

CTR-632

CURRENT TRANSDUCER



Features

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

Specification

- **Input** 0 TO 5A AC, 0 TO 1A AC Factory set
- **Output 1 & 2** 4 To 20mA DC, 0 TO 10V DC Factory set
- **Power Supply** 100 to 270V AC, 50/60Hz or 24V DC (Factory SET any one)
- **Accuracy** $\pm 1\%$ 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

- **Mounting Type** Din Rail
- **Terminal Cable Size** Barrier Type Terminal Cable Size (2.5 mm²)
- **Enclosure Material** ABS
- **Size (HxWxD) mm** 76 X 27 X 85

Environmental

- **Ambient Temperature** 0 to 55 °C
- **Relative Humidity** 95% RH Non-Condensing
- **Protection** Conformal Coating on PCB

Technical Specifications

Input

Input	0 To 5A or 0 To 1A Factory set
CMRR	>120 db (Typical)
Temperature Co-efficient	<100 PPM

Output

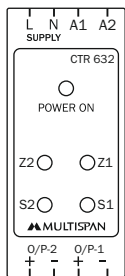
Output 1 & 2	4 To 20mA DC Or 0 To 10V DC Factory set
Output Impedance	> 500Ω

Connection Diagram

CTR 632

Supply
100 To 270V AC
50/60Hz, 5VA

Input
0 To 1Amp AC



Output 2
4 To 20mA DC

Output 1
4 To 20mA DC

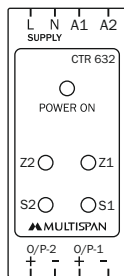
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CTR 632

Supply
100 To 270V AC
50/60Hz, 4VA

Input
0 To 5Amp AC



Output 2
0 To 10V DC

Output 1
0 To 10V DC

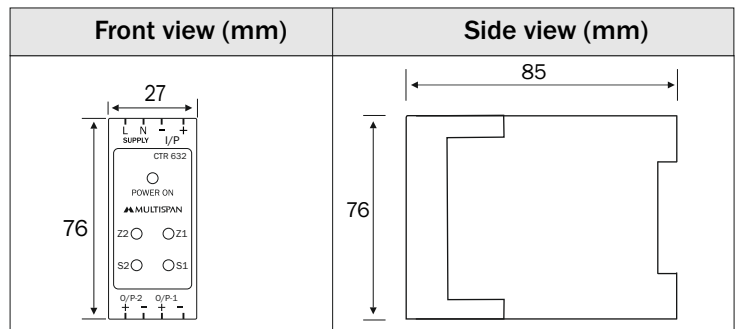
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Power Supply

Auxiliary Voltage	100 - 270V AC
Power Consumption	less than 5VA
Isolation type	Optical - 3 way
Isolation	
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.
Product improvement and upgrade is a constant procedure. So for more updated operating information & support contact us.

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