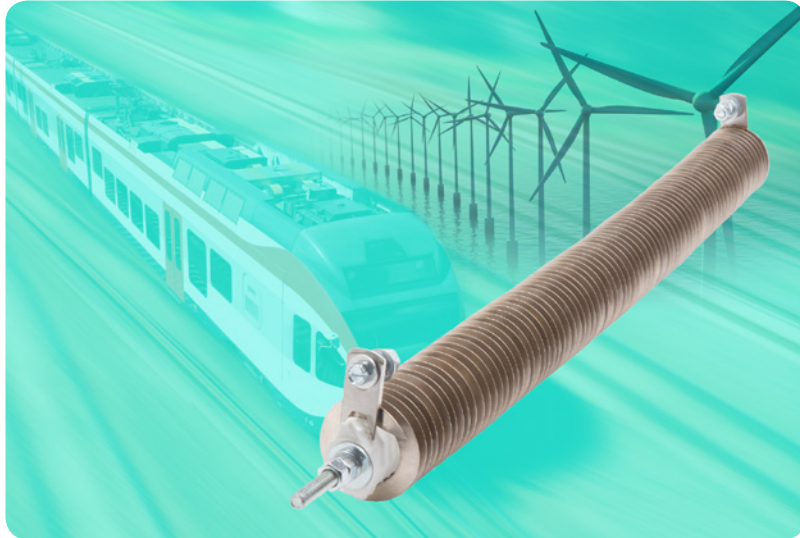


EDGS: Stud Mount Version of EDGU Edgewound Resistor



KEY BENEFITS

- Stud mount offers an alternative mounting configuration of the EDGU
- Continuous duty operation up to 85 A
- Short term overload of 10x rated power for 5 s

APPLICATIONS

- Locomotives
- Wind turbines
- Harmonic filters
- Dynamic braking

RESOURCES

- Datasheet: EDGS - www.vishay.com/doc?31863
- Material categorization: For definitions please see www.vishay.com/doc?99912
- For technical questions contact vishaymilwaukee@vishay.com



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**WIREWOUND RESISTORS****EDGS****EDGS: Stud Mount Version of EDGU Edgewound Resistor**

STANDARD ELECTRICAL SPECIFICATIONS			
GLOBAL MODEL	POWER RATING (W)	RESISTANCE RANGE (Ω)	TOLERANCE (\pm %)
EDGS0400	400	0.053 to 1.23	10
EDGS0600	600	0.084 to 1.93	10
EDGS0800	800	0.115 to 2.64	10
EDGS1000	1000	0.146 to 3.35	10
EDGS1200	1200	0.176 to 4.04	10
EDGS1400	1400	0.200 to 4.73	10
EDGS1600	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

Revision 24-Mar-14