

Metal Clad Wire Wound Resistors

The SFH(H=Horizontal) & SFV(V=Vertical) models are our standard wire wound, metal-clad resistors. These models have an extruded aluminum housing providing strong and rugged protection. The most common applications for these models are : Motor drives, braking and snubber applications, charging for electric vehicles and power sources for industrial equipment.



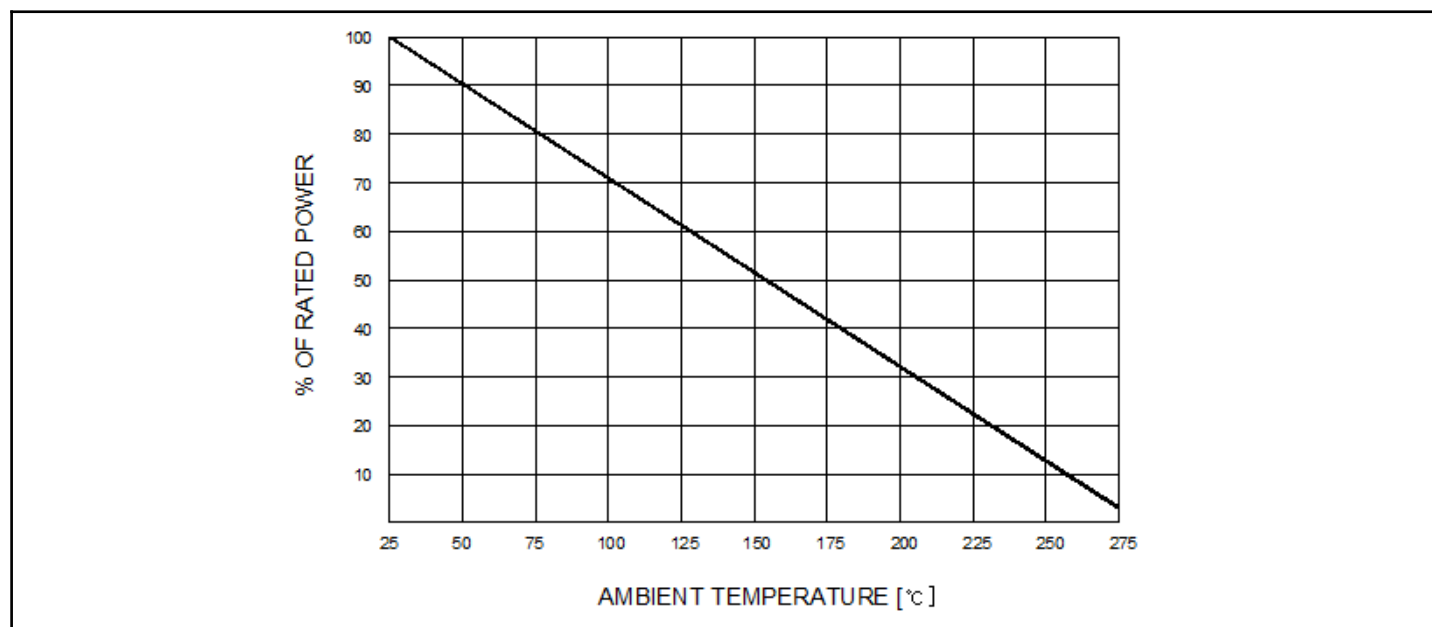
GENERAL SPECIFICATIONS

MODEL	RATED POWER [W] (On Heatsink)	RESISTANCE RANGE [Ω]		TOLERANCE
		INDUCTIVE	NON-INDUCTIVE	
SFH/SFV 60	60	0.1~400	0.1~180	F [$\pm 1.0\%$] J [$\pm 5.0\%$] K [$\pm 10\%$]
SFH/SFV 80	80	0.1~910	0.1~110	
SFH/SFV 100	100	0.1~1.1K	0.1~240	
SFH/SFV 120	120	0.1~1.3K	0.1~300	
SFH/SFV 150	150	0.1~1.6K	0.1~390	
SFH/SFV 200	200	0.1~2.2K	0.1~1.0K	

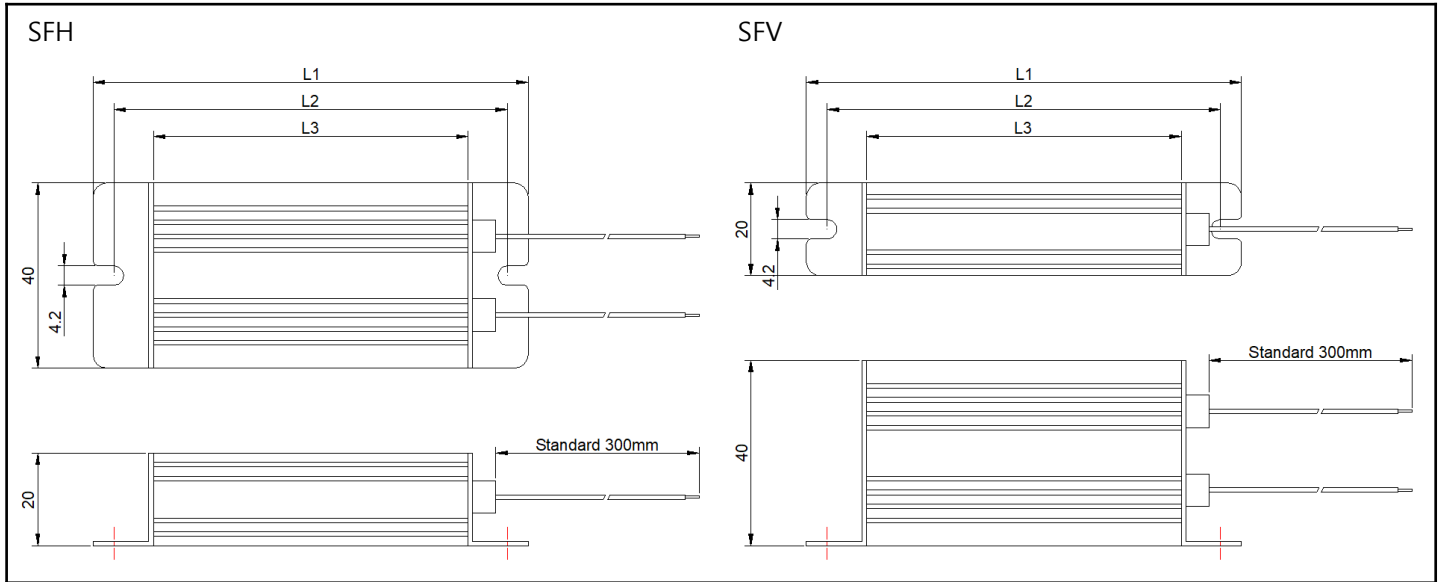
CHARACTERISTICS

TEST	CONDITIONS
DIELECTRIC WITHSTANDING VOLTAGE	AC 2500V for 1minutes (Leakage current : 5mA)
INSULATION RESISTANCE	100M Ω at 500Vdc
HEAT RESISTANCE	$\pm[5\%+0.05\Omega]$ 180°C, 2hours

DERATING CURVE



DIMENSIONS[mm]



MODEL	L1±1.5	L2±1.5	L3±1.5
SFH/SFV 60	94	85	70
SFH/SFV 80	144	135	120
SFH/SFV 100	159	150	135
SFH/SFV 120	179	170	155
SFH/SFV 150	204	195	180
SFH/SFV 200	244	235	220

ORDERING PROCEDURE EXAMPLE

