to continuous improvements

Specifications			
Supply Voltage (±)	145 - 500 VAC		
Frequency	45 to 65 Hz		
Trip Settings	Phase Loss	Configurable (Enable/Disable) (Default : Enable)	
	Phase Reverse	Configurable (Enable/Disable) (Default : Enable)	
	Phase Asymmetry	2 to 50%	
	Under Voltage	Phase voltage : 90 to 288 VAC	
		Line voltage : 155 to 500 VAC	
	Under Voltage Hysteresis	3 to 20VAC +/- 2V (7V Default)	
	Over Voltage	Phase voltage : 90 to 288 VAC	
		Line voltage : 155 to 500 VAC	
	Over Voltage Hysteresis	3 to 20VAC +/- 2V (7V Default)	
	Under Frequency	45 to 65 Hz	
Over Frequency	45 to 65 Hz		
Frequency Hysteresis	0.1 to 5 Hz		
Asymmetry	Voltage : 5 to 99 VAC (Default 60V)		
	Percentage : 2 to 50%		
Hysteresis for Asymmetry	Voltage : 3 to 99 VAC +/- 2V (Default 7V) Percentage : 2 to 15%		
Power Consumption (Max.)	5 VA		
Time Delay	ON Delay	2sec to 999sec (Default : 5sec)	
	Trip Time (OFF Delay)	0.1 to 999sec (Phase loss & Phase reverse : <100ms) Default : Neutral Loss is <500ms & UV, OV, Asymmetry fault 5sec.	
Output	Relay Output	1 C/O	
	Contact Rating	5A (Resistive) @ 240 VAC / 30 VDC	
	Electrical Life	1X10 ⁶ Operations	
	Mechanical Life	1X10 ⁷ Operations	
Utilization Category	AC-15	(V)	120/240 V
		(A)	3/1.5 A
	DC-13	(V)	24/125/250 V
		(A)	2/0.22/0.1 A
Operating Temperature	-10°C to + 60°C		
Storage Temperature	-20°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 90 x 67		
Weight	100 g		
Mounting	Base / DIN		
Degree of Protection	IP-20 for Enclosure & Terminals, IP-40 with Front Facia for Dust cover		

Connection Diagram



Dimensions



Micro-Ctrl

<https://www.micro-ctrl.co.za>

083-4505101

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