



VOLTAGE PROTECTION RELAY

VPR-17

APPLICATIONS

Electrical LV panels

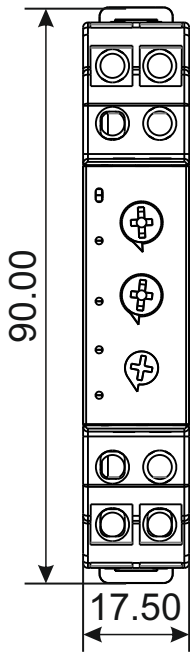
Distribution boxes

Automation panels

Special purpose machine

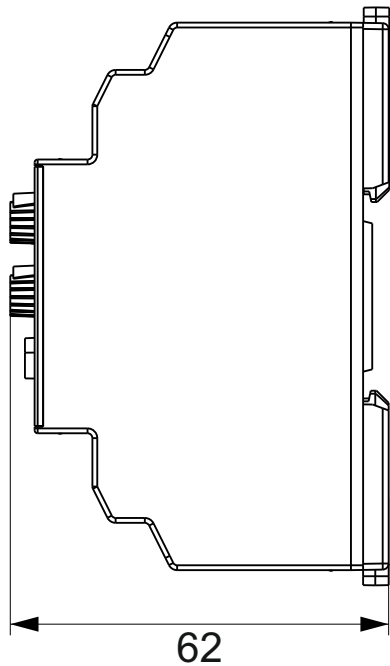
Air conditioning - HVAC

Mechanical Dimensions



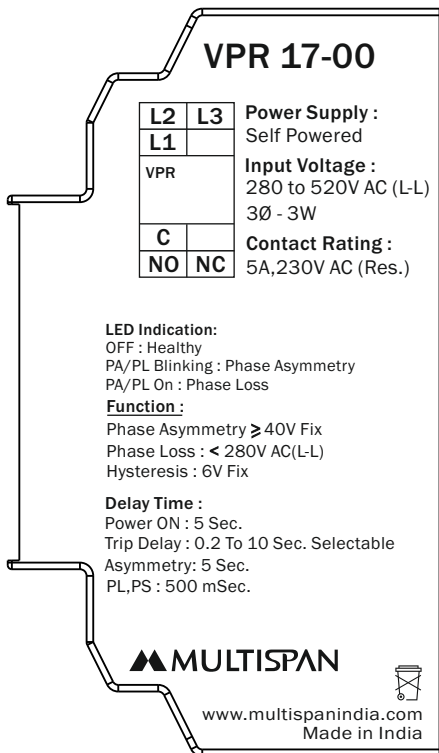
FRONT VIEW

All dimensions are in mm



RIGHT SIDE VIEW

Connection Diagram



TECHNICAL DATA

Mounting	DIN Rail Mounting
Output	1Relay 1 C/O 5A 230V AC (Res.)
Supply Voltage	280 to 520V AC, 50/60 Hz, 3Ø3W

FEATURES
• Auto Reset
Protection Available
• Under Voltage
• Over Voltage
• Phase Sequence
• Phase Loss
• Phase Asymmetry

LED Indication
• Under Voltage LED
• Over Voltage LED
• Phase Sequence LED
• Phase Loss : PA/PL LED ON
• Phase Asymmetry : PA/PL LED Blinking

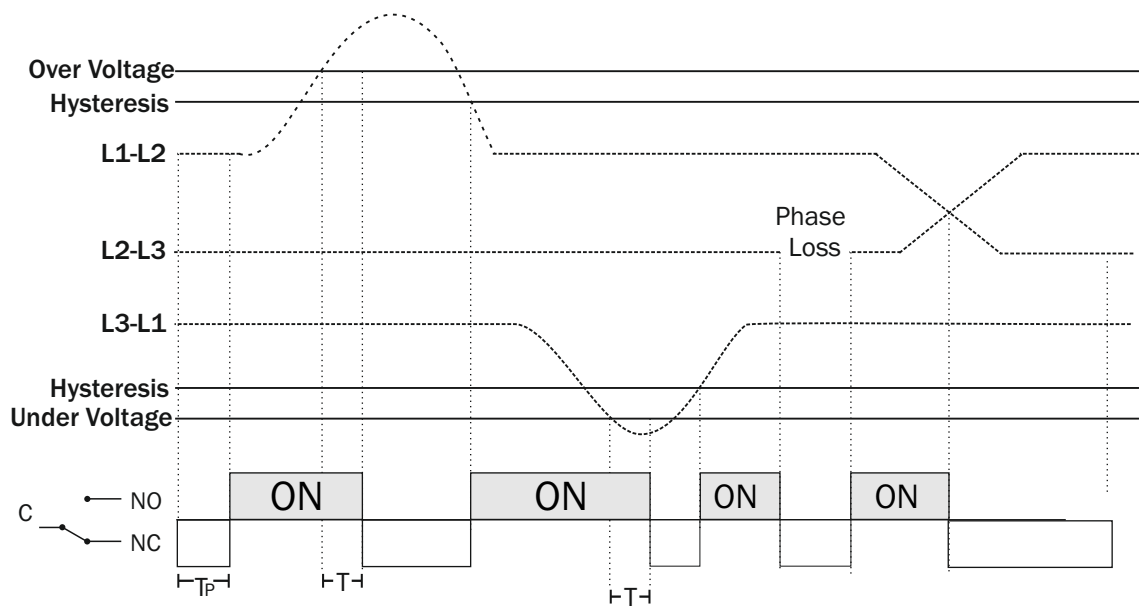
SUPPLY VOLTAGE	
Input Voltage	280 to 520V AC,3Ø3W
Burden	7VA @ 415V AC Max

Environmental	
Operating Temperature	0 to 55 °C
Storage Temperature	0 to 70 °C
Himidity	95% RH Non-condensing

TRIPPING PARAMETER	
Rated Voltage	415V AC (L-L)
• Under Voltage	315 to 405 (L-L)
• Over Voltage	425 to 515 (L-L)
• Phase Sequence	500ms
• Phase Loss	500ms
• Phase Asymmetry	40V Fix

Dimensions	
Mounting	Din Rail Mounting
Bezel (HXW)	90 x 17.5 mm
Depth of Installation	62 mm

CONTROL FUNCTION



Phase Loss	< 280V AC (L-L)	T_P = Power ON Delay (5 sec)
Phase Asymmetry	40V AC (L-L)	T = Trip Delay (0.2 to 10 sec)
Hysteresis	6 V	