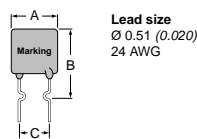


33V

The RTE series devices offer a 33V rating and tighter trip-to-hold ratios to help comply with the IEEE 1394 specification. These devices can also be used in other applications where the benefit of a tighter trip-to-hold ratio is desired.

Figure 4



Part number	I _H (A)	V max. (V)	I max.** (A)	R ₁ max. (Ω)	Agency recognition	Dimensions (millimeters/inches)			Fig.
						A (max.)	B (max.)	C (nom.)	
RTE120	1.20	33	40	0.180	UL, TÜV, CSA	7.4 (0.29)	12.2 (0.48)	5.08 (0.20)	4
RTE135	1.35	33	40	0.143	UL, TÜV, CSA	7.4 (0.29)	14.2 (0.56)	5.08 (0.20)	4
RTE190	1.90	33	40	0.092	UL, TÜV, CSA	8.9 (0.35)	13.5 (0.53)	5.08 (0.20)	4

**Device may withstand higher interrupt current at lower voltages. Each application will need to be individually evaluated.

30V

The RUE series devices offer hold currents from 900mA to 9.0A. They are used in many markets including computer/multimedia, industrial equipment and controls, as well as consumer and general electronics.

Figure 5

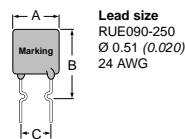
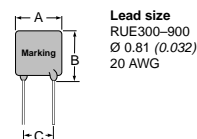


Figure 6



Part number	I _H (A)	V max. (V)	I max.** (A)	R ₁ max. (Ω)	Agency recognition	Dimensions (millimeters/inches)			Fig.
						A (max.)	B (max.)	C (nom.)	
RUE090	0.90	30	40	0.22	UL, TÜV, CSA	7.4 (0.29)	12.2 (0.48)	5.08 (0.20)	5
RUE110	1.10	30	40	0.17	UL, TÜV, CSA	7.4 (0.29)	14.2 (0.56)	5.08 (0.20)	5
RUE135	1.35	30	40	0.13	UL, TÜV, CSA	8.9 (0.35)	13.5 (0.53)	5.08 (0.20)	5
RUE160	1.60	30	40	0.11	UL, TÜV, CSA	8.9 (0.35)	15.2 (0.60)	5.08 (0.20)	5
RUE185	1.85	30	40	0.09	UL, TÜV, CSA	10.2 (0.40)	15.7 (0.62)	5.08 (0.20)	5
RUE250	2.50	30	40	0.07	UL, TÜV, CSA	11.4 (0.45)	18.3 (0.72)	5.08 (0.20)	5
RUE300	3.00	30	40	0.08	UL, TÜV, CSA	11.4 (0.45)	17.3 (0.68)	5.08 (0.20)	6
RUE400	4.00	30	40	0.05	UL, TÜV, CSA	14.0 (0.55)	20.1 (0.79)	5.08 (0.20)	6
RUE500	5.00	30	40	0.05	UL, TÜV, CSA	14.0 (0.55)	24.9 (0.98)	10.20 (0.40)	6
RUE600	6.00	30	40	0.04	UL, TÜV, CSA	16.5 (0.65)	24.9 (0.98)	10.20 (0.40)	6
RUE700	7.00	30	40	0.03	UL, TÜV, CSA	19.1 (0.75)	26.7 (1.05)	10.20 (0.40)	6
RUE800	8.00	30	40	0.02	UL, TÜV, CSA	21.6 (0.85)	29.2 (1.15)	10.20 (0.40)	6
RUE900	9.00	30	40	0.02	UL, TÜV, CSA	24.1 (0.95)	29.7 (1.17)	10.20 (0.40)	6

**Device may withstand higher interrupt current at lower voltages. Each application will need to be individually evaluated.

16V High Temperature

The RHE series devices offer a high operating temperature (up to 125°C) and the broadest range of hold currents available in the radial-leaded form factor (70mA to 15A). The RHE series devices can also be advantageous for use in standard operating temperatures of up to 85°C because they have a flatter thermal derating curve than other radial-leaded devices. Over the same temperature range, the trip-to-hold ratio is lower for an RHE device compared with other PPTC devices.

Figure 7

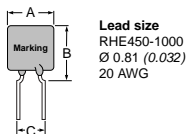
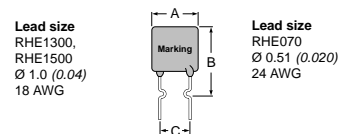


Figure 8



Coming Soon

Part number	I _H * (A)	V max. (Vdc)	I max.** (A)	R ₁ max. (Ω)	Agency recognition	Dimensions (millimeters/inches)			Fig.
						A (max.)	B (max.)	C (nom.)	
RHE050	0.5	30	TBD	TBD	Pending	7.40 (0.29)	12.7 (0.50)	5.08 (0.20)	TBD
RHE070	0.7	16	40	0.80	UL, TÜV, CSA	6.86 (0.27)	10.8 (0.43)	5.08 (0.20)	8
RHE100	1.0	30	TBD	TBD	Pending	9.70 (0.38)	13.6 (0.54)	5.08 (0.20)	TBD
RHE250	2.5	16	TBD	TBD	Pending	TBD	TBD	5.08 (0.20)	TBD
RHE400	4.0	16	100	0.044	UL, TÜV, CSA	11.40 (0.45)	18.0 (0.71)	5.08 (0.20)	7
RHE450	4.5	16	100	0.054	UL, TÜV, CSA	10.40 (0.41)	15.6 (0.61)	5.08 (0.20)	7
RHE600	6.0	16	100	0.032	UL, TÜV, CSA	11.20 (0.44)	21.0 (0.83)	5.08 (0.20)	7
RHE650	6.5	16	100	0.026	UL, TÜV, CSA	12.70 (0.50)	22.2 (0.88)	5.08 (0.20)	7
RHE750	7.5	16	100	0.022	UL, TÜV, CSA	14.00 (0.55)	23.5 (0.93)	5.08 (0.20)	7
RHE900	9.0	16	TBD	TBD	Pending	21.30 (0.84)	20.8 (0.82)	5.08 (0.20)	TBD
RHE1000	10.0	16	100	0.015	UL, TÜV, CSA	17.50 (0.69)	26.5 (1.04)	10.20 (0.40)	7
RHE1300	13.0	16	100	0.010	UL, TÜV, CSA	23.50 (0.925)	28.7 (1.13)	10.20 (0.40)	7
RHE1500	15.0	16	100	0.0092	UL, TÜV, CSA	23.50 (0.925)	28.7 (1.13)	10.20 (0.40)	7

*Hold current @ 25°C.

**Device may withstand higher interrupt current at lower voltages. Each application will need to be individually evaluated.