



## **Model 9332**

### **Standard DC Current Shunt**

*Custom Values*

*15 to 1500 Amps*

*Standard Resistor or Shunt*

*Oil and Air*

### **General Description:**

The models 9332, DC Current Shunts are the latest development from Measurements International series of DC resistors and shunts. After many years of research in low value resistance materials, the model 9332 series of standard DC current shunts insures the best performance available today. Combined with MI's experience in automated measurements at high current levels, accuracies approaching 0.01% can be achieved at full power.

The process selected in treating the element insures the best performance without introducing self-heating errors with improved temperature coefficients. The elements are supported on an insulating base for mechanical stability and covered with a perforated metal cover to allow for proper cooling.

Special considerations have been given to the process of curing the element and reducing temperature coefficients. Optimum surface area dissipates the maximum specified power. The model 9332 series of DC shunts can be used in both air and an oil environment such as MI's model 9301JW fluid oil bath.

*Custom values available upon request.*

# Model 9332

## Specifications:

	9332/10	9332/100	9332/300	9332/1500
Current Rating	10 Amps	100 Amps	300 Amps	1500 Amps
Value	0.1 Ohms	0.01 Ohms	0.001 Ohms	0.0001 Ohms
Accuracy @ 1 Watt	< 0.01%	<0.01%	<0.01%	<0.01%
Accuracy @ Full Power	±0.04%	±0.04%	±0.04%	±0.05%
Power Rating	10 Watts	100 Watts	100 Watts	225 Watts
Time Constant	< 4 Minutes	< 4 Minutes	< 4 Minutes	< 10 Minutes
Stability - 1 Year	10 ppm	10 ppm	10 ppm	100 ppm
Temperature Coefficient	< 3 ppm/°C	< 3 ppm/°C	< 3 ppm/°C	< 10 ppm/°C
Power Coefficient	< 4 ppm/Watt in Air < 1 ppm/Watt in Oil	< 4 ppm/Watt in Air < 1 ppm/Watt in Oil	< 4 ppm/Watt in Air < 1 ppm/Watt in Oil	< 2 ppm/Watt in Air < 1 ppm/Watt in Oil

## Dimensions:

L 300 x H 100 x W 51 mm  
L 357 x H 100 x W 51 mm  
L 357 x H 100 x W 51 mm  
L 675 x H 260 x W 210 mm

## Weight:

1.5 kg  
3 kg  
5kg  
10 kg

## Shipping Weight:

3 kg  
6 kg  
10kg  
15 kg

## Accessories:

## Operating Power:

N/A

## Distributed By:

## How to Order:

Model: 9332/XXX  
DC Current Shunt

Data Subject to Change

Printed in Canada



**Measurements International**

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