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

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

DIMENSIONS