

PRODUCT DATA



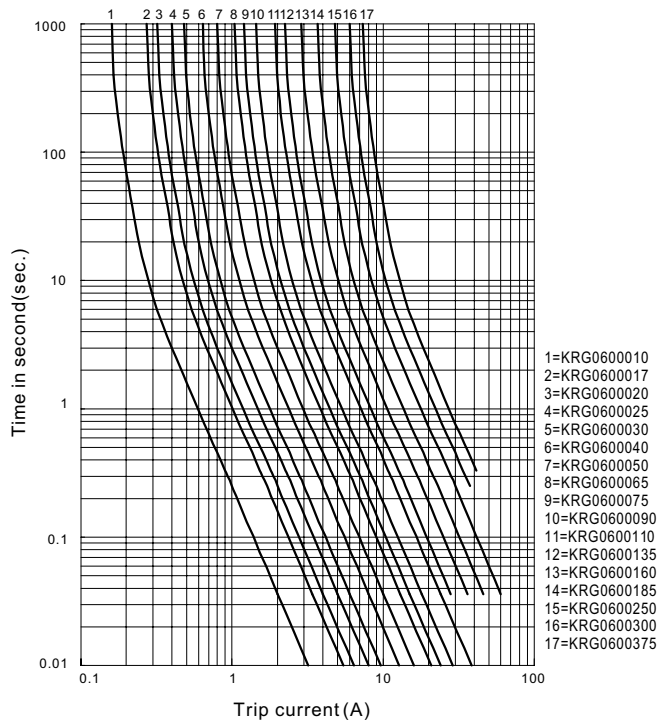
(Unit: mm)

Part no.	A	B	C	D	E	F
	Max.	Max.	Typ.	Typ.	Max.	Typ.
KRG0600050	7.6	13.7	5.0±0.8	10.5±0.5	3.0	0.5±0.02
KRG0600065	9.7	14.5	5.0±0.8	10.5±0.5	3.0	0.5±0.02
KRG0600075	10.4	15.2	5.0±0.8	10.5±0.5	3.0	0.5±0.02
KRG0600090	11.7	15.7	5.0±0.8	10.5±0.5	3.0	0.5±0.02
KRG0600110	13.0	18.0	5.0±0.8	11.0±0.8	3.0	0.8±0.02
KRG0600135	14.5	19.6	5.0±0.8	11.0±0.8	3.0	0.8±0.02
KRG0600160	16.3	21.3	5.0±0.8	11.0±0.8	3.0	0.8±0.02
KRG0600185	17.8	22.9	5.0±0.8	11.0±0.8	3.0	0.8±0.02
KRG0600250	21.3	26.4	10.0±0.8	11.0±0.8	3.0	0.8±0.02
KRG0600300	24.9	30.0	10.0±0.8	11.0±0.8	3.0	0.8±0.02
KRG0600375	28.4	33.5	10.0±0.8	11.0±0.8	3.0	0.8±0.02

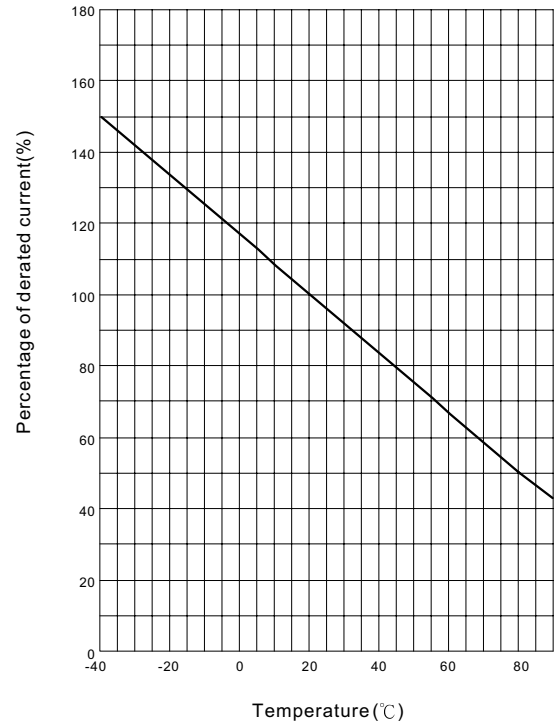
● **Characteristics**

Part no.	Vmax.	I _{max.}	I _{hold} @ 23°C	I _{trip} @ 23°C	Pd (Max.)	Maximum time to trip		Resistance (Ω)		
	(V _{dc})	(A)	(A)	(A)	(W)	(A)	(Sec.)	Initial (R _i)		Post trip (R ₁)
								Min.	Max.	Max.
KRG0600010	60	40	0.10	0.20	0.38	0.50	4.0	2.500	4.500	7.50
KRG0600017	60	40	0.17	0.34	0.48	0.85	3.0	2.000	3.200	7.30
KRG0600020	60	40	0.20	0.40	0.41	1.00	2.2	1.830	2.750	4.40
KRG0600025	60	40	0.25	0.50	0.45	1.25	2.5	1.250	1.950	3.00
KRG0600030	60	40	0.30	0.60	0.49	1.50	3.0	0.880	1.330	2.10
KRG0600040	60	40	0.40	0.80	0.56	2.00	3.8	0.550	0.860	1.29
KRG0600050	60	40	0.50	1.00	0.77	2.50	4.0	0.500	0.770	1.17
KRG0600065	60	40	0.65	1.30	0.88	3.25	5.3	0.310	0.480	0.72
KRG0600075	60	40	0.75	1.50	0.92	3.75	6.3	0.250	0.400	0.60
KRG0600090	60	40	0.90	1.80	0.99	4.50	7.2	0.200	0.310	0.47
KRG0600110	60	40	1.10	2.20	1.50	5.50	8.2	0.150	0.250	0.38
KRG0600135	60	40	1.35	2.70	1.70	6.75	9.6	0.120	0.190	0.30
KRG0600160	60	40	1.60	3.20	1.90	8.00	11.4	0.090	0.140	0.22
KRG0600185	60	40	1.85	3.70	2.10	9.25	12.6	0.080	0.120	0.19
KRG0600250	60	40	2.50	5.00	2.50	12.50	15.6	0.050	0.080	0.13
KRG0600300	60	40	3.00	6.00	2.80	15.00	19.8	0.040	0.060	0.10
KRG0600375	60	40	3.75	7.50	3.20	18.75	24.0	0.030	0.050	0.08

● Average time to trip curve



● Thermal derating curve



● Reliability test

Item	Test condition/methods	Criteria
Passive aging	85°C, 1000hrs	$\Delta R/R_i \leq \pm 5\%$
Humidity storage	40°C, 95%RH, 1344hrs Mil-Std 202, method 103 condition D	$\Delta R/R_i \leq \pm 5\%$
Thermal shock	85/-40°C, 20 cycles	$\Delta R/R_i \leq \pm 10\%$
Cycle life	50 cycles at a 120% maximum current (I _{max}) and maximum voltage (V _{max}). UL 1434	No damage
Trip endurance	V _{max} , I _{max} , 48Hrs	No damage
Steady-state operating life	V _{max} , I _{ss} , 1000hrs Mil-Std 750, method 1026	$\Delta R/R_i \leq \pm 10\%$