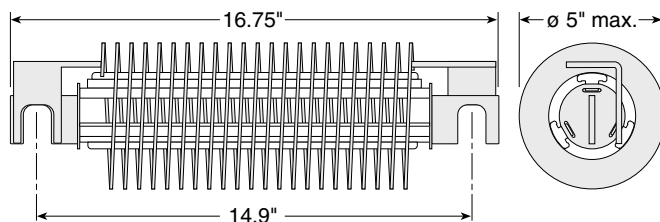


# 14984 Series

## High Current Round Edgewound



### STANDARD PART NUMBERS

| 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                |

Check product availability at [www.ohmite.com](http://www.ohmite.com)

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 edge-winding a stainless steel 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.

### SPECIFICATIONS

#### Electrical

**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<sup>2</sup>R.

**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.

To see the latest in resistor technology click on the "What's New" tab at [ohmite.com](http://ohmite.com)