

Features

- Radial leaded Devices
- Cured, flame retardant epoxy polymer insulating material meets UL94V-0 requirements
- Bulk packaging, or tape and reel available on most models

Applications

Almost anywhere there is a low voltage power supply, up to DC60V and a load to be protected, including:

- Telecommunications system
- Network switching
- Power transformers
- Communication equipment

Electrical characteristics(25°C)

Model	I _{hold} (A)	I _{trip} (A)	V _{max} OP	V _{max} Interrupt	I _{max} (A)	P _d max (w)	Maximum Time To Trip		Resistance		
			(Vdc)	V _{rms}			Current (A)	Time (S)	R _{min} (Ω)	R _{max} (Ω)	R _{1max} (Ω)
K600-110U	0.11	0.20	60	600	3	1.0	1.00	8	6	16	24
K600-150U	0.15	0.30	60	600	3	1.0	1.00	9	5	14	22
K600-160U	0.16	0.32	60	600	3	1.0	1.00	10	4	12	18

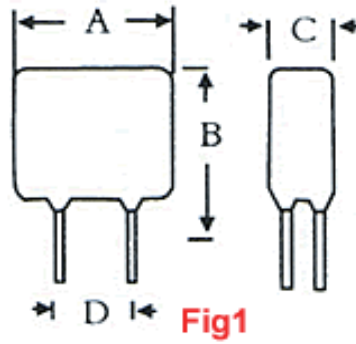
I _{hold}	Hold Current: Maximum current device will not trip in 25°C still air.
I _{trip}	Trip current: Minimum current at which the device will always trip in 25°C still air
V _{max} OP	Maximum operating voltage(Vdc) device can withstand without damage at rated current(I _{max}).
V _{max} Interrupt	Maximum interrupt voltage(Vac) device can withstand without damage at rated current.
I _{max}	Maximum fault current device can withstand without damage at rated voltage.
P _d	Typical power dissipation from device when in the tripped state in 25°C still air
R _{min} /max	Minimum device resistance prior to tripping at 25°C.
R _{max}	Maximum device resistance prior to tripping at 25°C.
R _{1max}	Maximum device resistance one hour after it is tripped at 25°C.

*CAUTION Operation beyond the specified rating may result in damage and possible arcing.

Thermal Derating Chart-IH(A)

Part number	Maximum ambient operating temperatures(°C)								
	-40	-20	0	25	40	50	60	70	80
K600-110U	0.175	0.152	0.132	0.110	0.091	0.080	0.070	0.060	0.046
K600-150U	0.238	0.211	0.183	0.150	0.128	0.115	0.101	0.088	0.067
K600-160U	0.250	0.220	0.195	0.160	0.137	0.123	0.110	0.095	0.074

Dimensions (mm)



Product dimensions (mm)

Model	Fig	A(max)	B(max)	C(max)	D(typ)
K600-110	1	14.0	14.0	6	5.1
K600-150	1	14.0	14.0	6	5.1
K600-160	1	14.0	14.0	6	5.1

Physical Characteristics

Material:Leads

ALL

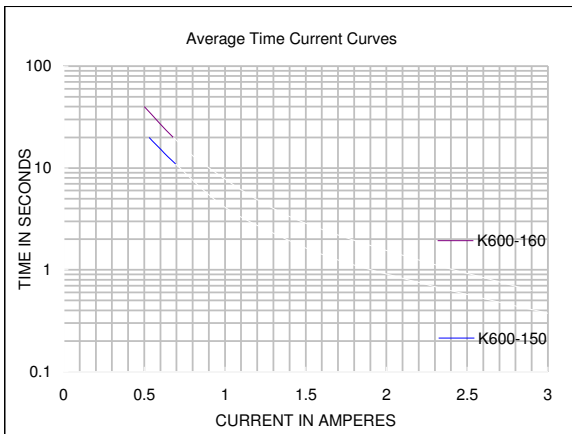
Tin plated copper,20AWG,080mm

Environmental Specifications

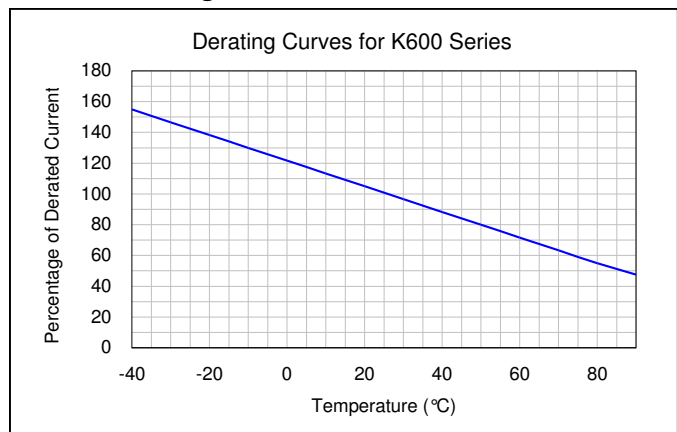
Test	conditions	Resistance change
Passive aging	+85°C,100hts	±8% typical
Humidity aging	+85°C,85%R.H.,100hrs	±8% typical
Thermal shock	+125°C,to-55°C,10times	±12% typical
Resistance to solvent	MIL-STD-202,Method 215	No change
Vibration	MIL-STD-202,Method 201	No change

Storage conditions:-40°C to 85°C

Typical Time-To-Trip At 25°C



Thermal Derating Curve



Package Information

Bulk:

k600-110u~160

500pcs per bag