

Resettable Fuse PTC

Features

Radial leaded devices.

Over-current protection

High voltage surge capabilities

Flame retardant epoxy polymer insulating material meets UL94 V-0 requirement.

Available in lead-free version.

Meets MSL level 1, per J-STD-020



Dimensions(Unit:mm)

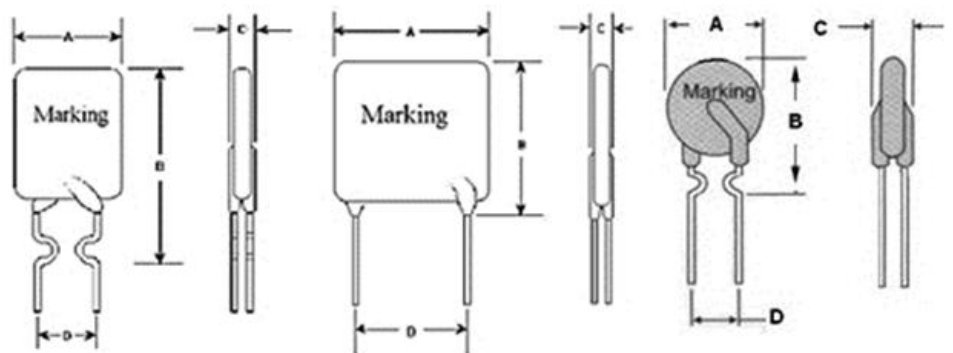


figure 1

figure 2



Model	Fig.	Maximum Contour Size(mm)			
		A	B	C	D
JK30075	3	7.40	12.2	3	5.10
JK30090	1	7.40	18.5	3	5.10
JK30110	1	7.40	18.5	3	5.10
JK30135	1	9.20	17.6	3	5.10
JK30160	1	9.20	20.2	3	5.10
JK30185	1	9.20	20.2	3	5.10
JK30200	1	15.2	20.2	3	5.10
JK30250	1	13.2	22.4	3	5.10
JK30300	2	13.2	20.4	3	5.10
JK30400	2	14.0	23.7	3	5.10
JK30500	2	14.0	23.7	3	10.2
JK30600	2	17.2	27	3	10.2
JK30700	2	17.2	27	3	10.2
JK30900	2	23.5	29.2	3	10.2

Electrical characteristics(25℃)

Part Number	Ihold	Itrip	Vmax	Imax	Pd	Maximum Time		Resistance		
			OP			To Trip		Rmin	Rmax	R1max
						Current	Time			
	(A)	(A)	(Vdc)	(A)	(W)	(A)	(S)	(Ω)	(Ω)	(Ω)
JK30075	0.75	1.50	30	40	0.6	3.75	7.0	200	370	620
JK30090	0.90	1.80	30	40	0.7	4.50	7.1	130	220	300
JK30110	1.10	2.20	30	40	0.7	5.50	6.6	90	200	260
JK30120	1.20	2.40	30	40	0.8	6.00	7.3	80	160	220
JK30135	1.35	2.70	30	40	0.8	6.75	8.0	70	160	220
JK30160	1.60	3.20	30	40	0.9	8.00	8.7	60	140	200
JK30185	1.85	3.70	30	40	1.0	9.25	8.0	50	120	200
JK30200	2.0	4.0	30	40	1.2	10.0	11.0	40	100	160
JK30250	2.5	5.0	30	40	1.2	12.5	10.3	30	80	140
JK30300	3.0	6.0	30	40	2.0	15.0	10.8	30	70	140
JK30400	4.0	8.0	30	40	2.5	20.0	12.7	10	60	120
JK30500	5.0	10.0	30	40	3.0	25.0	14.5	10	50	90
JK30600	6.0	12.0	30	40	3.5	30.0	16.0	5	40	70
JK30700	7.0	14.0	30	40	3.8	35.0	17.5	5	30	60
JK30800	8.0	16.0	30	40	4.0	40.0	18.8	5	25	45
JK30900	9.0	18.0	30	40	4.2	40.0	20.0	5	20	35

- I_H = Hold current: maximum current device will pass without tripping in 25℃ still air.
- I_T = Trip current: minimum current at which the device will trip in 25℃ still air.
- V_{MAXI} = Maximum interrupt voltage device can withstand without damage at rated current.
- I_{MAX} = Maximum fault current device can withstand without damage at rated voltage.
- R_{MAX} = Maximum resistance of device in initial (un-soldered) state.
- R_{MIN} = Minimum resistance of device in initial (un-soldered) state.

Operating temperature: -40℃ ~+85℃

Packing quantity:500PCS



Specifications are subject to change without notice

sales@huaandz.com

Cross Reference List (30V Series)

Cross Reference

HUAAN Resettable Fuse Part Number	Littelfuse Resettable PTC Part Number
JK30075	
JK30090	30R090U
JK30110	30R110U
JK30120	
JK30135	30R135U
JK30160	30R160U
JK30185	30R185U
JK30200	
JK30250	30R250U
JK30300	30R300U
JK30400	30R400U
JK30500	30R500U
JK30600	30R600U
JK30700	30R700U
JK30800	30R800U
JK30900	30R900U

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