

The choice when conditions demand top-notch performance, these resistors are commonly used for dynamic braking on Transit applications. Choose from five sizes with up to thirty-one current ratings. The units listed below are direct replacements for General Electric 42D6G1XXX or 42D6G3XXX.

Built to perform in rugged environments, they feature corrosion resistant stainless steel insulator supports, solid nickel terminals, and special electroless nickel-plated solid copper terminal supports. The resistance element is made of a stainless steel resistance alloy. Terminals are welded or silver brazed to the oval, spiral edgewound resistance element. Toothed ceramic insulators isolate the resistance element from the center support. Ceramic end bushings insulate the center support from the mountings.

Order individual replacement units or entire grids with various mounting configurations. Contact us with your specific needs.

SPECIFICATIONS

Electrical

Current Rating: Continuous duty as listed below.

Wattage Rating: Continuous duty based on a 375°C temperature rise.

Working Voltage: Limited to 550 Volts if mounting is grounded. Special higher voltage mounting is available.

Resistance Tolerance: ±8%.

Materials

Terminals/Jumpers: Standard terminals have 5/16 stainless hardware for ring lug connections. Brass tags can be placed at connection points for identification. If necessary, all connections can be made on one side of grid. Fixed tap terminals are also available. Jumpers between resistors are nickel plated solid copper.

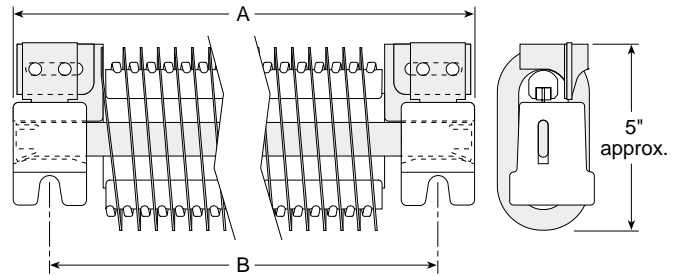
Mounting: Resistors can be mounted in grid arrays of 1 x 2 to 4 x 4. All resistors in one grid must be of the same length. Frames construction is heavy gauge zinc plated steel. Either "bolt up" or "bolt down" type frames are available. Frames may be grounded if voltage potential is below 550 Volts. Single resistor and vertical mounting is available.

Ordering Information

Individual resistors can be ordered by part number. Example: WLRD6G3061 is a .156 ohm, 90 amp rated part. Call or e-mail for information on mounting, grid configurations, unusual service conditions, or special requests.

High Current Oval Edgewound

WLRD6G Series



Wattage*	A Over-all	B Mounting Centers
525	11.625"	9.625"
850	15.188"	13.188"
1200	18.5"	16.5"
1450	21.875"	19.875"
1750	25.125"	23.125"

* Use I²R for exact wattage

PART NUMBERS

Amps	525 Watts			850 Watts			1200 Watts			1450 Watts			1750 Watts		
	Ohms	Part Number	WLRD6G-	Ohms	Part Number	WLRD6G-	Ohms	Part Number	WLRD6G-	Ohms	Part Number	WLRD6G-	Ohms	Part Number	WLRD6G-
146	-	-	-	-	-	-	0.055	3109	-	-	-	-	0.082	3129	-
135	-	-	-	-	-	-	0.0677	3114	-	-	-	-	-	-	-
124	-	-	-	-	-	-	0.080	3115	-	-	-	-	-	-	-
116	-	-	-	-	-	-	0.0915	3111	-	-	-	-	0.142	3131	-
113	0.0426	3093	3093	0.071	3073	3073	0.092	3013	0.121	3053	3053	0.142	3033	3033	3033
103	0.0497	3094	3094	0.0781	3074	3074	0.107	3014	0.140	3054	3054	0.163	3034	3034	3034
100	-	-	-	0.080	3169	3169	0.122	3110	-	-	-	0.185	3130	3130	3130
94	0.0581	3095	3095	0.0913	3075	3075	0.125	3015	0.158	3055	3055	0.191	3035	3035	3035
86	0.0747	3096	3096	0.116	3076	3076	0.158	3016	0.199	3056	3056	0.241	3036	3036	3036
85	0.0671	3181	3181	0.116	3161	3161	0.159	3101	0.201	3141	3141	0.244	3121	3121	3121
80	0.0864	3097	3097	0.134	3077	3077	0.182	3017	0.230	3057	3057	0.278	3037	3037	3037
79	0.0781	3182	3182	0.135	3162	3162	0.185	3102	0.234	3142	3142	0.284	3122	3122	3122
74	0.0984	3081	3081	0.156	3061	3061	0.213	3001	0.279	3041	3041	0.336	3021	3021	3021
70	0.110	3183	3183	0.171	3163	3163	0.232	3103	0.293	3143	3143	0.354	3123	3123	3123
69	0.115	3082	3082	0.182	3062	3062	0.249	3002	0.326	3042	3042	0.394	3022	3022	3022
65	0.128	3184	3184	0.199	3164	3164	0.270	3104	0.341	3144	3144	0.412	3124	3124	3124
62	0.146	3083	3083	0.220	3063	3063	0.305	3003	0.390	3043	3043	0.463	3023	3023	3023
61	0.148	3185	3185	0.230	3165	3165	0.312	3105	0.394	3145	3145	0.476	3125	3125	3125
56	0.170	3084	3084	0.270	3064	3064	0.369	3004	0.483	3044	3044	0.568	3024	3024	3024
54	-	-	-	0.269	3171	3171	0.378	3108	-	-	-	0.573	3128	3128	3128
51	0.213	3085	3085	0.327	3065	3065	0.440	3005	0.554	3045	3045	0.667	3025	3025	3025
47	0.249	3086	3086	0.382	3066	3066	0.514	3006	0.647	3046	3046	0.780	3026	3026	3026
43	0.299	3087	3087	0.465	3067	3067	0.631	3007	0.796	3047	3047	0.963	3027	3027	3027
39	0.364	3088	3088	0.566	3068	3068	0.768	3008	0.970	3048	3048	1.170	3028	3028	3028
35	0.465	3089	3089	0.707	3069	3069	0.909	3009	1.190	3049	3049	1.390	3029	3029	3029
32	0.544	3090	3090	0.846	3070	3070	1.148	3010	1.450	3050	3050	1.750	3030	3030	3030
30	0.695	3091	3091	1.057	3071	3071	1.360	3011	1.780	3051	3051	2.080	3031	3031	3031
26	0.860	3092	3092	1.310	3072	3072	1.680	3012	2.210	3052	3052	2.580	3032	3032	3032
25	1.060	3098	3098	1.620	3078	3078	2.080	3018	2.730	3058	3058	3.190	3038	3038	3038
22	1.200	3099	3099	1.830	3079	3079	2.450	3019	3.070	3059	3059	3.700	3039	3039	3039
18	2.040	3100	3100	3.110	3080	3080	3.990	3020	5.240	3060	3060	6.130	3040	3040	3040