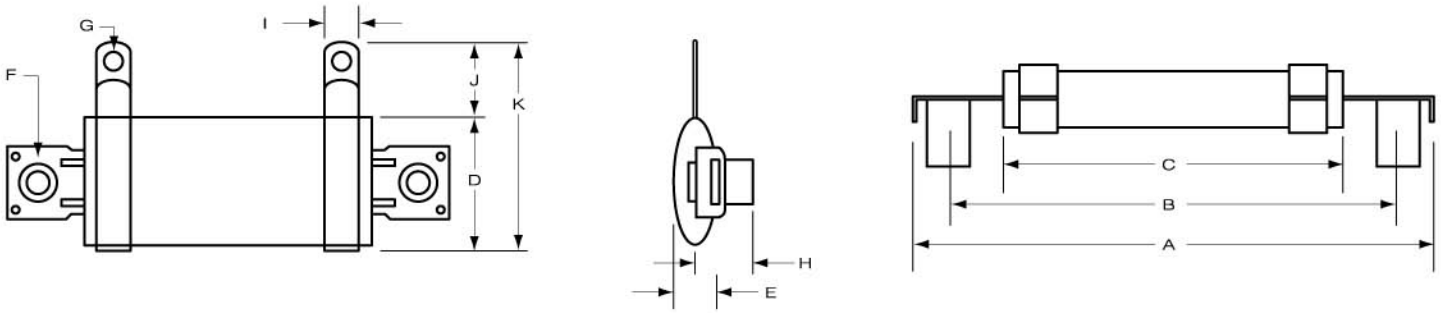
Non-Flammable
Wire-Wound Power Resistor - ZR Series

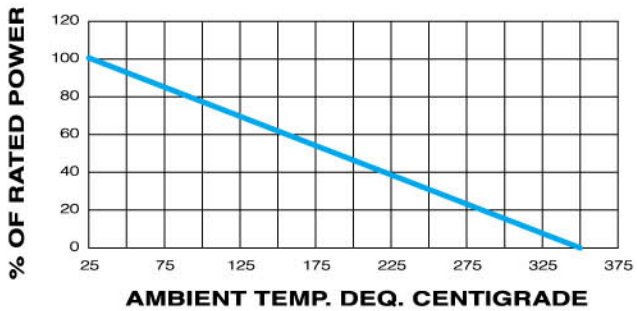


DIMENSIONS(mm):

RATED WATTS	RESISTANCE RANGE(Ω)	DIMENSIONS(m/m)												RESISTANCE RANGE(Ω)
ZR TYPE		A	B	C	D	E	F	G	H	I	J	K	ZQR TYPE	
40W	0.1-5K	83	70	50	28	11	5.2	4.1	13	6.5	12	40	60W	0.1-4K
55W	0.1-6K	123	110	90	28	11	5.2	4.1	13	6.5	12	40	82W	0.1-5K
70W	0.1-7K	153	140	120	28	11	5.2	4.1	13	6.5	12	40	105W	0.1-7K
95W	0.1-10K	183	170	150	28	11	5.2	4.1	13	6.5	12	40	140W	0.1-9K
100W	0.1-12K	193	180	160	28	11	5.2	4.1	13	6.5	12	40	150W	0.1-10K
120W	0.1-15K	218	205	185	28	11	5.2	4.1	13	6.5	12	40	180W	0.1-12K
150W	0.1-18K	218	205	185	35	11	5.2	5.2	13	9	13	48	225W	0.1-15K
200W	0.1-25K	243	230	210	35	11	5.2	5.2	13	9	13	48	300W	0.1-20K
250W	0.1-30K	287	274	254	35	11	5.2	5.2	13	9	13	48	375W	0.1-25K
300W	0.1-35K	333	320	300	35	11	5.2	5.2	13	9	13	48	450W	0.1-30K

DERATING:

Industrial wirewound resistors have an operating temperature range of -55°C to +350°C
They must be derated at high ambient temperatures according to the curve at the night.



Dielectric Strength: 1000 vac minimum.

Short Time Overload: In intermittent duty the applied power can greatly exceed the wattage rating. However, since each pulse application is somewhat unique, the factory should be contacted for specific requirements.

MATERIAL SPECIFICATIONS:

Core: Steatite. Chemically inert-will withstands severe thermal shock and is impervious to moisture.
Element: Highest quality copper-nickel alloy or nickel-chrome alloy, depending on resistance value.
Coating: HL-special high temperature silicone, Cured at much lower temperatures than vitreous enamels.