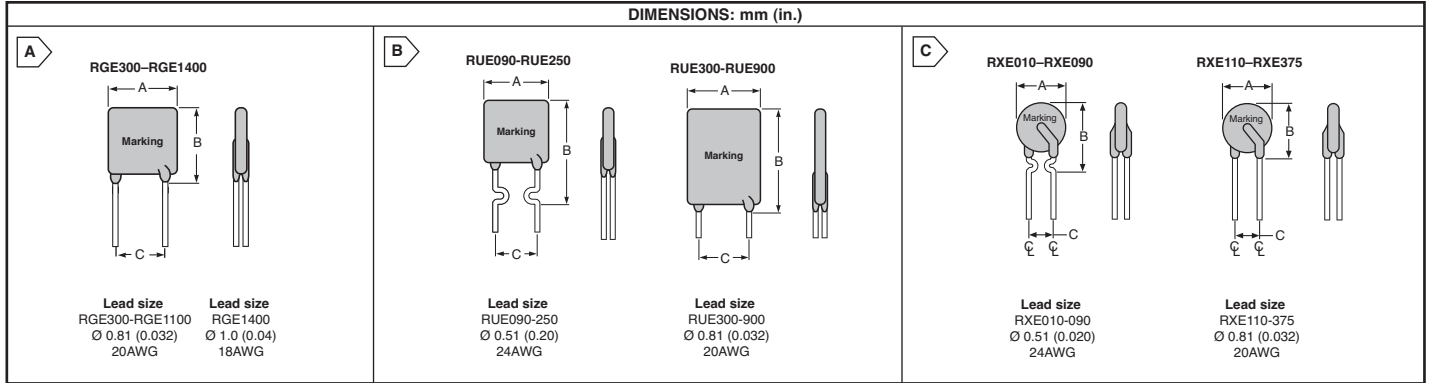


# RAYCHEM PolySwitch Resettable Fuses



Authorized Distributor

DIMENSIONS: mm (in.)



Raychem resettable fuses utilize a polymer based, positive temperature coefficient (PTC) material to protect electrical circuits against overcurrent conditions. In normal operations, the PTC has many conductive paths and a very low resistance. In overcurrent conditions, the temperature of the polymer material rises. This dramatically reduces the conductive paths resulting in an immediate rise in resistance. In this condition the device provides circuit protection by significantly limiting the flow of current. Once the cause of the initial overcurrent condition is eliminated, the PTC cools down and RESETS to a low resistance value permitting the normal current to resume.

## RAYCHEM RGE SERIES



This product line can be used in a wide variety of automotive, computer and general electronics applications. The RGE devices feature high current carrying capability (up to 14 amps) in a small package with fast trip times.

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Max Volt.	Current Rating @ 20°C			RMin Initial (Ohms)	Dimensions: mm (in.)			Price Each			
			Hold	Trip	Max		A	B	C	1	100	500	1000
650-RGEF300	A	16V	3.00	5.10	100	0.034	7.1 (0.28)	11 (0.43)	5.1 (0.20)	.45	.40	.34	.30
650-RGEF500	A	16V	5.00	8.50	100	0.014	10.4 (0.41)	14.3 (0.56)	5.1 (0.20)	.51	.47	.40	.345
650-RGEF600	A	16V	6.00	10.20	100	0.009	10.7 (0.42)	17.1 (0.67)	5.1 (0.20)	.54	.49	.42	.362
650-RGEF700	A	16V	7.00	11.90	100	0.006	11.2 (0.44)	19.7 (0.78)	5.1 (0.20)	.57	.51	.44	.378
650-RGEF900	A	16V	9.00	15.30	100	0.004	14 (0.55)	21.7 (0.85)	5.1 (0.20)	.55	.50	.45	.42
650-RGEF1100	A	16V	11.00	18.70	100	0.003	17.5 (0.69)	26 (1.02)	5.1 (0.20)	.59	.54	.486	.453
650-RGEF1400	A	16V	14.00	23.80	100	0.001	27.9 (1.10)	27.9 (1.10)	10.2 (0.40)	.99	.75	.68	.60

## RAYCHEM RUE SERIES

These devices are designed to be used in a wide variety of general electronics applications. RUE devices complement the RXE line by providing a smaller form factor with lower resistance and higher hold current capability (up to 9 amps).

