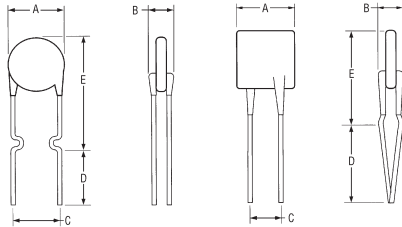


Resettable Fuses

Multifuse — MF-R Series

Best Value



- Resettable overcurrent circuit protection
- Reset by removing the fault condition and supply voltage
- Flame retardant epoxy polymer encapsulation meets the requirements of UL94V-0

Operating temperature -40°C to +85°C Voltage 30V

(A)*	(A)**	A	B	C		D	E	Lead	Case	Mfrs.	Order
I Hold	I Trip	Max.	Max.	Min.	Max.	Min.	Max.	Dia	Style	List No.	Code
0.1	0.15	7.4	3.1	4.3	5.8	7.6	12.7	0.51	1	MF-R010	772-252
0.2	0.3	7.4	3.1	4.3	5.8	7.6	12.7	0.51	1	MF-R020	772-264
0.25	0.38	7.4	3.1	4.3	5.8	7.6	12.7	0.51	1	MF-R025	772-276
0.3	0.45	7.4	3.1	4.3	5.8	7.6	13.0	0.51	1	MF-R030	772-288
0.4	0.6	7.4	3.1	4.3	5.8	7.6	13.5	0.51	1	MF-R040	772-290
0.5	0.75	7.9	3.1	4.3	5.8	7.6	13.7	0.51	1	MF-R050	772-306
0.65	0.98	9.7	3.1	4.3	5.8	7.6	14.5	0.51	1	MF-R065	772-318
0.75	1.13	10.4	3.1	4.3	5.8	7.6	15.2	0.51	1	MF-R075	772-320
0.9	1.35	11.7	3.1	4.3	5.8	7.6	15.8	0.51	1	MF-R090	772-331
1.1	2.2	6.6	3.0	4.3	5.8	7.6	14.2	0.51	1	MF-R110	772-343
1.35	2.7	8.9	3.0	4.3	5.8	7.6	13.5	0.51	1	MF-R135	772-355
1.6	3.2	8.9	3.0	4.3	5.8	7.6	15.2	0.51	1	MF-R160	772-367
1.85	3.70	10.2	3.0	4.3	5.8	7.6	15.7	0.51	1	MF-R185	772-379
2.5	5.0	11.4	3.0	4.3	5.8	7.6	18.3	0.51	1	MF-R200	772-380
3.0	6.0	11.4	3.0	4.3	5.9	7.6	17.3	0.81	2	MF-R300	772-392
4.0	8.0	14.0	3.0	4.3	5.9	7.6	20.1	0.81	2	MF-R400	772-409
5.0	10.0	16.5	3.0	4.3	10.9	7.6	24.9	0.81	2	MF-R500	772-410
6.0	12.0	19.1	3.0	4.3	10.9	7.6	26.7	0.81	2	MF-R600	772-422
7.0	14.0	21.6	3.0	4.3	10.9	7.6	29.2	0.81	2	MF-R700	772-434
8.0	16.0	24.1	3.0	4.3	10.9	7.6	29.7	0.81	2	MF-R800	772-446

* I Hold - Current at which Multifuse will not trip
** I Trip - Current at which Multifuse will trip

FUS295

Order Multiple=5	Hold Current (A)	Order Code	5+	50+	100+	250+	500+
	0.1	772-252					
	0.2	772-264					
	0.25	772-276					
	0.3	772-288					
	0.4	772-290					
	0.5	772-306					
	0.65	772-318					
	0.75	772-320					
	0.9	772-331					
	1.1	772-343					
	1.35	772-355					
	1.6	772-367					
	1.85	772-379					
	2.5	772-380					
	3	772-392					
	4	772-409					
	5	772-410					
	6	772-422					
	7	772-434					
	8	772-446					

POLYSWITCH™



The PolySwitch resettable fuse is a positive temperature coefficient (PTC) resistor that undergoes a large and abrupt change in resistance when an overcurrent or high temperature heats it above a specific point.

Under normal operating conditions the device resistance is just tens of milliohms. In the overcurrent condition the resistance substantially increases, thus limiting the fault current to a safe level. The polyswitch is reset by removing the fault condition and the supply voltage.

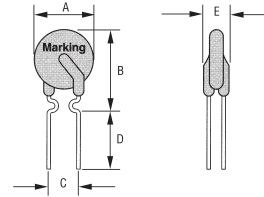
Note The PolySwitch device is not intended for continual and repeated tripping. They are designed for over current and over temperature protection only.

