



# CURRENT CONTROLLER

CC 12

## **APPLICATIONS**

**Electrical Control Panel** 

**Submersible Pump** 

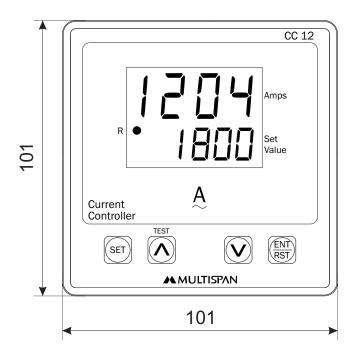
**Road Construction Panel** 

**MCC Panel** 

**Industrial Chiller & HVAC System** 

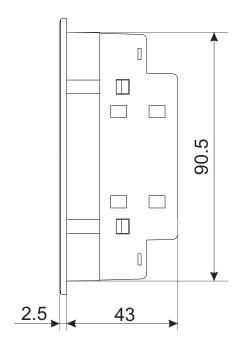


## **Mechanical Dimensions Body Dimensions**





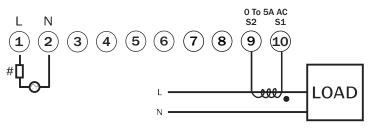
All dimensions are in mm



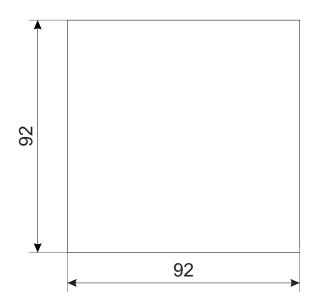
**RIGHT SIDE VIEW** 

### **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	
<b>Secondary Current AC</b>	60mA ro 5Amp	
Burden	<0.2 VA	
Overload	UP to 6A Continues	
Starting Current	60mA	

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

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

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	

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

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

Mechanical Characteristics		
Mounting Type	9	Panel Mount
Dimension (HxWxD) mm		101 x 101 x 43
Panel Cutout (HxW) mm		92 x 92
Material En	Front	Polycarbonate (PC)
	Enclosure	ABS
Terminal Scre	w Size	M3.5
Screw Torque	(N.m)	0.5
Wire Guage (A	AWG)	26-14
Weight (Appro	ox) gms	Unpacked: 170 Packed: 225
Accessories		1 Pair of Mounting Clamps

**CC 12 Current Controller** 

**Outband Alarm**