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Max Volt.	Current Rating @ 20°C			RMin Initial (Ohms)	Dimensions: mm (in.)			Price Each			
			Hold	Trip	Max		A	B	C	1	100	500	1000
650-RUEF090	B	30V	0.90	1.80	40	0.070	7.4 (0.29)	12.2 (0.48)	5.1 (0.20)	.38	.34	.27	.24
650-RUEF110	B	30V	1.10	2.20	40	0.050	7.4 (0.29)	14.2 (0.56)	5.1 (0.20)	.37	.33	.28	.244
650-RUEF135	B	30V	1.35	2.70	40	0.040	8.9 (0.35)	15.2 (0.60)	5.1 (0.20)	.38	.35	.29	.251
650-RUEF160	B	30V	1.60	3.20	40	0.030	8.9 (0.35)	15.2 (0.60)	5.1 (0.20)	.39	.36	.30	.26
650-RUEF185	B	30V	1.85	3.70	40	0.030	10.2 (0.40)	15.7 (0.62)	5.1 (0.20)	.40	.36	.31	.269
650-RUEF250	B	30V	2.50	5.00	40	0.020	11.4 (0.45)	18.3 (0.72)	5.1 (0.20)	.41	.37	.32	.277
650-RUEF300	B	30V	3.00	6.00	40	0.020	11.4 (0.45)	17.3 (0.68)	5.1 (0.20)	.44	.40	.33	.291
650-RUEF400	B	30V	4.00	8.00	40	0.010	14.0 (0.55)	20.1 (0.79)	5.1 (0.20)	.47	.42	.37	.36
650-RUEF500	B	30V	5.00	10.00	40	0.010	14.0 (0.55)	24.9 (0.98)	10.2 (0.40)	.51	.47	.39	.344
650-RUEF600	B	30V	6.00	12.00	40	0.005	16.5 (0.65)	24.9 (0.98)	10.2 (0.40)	.55	.50	.42	.368
650-RUEF700	B	30V	7.00	14.00	40	0.005	19.1 (0.75)	26.7 (1.05)	10.2 (0.40)	.51	.47	.42	.391
650-RUEF800	B	30V	8.00	16.00	40	0.005	21.6 (0.85)	29.2 (1.15)	10.2 (0.40)	.53	.48	.44	.407
650-RUEF900	B	30V	9.00	18.00	40	0.005	24.1 (0.95)	29.7 (1.17)	10.2 (0.40)	.57	.51	.46	.433

## RAYCHEM RXE SERIES

These products function as a general-purpose line of resettable fuses and are well suited for power supplies, alarm systems, speakers, motors, and many other applications. Products range in hold currents from 0.10 amps to 3.75 amps and complement our RUE devices by providing a higher voltage rating.

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Max Volt.	Current Rating @ 20°C			RMin Initial (Ohms)	Dimensions: mm (in.)			Price Each			
			Hold	Trip	Max		A	B	C	1	100	500	1000
650-RXEF005	C	60V	0.05	0.10	50	20.00	8.0 (.315)	8.3 (3.25)	5.8 (.23)	.33	.29	.25	.219
650-RXEF010	C	60V	0.10	0.20	40	2.50	7.4 (0.29)	12.7 (0.50)	5.1 (0.20)	.32	.29	.24	.215
650-RXEF017	C	60V	0.17	0.34	40	3.30	7.4 (0.29)	12.7 (0.50)	5.1 (0.20)	.33	.29	.25	.217
650-RXEF020	C	60V	0.20	0.40	40	1.83	7.4 (0.29)	12.2 (0.48)	5.1 (0.20)	.34	.30	.25	.221
650-RXEF025	C	60V	0.25	0.50	40	1.25	7.4 (0.29)	12.7 (0.50)	5.1 (0.20)	.34	.30	.25	.222
650-RXEF030	C	60V	0.30	0.60	40	0.88	7.4 (0.29)	13.0 (0.51)	5.1 (0.20)	.34	.30	.25	.224
650-RXEF040	C	60V	0.40	0.80	40	0.55	7.6 (0.30)	13.5 (0.53)	5.1 (0.20)	.37	.33	.28	.243
650-RXEF050	C	60V	0.50	1.00	40	0.50	7.9 (0.31)	13.7 (0.54)	5.1 (0.20)	.38	.34	.28	.246
650-RXEF065	C	60V	0.65	1.30	40	0.31	9.7 (0.38)	14.5 (0.57)	5.1 (0.20)	.38	.34	.29	.249
650-RXEF075	C	60V	0.75	1.50	40	0.25	10.4 (0.41)	15.2 (0.60)	5.1 (0.20)	.38	.35	.29	.252
650-RXEF090	C	60V	0.90	1.80	40	0.20	11.7 (0.46)	15.8 (0.62)	5.1 (0.20)	.38	.35	.29	.256
650-RXEF110	C	60V	1.10	2.20	40	0.15	13.0 (0.51)	18.0 (0.71)	5.1 (0.20)	.39	.35	.29	.257
650-RXEF135	C	72V	1.35	2.70	96	0.19	14.5 (.57)	19.1 (.75)	5.8 (.23)	.40	.36	.32	.268
650-RXEF160	C	60V	1.60	3.20	40	0.09	16.3 (0.64)	21.3 (0.84)	5.1 (0.20)	.41	.37	.31	.274
650-RXEF185	C	60V	1.85	3.70	40	0.08	17.8 (0.70)	22.9 (0.90)	5.1 (0.20)	.45	.40	.34	.295
650-RXEF250	C	60V	2.50	5.00	40	0.05	21.3 (0.84)	26.4 (1.04)	10.2 (0.40)	.49	.43	.38	.328
650-RXEF300	C	60V	3.00	6.00	40	0.04	24.9 (0.98)	30.0 (1.18)	10.2 (0.40)	.52	.48	.41	.353
650-RXEF375	C	60V	3.75	7.50	40	0.03	28.5 (1.12)	33.5 (1.32)	10.2 (0.40)	.55	.50	.42	.369