FUS269

PolySwitch – RXE Series



Lead dia. = 0.51 (24 AWG).



RXE series of general purpose resettable fuses for applications with a maximum voltage of up to 60V.

Maximum voltage 60V rms
Operating temperature -40°C to +85°C
Case meets the requirements of UL94V-0
Approved to UL, CSA and TUV.

Maximum interrupt current 40A
Typical reset time <20s
Max surface temperature 125°C in tripped state

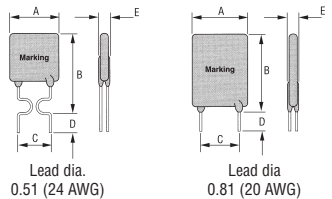
Dimensions											
I _H	I _T	A	B	C	D	E	Mfrs.	Order			
(A)	(A)	Max.	Max.	Typ.	Min.	Max.	List No.	Code			
0.1	0.2	7.4	12.7	5.1	7.6	3.0	RXE010	608-798			
0.17	0.34	7.4	12.7	5.1	7.6	3.0	RXE017	608-804			
0.2	0.4	7.4	12.2	5.1	7.6	3.0	RXE020	608-816			
0.25	0.5	7.4	12.7	5.1	7.6	3.0	RXE025	608-828			
0.3	0.6	7.4	13.0	5.1	7.6	3.0	RXE030	608-830			
0.4	0.8	7.6	13.5	5.1	7.6	3.0	RXE040	608-841			
0.5	1.0	7.9	13.7	5.1	7.6	3.0	RXE050	608-853			
0.65	1.3	9.7	14.5	5.1	7.6	3.0	RXE065	608-865			
0.75	1.5	10.4	15.2	5.1	7.6	3.0	RXE075	608-877			
0.9	1.80	11.7	15.7	5.1	7.6	3.0	RXE090	608-889			

I_H = Hold current. The maximum current at which the device will not trip at 20°C
I_T = Trip current. The minimum current at which the device will always trip at 20°C

FUS272

Order Multiple=5	Price Each						
I Hold (A)	Order Code	5+	50+	100+	250+	500+	1000+
0.1	608-798						
0.17	608-804						
0.2	608-816						
0.25	608-828						
0.3	608-830						
0.4	608-841						
0.5	608-853						
0.65	608-865						
0.75	608-877						
0.9	608-889						

PolySwitch – RUE Series



Lead dia. 0.51 (24 AWG)

Lead dia 0.81 (20 AWG)

RUE series of high current resettable fuses designed for applications that require a hold current between 0.9 and 9.0A, and a maximum voltage of 30V.

Price Reduced

Maximum voltage 30V
Operating temperature -40°C to +85°C
Case meets the requirements of UL94V-0
Approved to UL, CSA and TUV.

Maximum interrupt current 40A
Typical reset time <20s
Max. surface temperature 125°C in tripped state

Dimensions											
I _H	I _T	A	B	C	D	E	Mfrs.	Order			
(A)	(A)	max.	max.	typ.	min.	max.	List No.	Code			
0.9	1.8	7.4	12.2	5.1	7.6	3.0	RUE090	608-890			
1.1	2.2	7.4	14.2	5.1	7.6	3.0	RUE110	608-907			
1.35	2.7	8.9	13.5	5.1	7.6	3.0	RUE135	608-919			
1.6	3.2	8.9	15.2	5.1	7.6	3.0	RUE160	608-920			
1.85	3.7	10.2	15.7	5.1	7.6	3.0	RUE185	608-932			
2.5	5.0	11.4	18.3	5.1	7.6	3.0	RUE250	608-944			
3.0	6.0	11.4	17.3	5.1	7.6	3.0	RUE300	608-956			
4.0	8.0	14.0	20.1	5.1	7.6	3.0	RUE400	608-968			
5.0	10.0	14.0	24.9	10.2	7.6	3.0	RUE500	608-970			
6.0	12.0	16.5	24.9	10.2	7.6	3.0	RUE600	608-981			
7.0	14.0	19.1	26.7	10.2	7.6	3.0	RUE700	608-993			
8.0	16.0	21.6	29.2	10.2	7.6	3.0	RUE800	609-006			
9.0	18.0	24.1	29.7	10.2	7.6	3.0	RUE900	609-018			

I_H = Hold current. The maximum current at which the device will not trip at 20°C
I_T = Trip current. The minimum current at which the device will always trip at 20°C

FUS271