



CURRENT CONTROLLER

CC 12

APPLICATIONS

Electrical Control Panel

Submersible Pump

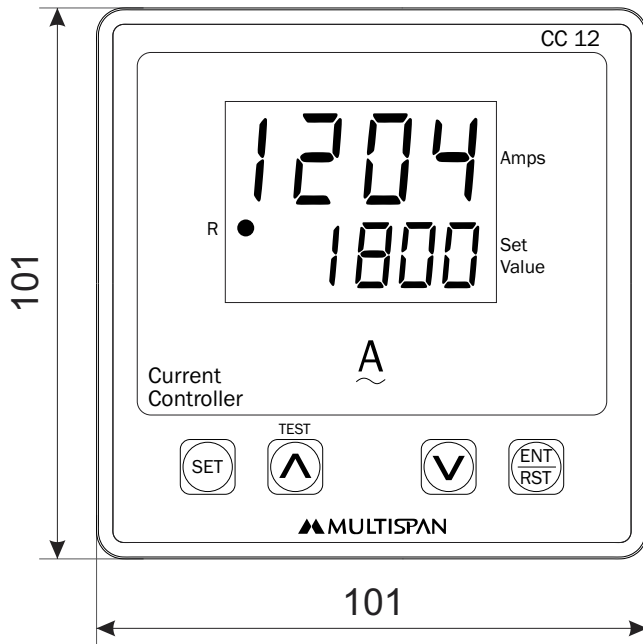
Road Construction Panel

MCC Panel

Industrial Chiller & HVAC System

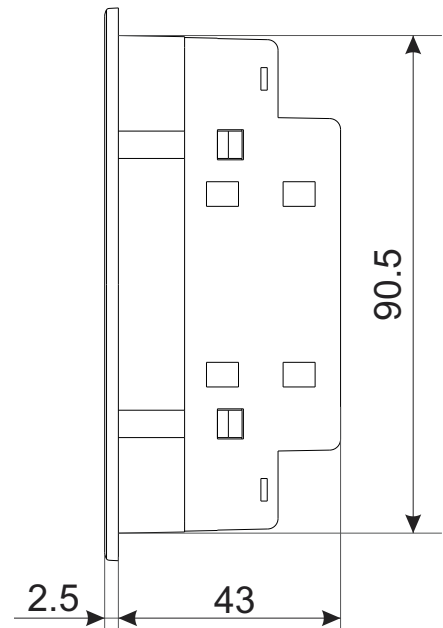
Mechanical Dimensions

Body Dimensions



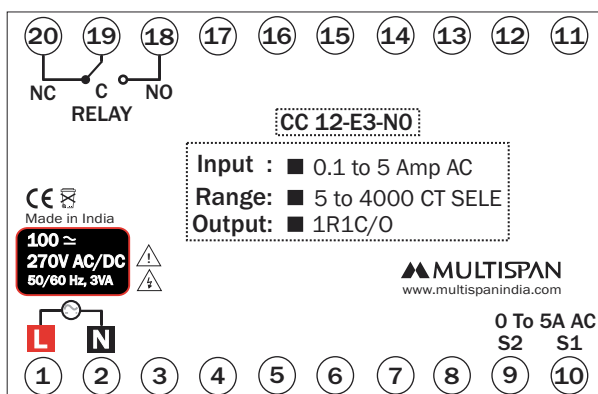
FRONT VIEW

All dimensions are in mm

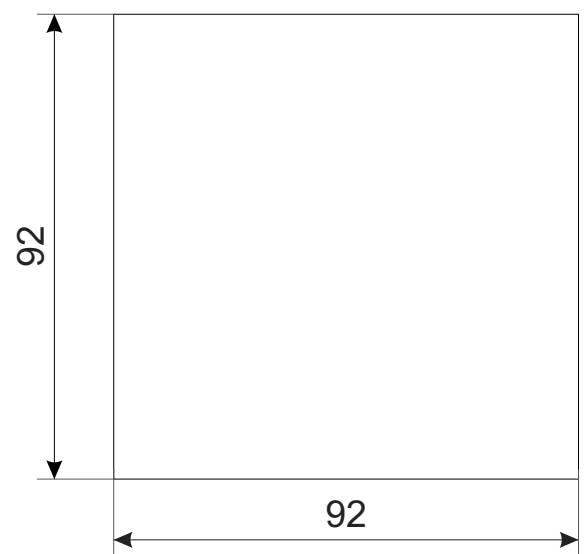


RIGHT SIDE VIEW

Connection Diagram



Panel Cutout



TECHNICAL DATA

Input Current	0 to 5Amp AC
CT Ratio	5 to 4000
Accuracy	Class 0.2
Output	1 Relay (NO-C-NC)
Supply	100-270V AC/DC, 50/60 Hz
Certificate	CE

Input	
Current AC	
Primary CT Ratio	5 to 4000A Programmable
Secondary Current AC	60mA to 5Amp
Burden	<0.2 VA
Overload	UP to 6A Continues
Starting Current	60mA

Auxiliary Power Supply	
Power Supply	100 to 270V AC/DC, 50/60Hz
Burden	3VA

Display LED & Keys		
Display	Upper	4 Digit 7 seg 0.70" White LED Display
	Lower	4 Digit 7 seg 0.50" Green LED Display
Key	SET, INC, DEC, ENT/RST	
LED	RELAY	

Tripping Facility	
High Alarm, Low Alarm, Inband Alarm, Absolute Outband Alarm, Absolute Low Alarm, Outband Alarm	

Output	
Control Type	ON-OFF
Relay	1Relay (NO-C-NC)
Rating	5A, 230V AC / 28V DC Resistive Load

Environmental Characteristics	
Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing
Warm up Time	5 Minutes

Mechanical Characteristics	
Mounting Type	Panel Mount
Dimension (HxWxD) mm	101 x 101 x 43
Panel Cutout (HxW) mm	92 x 92
Material	Front: Polycarbonate (PC) Enclosure: ABS
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14
Weight (Approx) gms	Unpacked : 170 Packed : 225
Accessories	1 Pair of Mounting Clamps