



CURRENT PROTECTION RELAY

CPR-35

APPLICATIONS

DG Set Panels

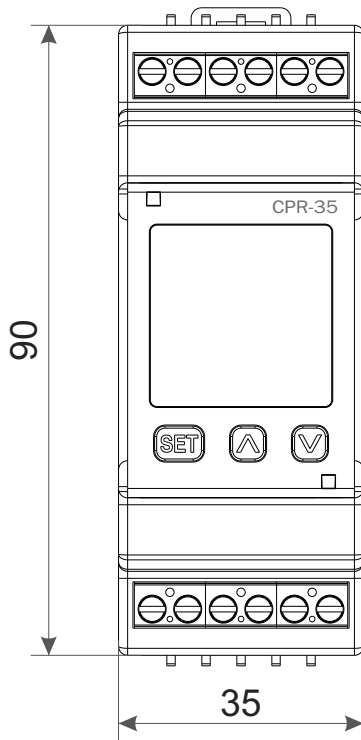
Motor Control Center Panels

Control Panels

Distribution Panels

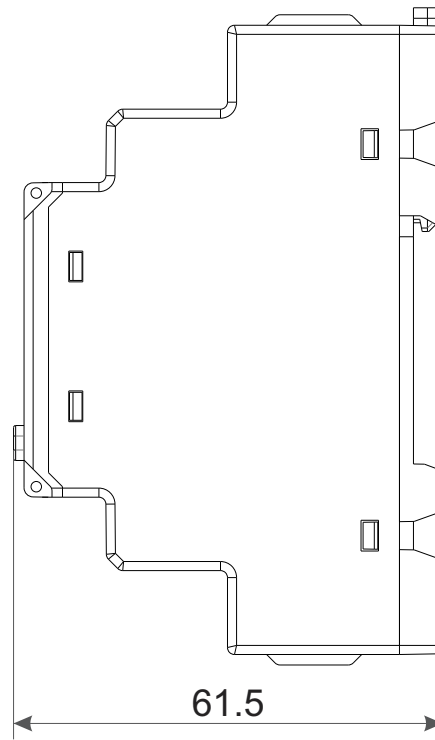
Process Control

Mechanical Dimensions



FRONT VIEW

All dimensions are in mm



RIGHT SIDE VIEW

Connection Diagram

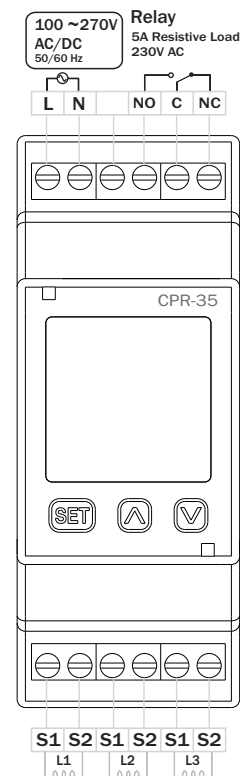
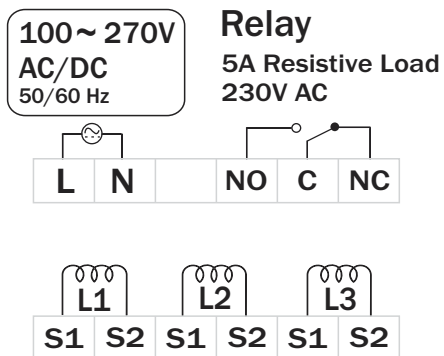
Input Current

50mA To 5Amp AC

CT Primary: 5 To 999 Amp AC

Selectable

CT Secondary: 5 Amp AC



Mounting	DIN Rail Mounting
Input Current	Primary 5 To 999 Amp AC (CT Selectable)
	Secondary 0.05 To 5 Amp AC (Direct)
Output	Relay 1 C/O (NO-C-NC) 5A 250 V AC / 30V DC
Power Supply	100 to 250V AC , 50/60 Hz

Features

- Auto/Manual/ZVR (Zero Value Reset) Reset Option
- Power Fail Fault Memory
- Time parameter : Power on delay
- Trip delay
- Initial time delay
- Recovery time (Auto reset / ZVR)

Protection Available

- Over Current
- Under Current
- Current Asymmetry
- Single Phase Prevention

Input

Direct Current	Primary 5 to 999 Amp AC (CT Selectable)
	Secondary 0.05 To 5Amp AC (Direct)
Resolution	0.01A, 0.1A, 1A

Auxiliary power supply

Power Supply	100 to 250V AC/DC, 50/DCHz
Burden	3VA @230V AC Max

Display, Led & Keys

Display	0.4" Red LED , 3 Digit 0.28" Green LED , 3 Digit
Key	SET , Increment , Decrement
LED Indication	Line 1, Line 2, Line 3 Relay

Setting parameter

Trip Setting

Under Current	0.00 to 100% of Primary C.T Value
Over Current	0.00 - 120% of Primary C.T Value
Current Asymmetry	2-30%

Time parameter

Power ON Delay Time	0 to 99 Seconds
Trip Delay Time	0 to 999 Seconds
Recovery Time	0 to 99 Seconds
Initial Time Delay	0 to 99 Seconds

Output

Relay	Relay with 1 C/O.5A 230 V AC On Resistive Load
--------------	--

Accuracy

Class 1.0 (Standard)

Environmental

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

Mechanical Characteristics

Mounting Type	Din Rail Mount	
Dimension (HxWxD) mm	90 x 35 x 61.5	
Material	Body	Polycarbonate (PC)
Terminal Screw Size	M3	
Screw Torque (N.m)	1	
Wire Guage (AWG)	28-12	
Weight (Approx) gms	Unpacked : 130 Packed : 160	