

# 14984 Series



## High Current Round Edgewound

These high current round edgewound resistors handle a variety of applications including dynamic braking, load banks, motor starting, and plugging. They are available in a variety of ohm and current ratings common to transit use.

A sturdy welded steel frame supports the refractory insulators. The frame is finished with a zinc chromate conversion for corrosion resistance. The ceramic insulators separate turns of the resistance

elements from each other and the frame. The resistance element is a stainless steel strip, used for its corrosion resistance, negligible temperature coefficient, and Ohms per foot vs. current carrying capacity. The resistance element is created by edgewinding a stainless strip into a continuous coil of the proper length. Zinc plated terminals welded to the resistance element complete the assembly.

Contact us with your specific needs.

### SERIES SPECIFICATIONS

Ohmite Part Number	Continuous Amps	Ohms	Watts	Ward Leonard Part Number	Westinghouse Style Number
76021-R118	160	0.118	3021	14984-10-01	1796207
76021-R157	140	0.157	3077	14984-10-03	1796206
76021-R171	130	0.171	2889	14984-10-04	31D2615A05
76021-R285	100	0.285	2850	14984-10-07	31D2614A03

### CHARACTERISTICS

<b>Current Rating</b>	Continuous current ratings are based on a maximum temperature rise of 375°C as specified by NEMA Industrial Control Standards for bare element resistors.
<b>Wattage Rating</b>	Can be found from $I^2R$ .
<b>Resistance Tolerance</b>	±10%
<b>Special Engineering Services</b>	Available for ohmic values other than those listed, mountings, other terminal styles, all stainless frame and terminal construction.
<b>Ordering Information</b>	Order using the Ward Leonard part number from the table.

### DIMENSIONS

