

Phase Sequence Relay

PSR 17-00

APPLICATIONS

Electrical Control Panel

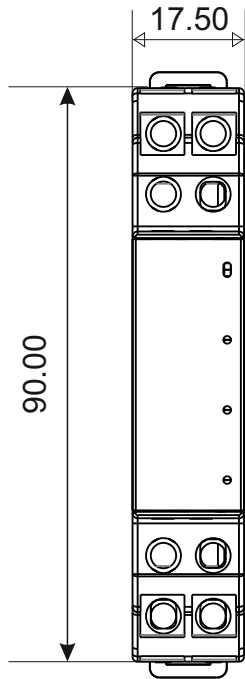
Submersible Pump

Road Construction Panel

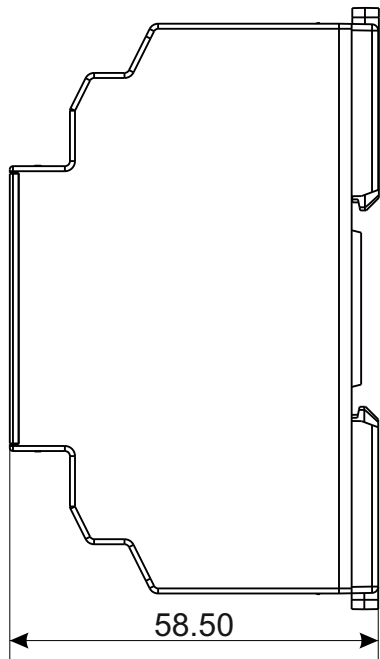
MCC Panel

D.G. Set

Mechanical Dimensions



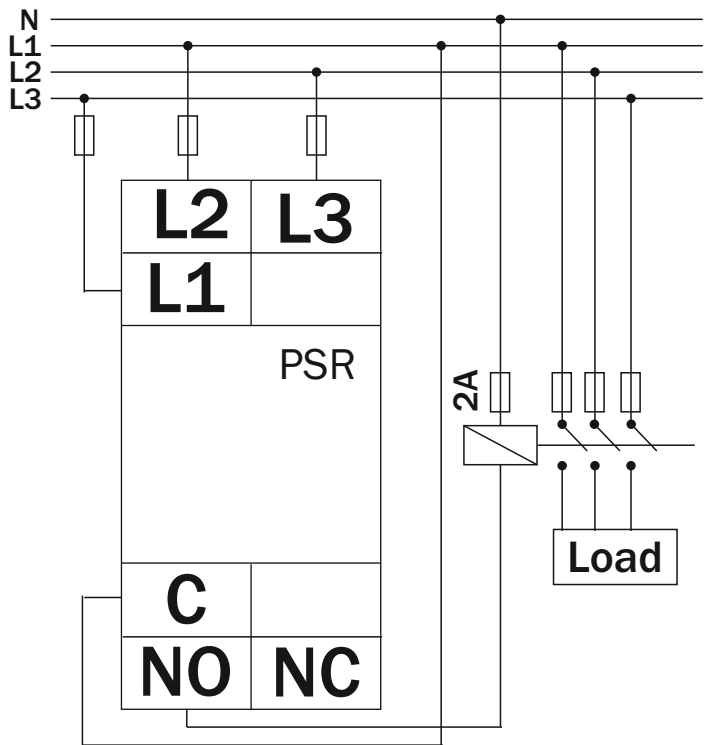
FRONT VIEW



RIGHT SIDE VIEW

All dimensions are in mm

Connection Diagram



TECHNICAL DATA

Mounting	DIN Rail Mounting
Output	1Relay 1 C/O 5A 230V AC (Res.)
Supply Voltage	154V to 500V AC, 50/60 Hz, 3Ø3W
Certificate	CE UK CA

FEATURES
• Auto Reset
Protection Available
• Phase Sequence
• Phase Loss
• Phase Asymmetry

LED Indication
• Phase Sequence
• Phase Loss
• Phase Asymmetry
• Main Led

SUPPLY VOLTAGE	
Input Voltage	154 to 500V AC,3Ø3W
Burden	2VA @ 415V AC Max

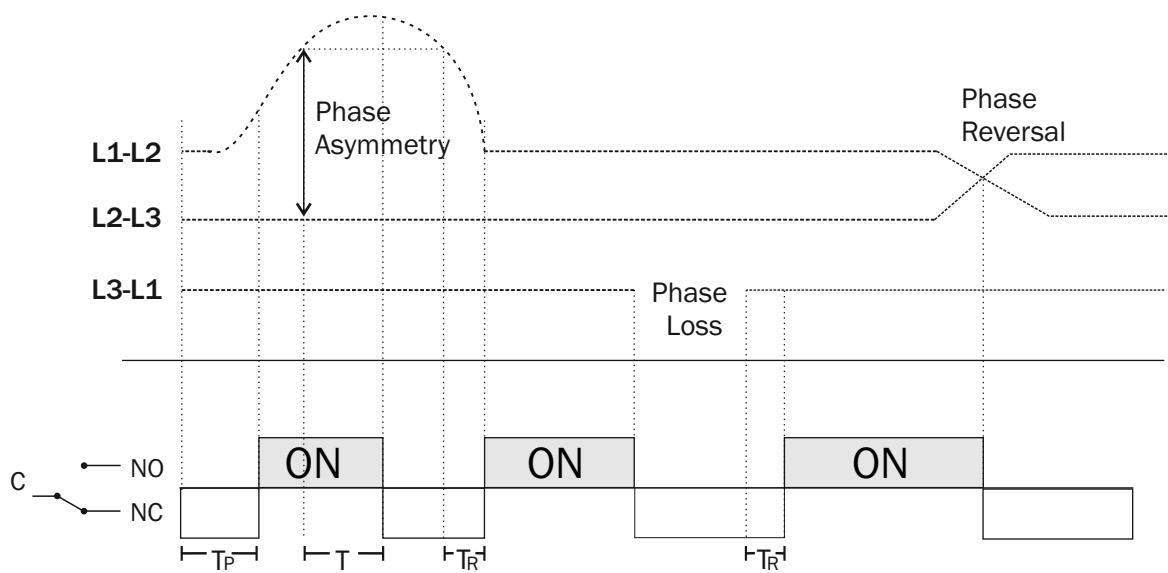
OUTPUT	
Relay	1 Relay 1C/O, 5A, 230V AC (Resistive Load)

TRIPPING PARAMETER	
• Phase Sequence	500ms
• Phase Loss	500ms
• Phase Asymmetry	5 Second 40V Fix

Environmental Characteristics	
Working Temperature	0 to 55 °C
Storage Temperature	0 to 85 °C
Relative Humidity	95% RH Non-condensing

Mechanical Characteristics	
Mounting Type	Din Rail Mount
Dimension (HxWxD) mm	90 x 17.50 x 58.50
Material	Body Polycarbonate (PC)
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14
Weight (Approx) gms	Unpacked : 200 Packed : 255

CONTROL FUNCTION



Phase Loss < 154V AC (L-L)
Phase Asymmetry 40V AC (L-L)
Hysteresis 6 V

T_P = Power ON Delay (<500ms)
 T = Trip Delay (<5 Sec)
 T_R = Reset Time (<500ms)