RXE Selection Guide And Product Data

Now that you have selected your RXE device, please review the device's characteristics in this section to verify that the device will perform as required.

Electrical characteristics (20°C)

PART NUMBER	IH (A)	IT (A)	MAX TIME TO TRIP AT 5XIH	Pd (W)	Initial Resistance		Post- trip resistance
					R min (Ω)	R max (Ω)	R1 max (Ω)
RXE010	0.10	0.20	4.0	0.38	2.50	4.50	7.50
RXE017	0.17	0.34	3.0	0.48	3.30	5.21	8.00
RXE020	0.20	0.40	2.2	0.41	1.83	2.75	4.40
RXE025	0.25	0.50	2.5	0.45	1.25	1.95	3.00
RXE030	0.30	0.60	3.0	0.49	0.88	1.33	2.10
RXE040	0.40	0.80	3.8	0.56	0.55	0.86	1.29
RXE050	0.50	1.00	4.0	0.77	0.50	0.77	1.17
RXE065	0.65	1.30	5.3	0.88	0.31	0.48	0.72
RXE075	0.75	1.50	6.3	0.92	0.25	0.40	0.60
RXE090	0.90	1.80	7.2	0.99	0.20	0.31	0.47
RXE110	1.10	2.20	8.2	1.50	0.15	0.25	0.38
RXE135	1.35	2.70	9.6	1.70	0.12	0.19	0.30
RXE160	1.60	3.20	11.4	1.90	0.09	0.14	0.22
RXE185	1.85	3.70	12.6	2.10	0.08	0.12	0.19
RXE250	2.50	5.00	15.6	2.50	0.05	0.08	0.13
RXE300	3.00	6.00	19.8	2.80	0.04	0.06	0.10
RXE375	3.75	7.50	24.0	3.20	0.03	0.05	0.08

IH= hold current- maximum current at which the device will not trip at 20°C
IT=trip current- minimum current at which the device will always trip at 20°C
Pd= typical power dissipation- typical amount of power dissipated by the device when in tripped state in 20°C
Rmin= minimum device resistance at 20°C prior tripping
Rmax= maximum device resistance at 20°C prior tripping
R1 max= maximum device resistance at 20°C measured 1 hour post trip.

Physical characteristics

Lead material	RXE010: tin coated nickel-copper alloy, 24awg, ϕ 0.51 mm/0.020 in RXE0.10-040: tin/lead-plated copper- clad steel, 24 awg, ϕ 0.51 mm/0.020 in RXE050-090: tin/lead- plated copper, 24 awg, ϕ 0.51 mm/0.020 in RXE110-375: tin - plated copper, 24 awg, ϕ 0.51 mm/0.020 in
Soldering characteristics	solder ability perMIL-STD-202, method 208E Solder hit withstand per MIL-STD-202, method condition B
Insulating material	cured, flame-retardant epoxy polymer, meets UL 94V-O requirements.