TRIP-CONNECT SERIES

12-01035 rev0

Trip-connect 3P-V2

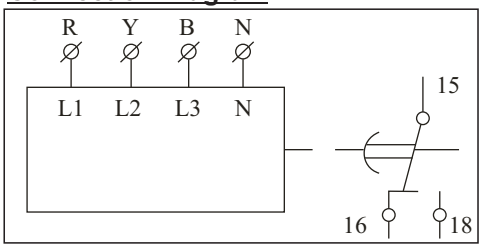


*Specifications subject to change without prior notice due to continuous improvements

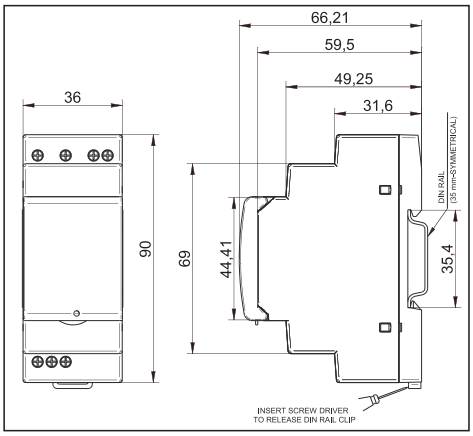
Features

- LCD Display with Green backlight
- Multi-Voltage: Three Phase 4 Wire & Three Phase 3 Wire @ 145-500VAC
- Protection against: * Phase Loss * Phase Sequence
  * Phase Asymmetry * Under & Over Voltage
  *Under & Over Frequency
- Selectable * Under/Over Voltage * Asymmetry
  * Phase Loss * Phase Sequence
  * Under/Over Frequency
- Can be configured for 3 Phase3 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

Connection Diagram



Dimensions



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		$1X10^5$ 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 Storage Temperature			-10°C to + 60°C -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

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