

IP67 DUST AND WATER PROTECTED WIRE WOUND RESISTORS



Dust Tight: No ingress of dust; complete protection against contact.

Immersion Up to 1m: Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time (up to 1 m of submersion).

Application: The most common applications for these models are industrial automatic food processor rinsing.

GENERAL SPECIFICATION

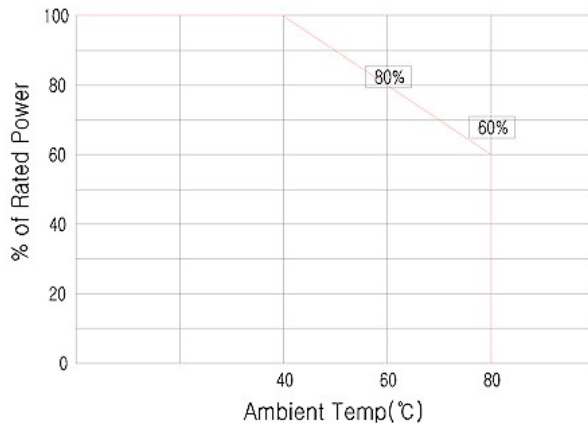
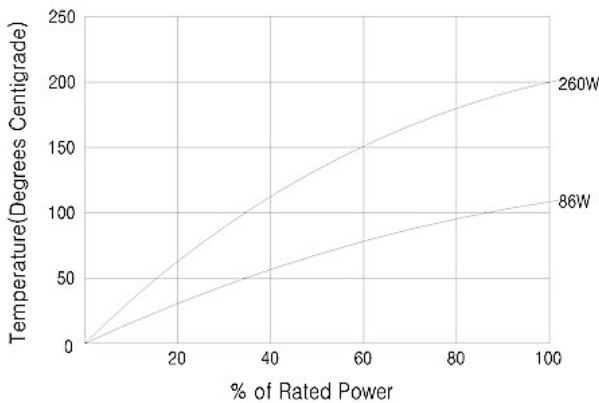
Model	Rated Power[W]	Resistance Range[Ω]	Tolerance
IP67-2-1	86	91	J(±5%)
IP67-2-2			
IP67-3-1	86	360	
IP67-3-2			
IP67-4-1	260	120	
IP67-4-2			

CHARACTERISTICS

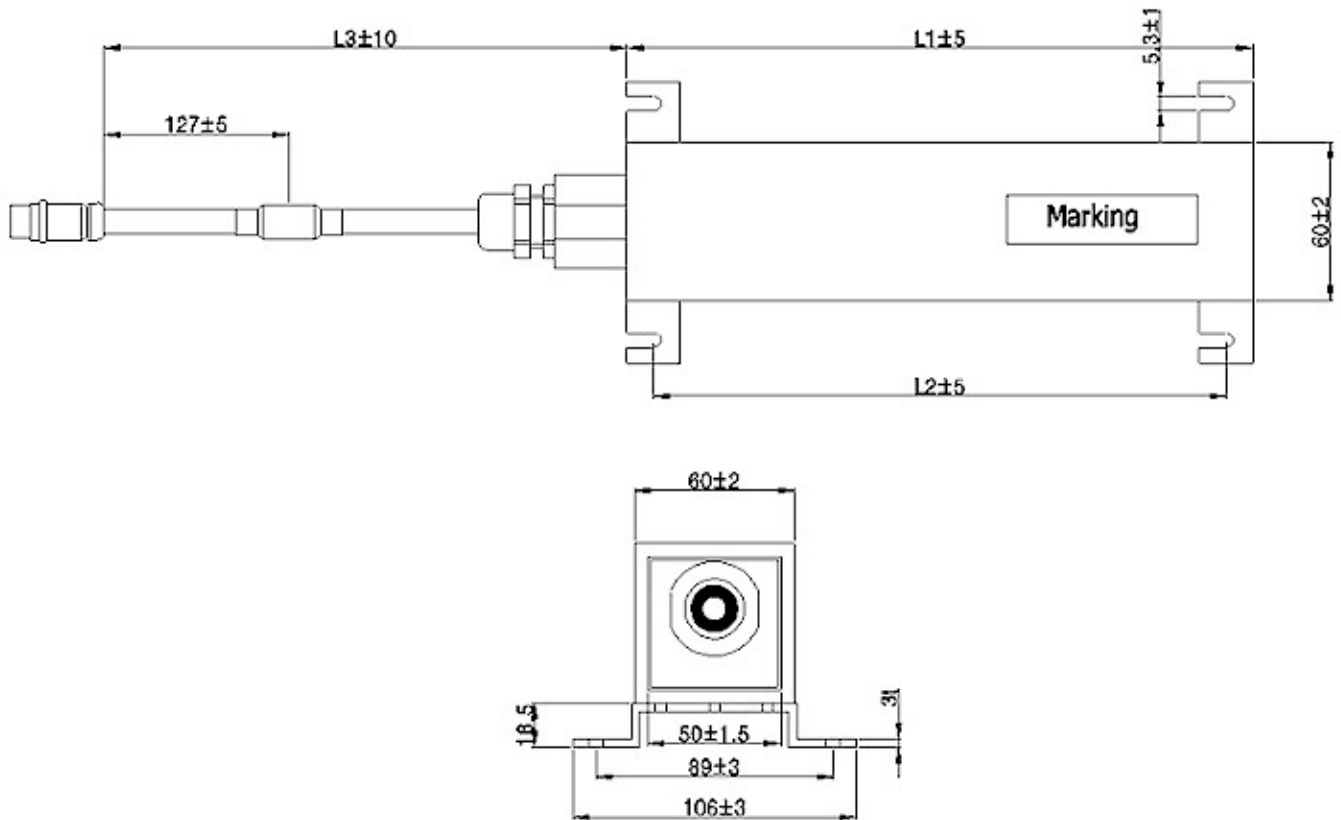
Values in [] mean change in Ω after test

Temperature Range		-55C-200C
Insulation Resistance		20MΩ minimum
Dielectric Strength		AC3500V for 1sec(Max leakage current:2mA)
Temp. Coefficient		±260ppm/C maximum
Short Time Overload	±[2%+0.05Ω]	10 X Power rating for 5sec
Moisture Resistance	±[3%+0.05Ω]	40C, 95% RH, DC100V case to terminal (500hrs.)
Moisture Load Life	±[3%+0.05Ω]	40C, 95% RH, 0.1Xpower rating, 1.5h.on, 30min.off, 500hrs
Load Life	±[5%+0.05Ω]	Power rating 1.5h. on, 30min. off, 500hrs

SURFACE TEMPERATURE INCREASE VERSUS POWER LOAD & DERATING CURVE



DIMENSIONS



Model	Dimensions[mm]		
	L1±5	L2±5	L3±10
IP67-2-1	235	215	500
IP67-2-2	235	215	1000
IP67-3-1	235	215	500
IP67-3-2	235	215	1000
IP67-4-1	440	420	500
IP67-4-2	440	420	1000