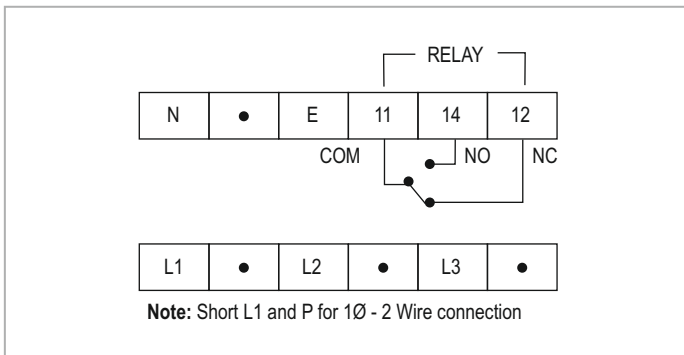
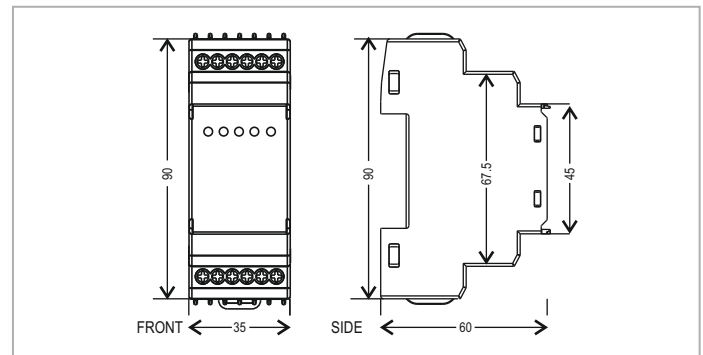


Hysteresis	
Voltage	7V ($\pm 2V$) of trip setting
Accuracy	
Trip setting accuracy	$\pm 5\%$ of Full scale
Time setting accuracy	$\pm 10\%$ of Full scale
Output specifications	
Relay contact	2 C/O (DPDT)
Relay rating	5A @250V AC / 28V DC
Auxiliary supply specifications	
Nominal input voltage	230V AC (L-N)
Operating voltage	127 to 288V AC (L-N)
Frequency	48/63 Hz
Power consumption	5VA max
Environmental specifications	
Temperature	Operating temperature: -10° to 55° C Storage temperature: -25° to 70° C
Humidity (non-condensing)	Upto 95% RH pollution degree
For PCB	2
For product	3
Degree of protection devices	IP20
Mechanical specifications	
Mounting	DIN rail
Weight	150 gms

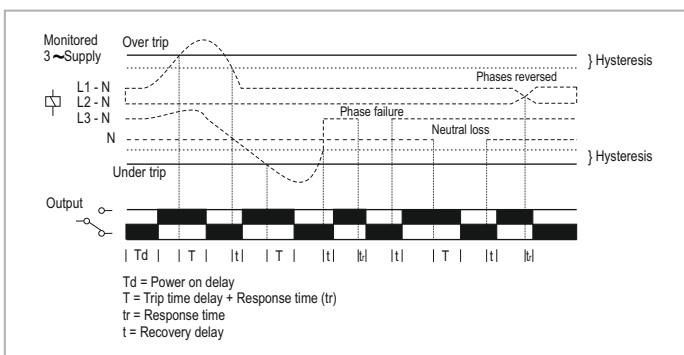
Terminal connections



Dimensions (All are in mm)



Timing diagram



Compliance

Applicable EMI / EMC standards		
Product standard : IEC 60947-2		
Category	Reference standards	Testing level
Electrostatic discharge	IEC 61000-4-2	Level-3
Electrical fast transient / Brust	IEC 61000-4-4	Level-3
Electromagnetic field	IEC 61000-4-3	Level-3
Surge	IEC 61000-4-5	Level-3
Conducted RF	IEC 61000-4-6	Level-2
Rated power frequency	IEC 61000-4-8	Level-4
Voltage dip / Short interruptions	IEC 61000-4-11	Level-3
Conducted emissions	CISPR-11	Class-B
Radiated emission	CISPR-22	Class-A
Emission & Immunity	IEC 61326-1	
Safety	IEC 61010-1	

Ordering information

Product code	Supply voltage	Certification
VPRA2M-CE	127 to 288V AC	CE