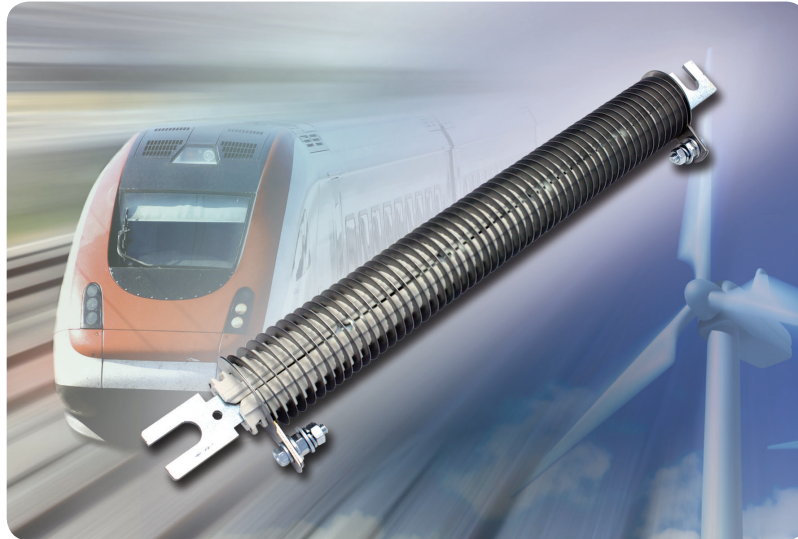


Vishay Milwaukee EDGU Universal Edgewound Wirewound Industrial Power Resistor



KEY BENEFITS

- Universal mount: drop-in replacement for competitive product and backward-compatible with Vishay Milwaukee EDGF
- Continuous duty operation up to 85 A
- Short term overload of 10x rated power for 5 s
- Customizable: EDGU can be mounted in Vishay Milwaukee supplied frames or indoor/outdoor enclosures

APPLICATIONS

- Locomotives
- Wind turbines
- Harmonic filters

RESOURCES

- Datasheet: EDGU - www.vishay.com/doc?31855
- Material categorization: For definitions please see www.vishay.com/doc?99912
- For technical questions contact vishaymilwaukeeresistor@vishay.com



RoHS
COMPLIANT

One of the World's Largest Manufacturers of
Discrete Semiconductors and Passive Components





WIREWOUND RESISTORS

EDGU

Vishay Milwaukee EDGU Universal Edgewound Wirewound Industrial Power Resistor

| STANDARD ELECTRICAL SPECIFICATIONS | | | |
|------------------------------------|------------------|-------------------------------|----------------------|
| GLOBAL MODEL | POWER RATING (W) | RESISTANCE RANGE (Ω) | TOLERANCE (\pm %) |
| EDGU0400 | 400 | 0.053 to 1.23 | 10 |
| EDGU0600 | 600 | 0.084 to 1.93 | 10 |
| EDGU0800 | 800 | 0.115 to 2.64 | 10 |
| EDGU1000 | 1000 | 0.146 to 3.35 | 10 |
| EDGU1200 | 1200 | 0.176 to 4.04 | 10 |
| EDGU1400 | 1400 | 0.200 to 4.73 | 10 |
| EDGU1600 | 1600 | 0.237 to 5.44 | 10 |

| PRODUCT RATINGS - AVAILABLE CURRENT, POWER, AND RESISTANCE VALUES | | | | | | | |
|---|-------------------------|--------|--------|--------|--------|--------|--------|
| CURRENT A | RESISTANCE (Ω) | | | | | | |
| | 400 W | 600 W | 800 W | 1000 W | 1200 W | 1400 W | 1600 W |
| 85 | 0.0530 | 0.0840 | 0.1150 | 0.1460 | 0.1760 | 0.2000 | 0.2370 |
| 80 | 0.0600 | 0.0940 | 0.1290 | 0.1630 | 0.1970 | 0.2240 | 0.2650 |
| 75 | 0.0680 | 0.1060 | 0.1450 | 0.1830 | 0.2210 | 0.2510 | 0.2980 |
| 70 | 0.0760 | 0.1190 | 0.1620 | 0.2060 | 0.2490 | 0.2820 | 0.3350 |
| 67 | 0.0850 | 0.1340 | 0.1830 | 0.2320 | 0.2800 | 0.3180 | 0.3770 |
| 63 | 0.0970 | 0.1510 | 0.2050 | 0.2620 | 0.3150 | 0.3690 | 0.4220 |
| 60 | 0.1070 | 0.1680 | 0.2300 | 0.2920 | 0.3520 | 0.4130 | 0.4740 |
| 56 | 0.1220 | 0.1920 | 0.2610 | 0.3320 | 0.4000 | 0.4700 | 0.5400 |
| 53 | 0.1360 | 0.2150 | 0.2950 | 0.3740 | 0.4580 | 0.5300 | 0.6080 |
| 50 | 0.1520 | 0.2400 | 0.3280 | 0.4150 | 0.5040 | 0.5900 | 0.6780 |
| 47 | 0.1720 | 0.2700 | 0.3690 | 0.4660 | 0.5720 | 0.6630 | 0.7600 |
| 45 | 0.1910 | 0.3000 | 0.4100 | 0.5200 | 0.6270 | 0.7350 | 0.8450 |
| 41.5 | 0.2300 | 0.3480 | 0.4650 | 0.5900 | 0.7000 | 0.8300 | 0.9400 |
| 40 | 0.2420 | 0.3800 | 0.5200 | 0.6600 | 0.7960 | 0.9300 | 1.070 |
| 37.4 | 0.2740 | 0.4300 | 0.5850 | 0.7400 | 0.8970 | 1.050 | 1.210 |
| 35 | 0.3120 | 0.4900 | 0.6750 | 0.8500 | 1.050 | 1.200 | 1.380 |
| 33 | 0.3520 | 0.5500 | 0.7500 | 0.9500 | 1.150 | 1.340 | 1.540 |
| 31 | 0.3950 | 0.6200 | 0.8450 | 1.070 | 1.290 | 1.520 | 1.750 |
| 29.6 | 0.4320 | 0.6850 | 0.9450 | 1.200 | 1.450 | 1.700 | 1.950 |
| 27.6 | 0.5000 | 0.7850 | 1.070 | 1.360 | 1.640 | 1.920 | 2.200 |
| 26 | 0.5600 | 0.8750 | 1.190 | 1.510 | 1.830 | 2.140 | 2.450 |
| 24.7 | 0.6280 | 0.9800 | 1.340 | 1.690 | 2.050 | 2.400 | 2.750 |
| 23.9 | 0.6660 | 1.050 | 1.420 | 1.810 | 2.200 | 2.570 | 2.970 |
| 22.5 | 0.7500 | 1.180 | 1.610 | 2.030 | 2.460 | 2.900 | 3.320 |
| 22 | 0.7900 | 1.240 | 1.690 | 2.130 | 2.580 | 3.040 | 3.480 |
| 20.7 | 0.8860 | 1.390 | 1.900 | 2.400 | 2.910 | 3.400 | 3.910 |
| 19.6 | 0.9900 | 1.560 | 2.130 | 2.700 | 3.260 | 3.830 | 4.400 |
| 18.5 | 1.110 | 1.740 | 2.370 | 3.000 | 3.620 | 4.250 | 4.900 |
| 17.2 | 1.230 | 1.930 | 2.640 | 3.350 | 4.040 | 4.730 | 5.440 |

Resistors - Universal Mounted Version of EDGF