



# CURRENT CONTROLLER

CC-12

## APPLICATIONS

Electrical Control Panel

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Submersible Pump

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Road Construction Panel

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MCC Panel

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Industrial Chiller And HV AC System

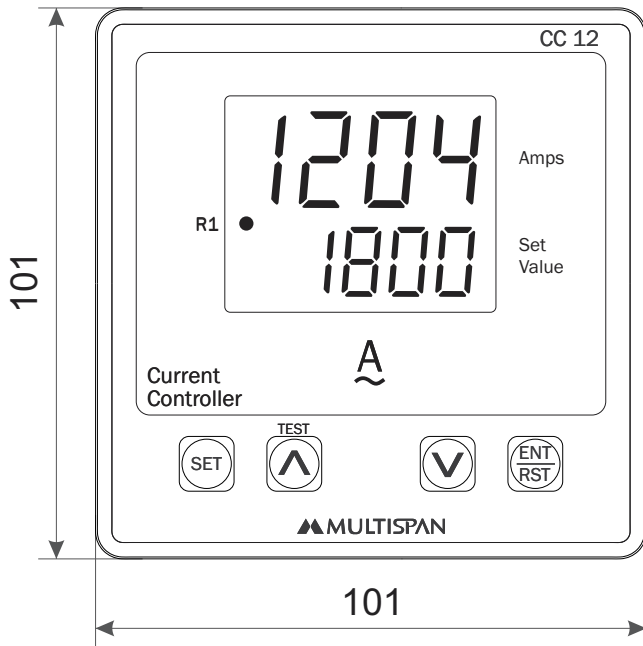
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D.G. Set

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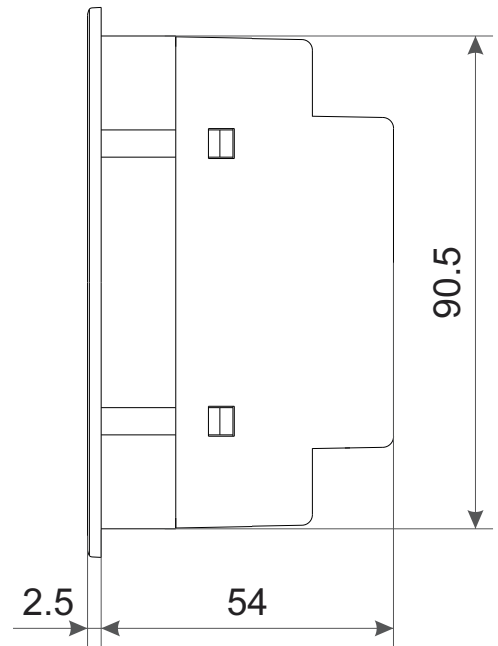
# Mechanical Dimensions

## Body Dimensions



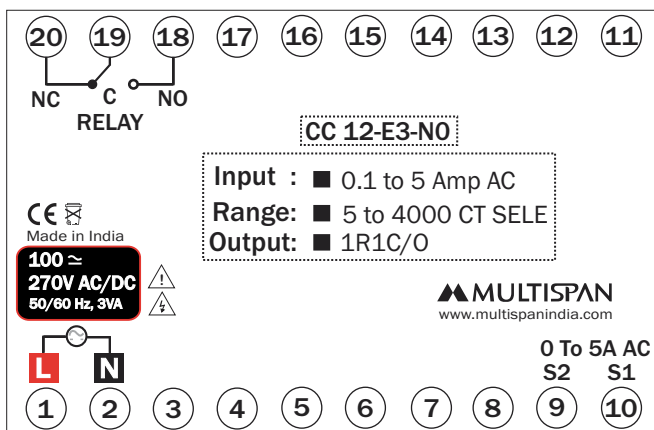
**FRONT VIEW**

All dimensions are in mm

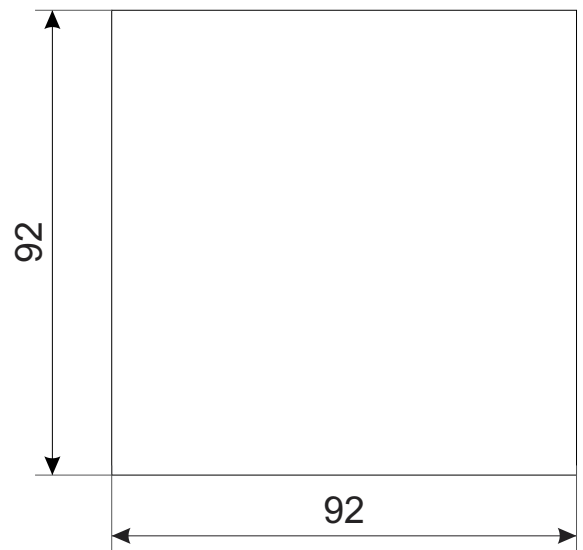


**RIGHT SIDE VIEW**


## Connection Diagram



## Panel Cutout



# TECHNICAL DATA

<b>Input Current</b>	0.1Amp to 5 Amp 5A to 4000/5A CT Ratio Selectable
<b>Accuracy</b>	Class 1.0
<b>Certificate</b>	

## Tripping Facility

- ▶ High Alarm
- ▶ Low Alarm
- ▶ Inband Alarm
- ▶ Absolute Outband Alarm
- ▶ Absolute Low Alarm
- ▶ Outband Alarm

## Input

### Current AC

<b>Primary CT Ratio</b>	5 To 4000A Programmable
<b>Secondary Current AC</b>	0.1Amp to 5 Amp
<b>Resolution</b>	0.1A,1A
<b>Overload</b>	UP to 6A Continuous
<b>Starting Current</b>	1Amp

## Display LED & Keys

<b>Key</b>	SET, ENT, INC, DEC
<b>LED Indication</b>	Relay

## Accuracy

Class 1.0

## Auxiliary Power Supply

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

## Time Parameter

<b>Starting Delay Time</b>	0 to 999 Seconds
<b>Trip Delay Time</b>	0 to 999 Seconds

## Environmental Characteristics

<b>Working Temperature</b>	0 to 55 °C
<b>Storage Temperature</b>	0 to 55 °C
<b>Relative Humidity</b>	95% RH Non-condensing
<b>Warm up time</b>	5 minutes

## Mechanical Characteristics

<b>Mounting Type</b>	Panel Mount
<b>Dimension (HxWxD) mm</b>	101 x 101 x 54
<b>Panel Cutout (HxW) mm</b>	92 x 92
<b>Material</b>	Front Enclosure Polycarbonate (PC) ABS
<b>Terminal Screw Size</b>	M3.5
<b>Screw Torque (N.m)</b>	0.5
<b>Wire Gauge (AWG)</b>	26-14
<b>Weight (Approx) gms</b>	Unpacked : 200 Packed : 255
<b>Accessories</b>	1 Pair of Mounting Clamps