

# CTR-63

## Current Transducer



### Features

- 1.5KV isolation between supply, input & output
- Linearized O/P
- Zero & span correction facility through trim port
- Fast Response time <150ms
- Din Rail Mounting

### Specification

• <b>Input</b>	0 to 5A AC(TRUE RMS)
• <b>Output</b>	4 to 20mA DC
• <b>Power Supply</b>	100 to 250V AC,50/60Hz
• <b>Accuracy</b>	± 1 % FSD

### Application

- Field Interface device
- Impedance matching of transmitters and receiver
- Isolation of field signals
- Distribution of signals
- Factory automation
- Powering of field Transmitters

### Physical

• <b>Mounting Type</b>	Din Rail
• <b>Enclosure Material</b>	ABS
• <b>Size ( HxWxD ) mm</b>	76 X 27 X 85

### Environmental

• <b>Ambient Temperature</b>	0 to 55 °C
• <b>Relative Humidity</b>	95% RH Non-Condensing
• <b>Protection</b>	Conformal Coating on PCB

# Technical Specifications

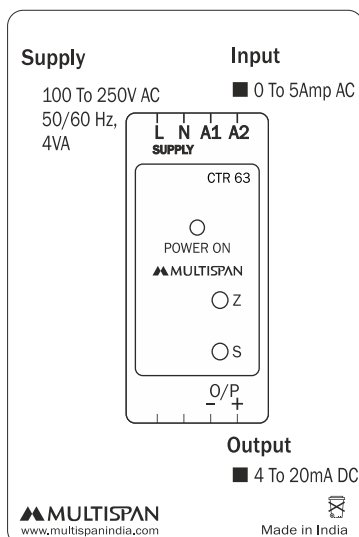
## Input

Input	Current 0 to 5A AC(TRUE RMS)
Input Impedance	>100K $\Omega$
CMRR	>120 db ( Typical )
Temperature Co-efficient	<100 PPM

## Output

Output	Current 4 TO 20mA DC
Response Type	<150 ms $\Omega$
Output Impedance	$\leq$ 500 $\Omega$

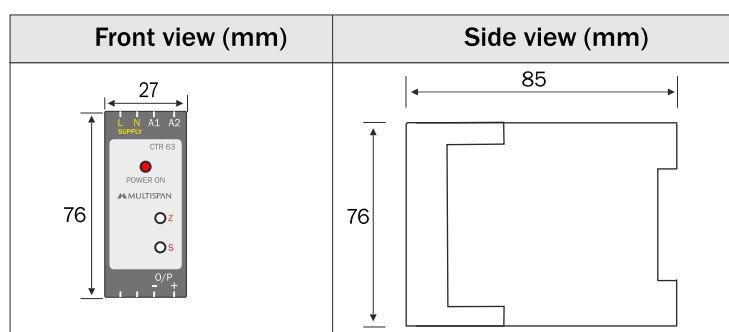
## Connection Diagram



## Power Supply

Auxiliary Voltage	100 - 250V AC
Power Consumption	less than 4VA
Isolation type	Optical - 3 way
<b>Isolation</b>	
Isolation between supply and Input	At least 1.5KV AC for 1 min.
Isolation between supply and Output	At least 1.5KV AC for 1 min.
Isolation between Input and Output	At least 1.5KV AC for 1 min.

## Mechanical Dimension



Multispan reserves the right to change specifications without prior notice. Printing and typographical errors reserved.  
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