

PolySwitch™ Resettable Devices — Radial-Leaded Devices (Continued)

NEW

Tyco Electronics' PolySwitch™ radial-leaded products represent the most comprehensive and complete set of PPTC products available in the industry today.

Benefits www.DataSheet4U.com

- ▶ Many Product Choices Give Engineers More Design Flexibility
- ▶ Compatible with High-Volume Electronics Assembly
- ▶ Assists in Meeting Regulatory Requirements
- ▶ High Voltage Ratings Allow Use in New Applications

Features

- ▶ Broadest Range of Radial-Leaded Resettable Devices Available in the Industry
- ▶ Current Ratings From 50 mA to 15 A
- ▶ Voltage Ratings From 6 VAC to 265 VAC Line Voltage Applications
- ▶ Agency Recognition: UL, CSA, TUV
- ▶ Fast Time-to-Trip
- ▶ Low Resistance

Applications

- ▶ Satellite Video Receivers
- ▶ Industrial Controls
- ▶ Transformers
- ▶ Computer Motherboards
- ▶ Modems
- ▶ USB Hub, Ports and Peripherals
- ▶ IEEE1394 Ports
- ▶ CD-ROMs

- ▶ Game Machines
- ▶ Battery Packs
- ▶ Phones
- ▶ Fax Machines
- ▶ Analog and Digital Line Cards
- ▶ Printers



RTEF Series

- ▶ For IEEE-1394 Applications



Stock No.	Mfr.'s Type	I _H (A)	I _T (A)	V _{MAX} (V)	V _{MAX} Int. (VAC)	I _{MAX} (A)	Typ. P _D (W)	Max. Time-to-Trip		R _{MIN} (Ω)	R _{MAX} (Ω)	R _{1 MAX} (Ω)	Lead Size mm (AWG)	EACH		
								(A)	(s)					1-49	50-99	100-499
420-0034	RTEF120	1.20	2.30	33	—	40	0.78	6.00	3.50	0.074	0.120	0.180	0.205 (24)	.39	.34	.31
420-0035	RTEF135	1.35	2.50	33	—	40	0.84	6.75	4.50	0.059	0.100	0.143	0.205 (24)	.40	.36	.32
420-0036	RTEF190	1.90	3.00	33	—	40	0.90	9.50	3.50	0.045	0.063	0.092	0.205 (24)	.43	.38	.34

RUEF Series

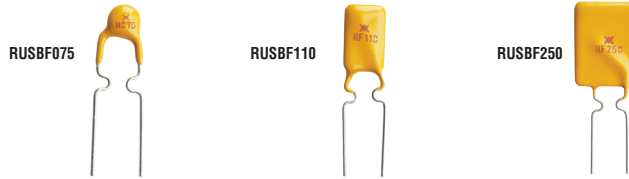
- ▶ For Balance of Voltage Rating 30 V and Hold Current Up to 9 A



420-0037	RUEF090	0.90	1.80	30	—	100	0.60	4.50	5.90	0.070	0.120	0.220	0.205 (24)	.36	.32	.29
420-0038	RUEF110	1.10	2.20	30	—	100	0.70	5.50	6.60	0.070	0.100	0.170	0.205 (24)	.36	.32	.29
420-0039	RUEF135	1.35	2.70	30	—	100	0.80	6.75	7.30	0.040	0.080	0.130	0.205 (24)	.37	.33	.30
420-0040	RUEF160	1.60	3.20	30	—	100	0.90	8.00	8.00	0.030	0.070	0.110	0.205 (24)	.39	.34	.31
420-0041	RUEF185	1.85	3.70	30	—	100	1.00	9.25	8.70	0.030	0.060	0.090	0.205 (24)	.40	.36	.32
420-0042	RUEF250	2.50	5.00	30	—	100	1.20	12.50	10.30	0.020	0.040	0.070	0.205 (24)	.41	.36	.33
420-0043	RUEF300	3.00	6.00	30	—	100	2.00	15.00	10.80	0.020	0.050	0.080	0.520 (20)	.43	.38	.35
420-0044	RUEF400	4.00	8.00	30	—	100	2.50	20.00	12.70	0.010	0.030	0.050	0.520 (20)	.47	.42	.37
420-0045	RUEF500	5.00	10.00	30	—	100	3.00	25.00	14.50	0.010	0.030	0.050	0.520 (20)	.51	.45	.41
420-0046	RUEF600	6.00	12.00	30	—	100	3.50	30.00	16.00	0.005	0.020	0.040	0.520 (20)	.55	.49	.44
420-0047	RUEF700	7.00	14.00	30	—	100	3.80	35.00	17.50	0.005	0.020	0.030	0.520 (20)	.58	.52	.47
420-0048	RUEF800	8.00	16.00	30	—	100	4.00	40.00	18.80	0.005	0.013	0.020	0.520 (20)	.61	.54	.48
420-0049	RUEF900	9.00	18.00	30	—	100	4.20	45.00	20.00	0.005	0.010	0.020	0.520 (20)	.64	.57	.51

RUSBF Series

- ▶ For Fast Time-to-Trip and Low-Resistance Computer Applications



420-0050	RUSBF075	0.75	1.30	6	—	40	0.3	8.0	0.4	0.110	0.175	0.230	0.205 (24)	.31	.28	.25
420-0051	RUSBF090	0.90	1.80	16	—	40	0.6	8.0	1.2	0.070	0.120	0.180	0.205 (24)	.37	.33	.30
420-0052	RUSBF110	1.10	2.20	16	—	40	0.7	8.0	2.3	0.050	0.095	0.140	0.205 (24)	.38	.33	.30
420-0053	RUSBF135	1.35	2.70	16	—	40	0.8	8.0	4.5	0.040	0.074	0.112	0.205 (24)	.39	.34	.31
420-0054	RUSBF185	1.85	3.70	16	—	40	1.0	8.0	10.0	0.030	0.051	0.090	0.205 (24)	.41	.37	.33
420-0055	RUSBF250	2.50	5.00	16	—	40	1.2	8.0	40.0	0.020	0.036	0.060	0.205 (24)	.42	.38	.34

RXEF Series

- ▶ For Low Hold Currents (Down to 50 mA) and High Voltage Ratings (Up to 72 V)



420-0056	RXEF005	0.05	0.10	60	—	40	0.22	0.25	5.00	7.300	11.100	20.000	0.128 (26)	.33	.29	.26
420-0057	RXEF010	0.10	0.20	60	—	40	0.38	0.50	4.00	2.500	4.500	7.500	0.205 (24)	.32	.28	.25
420-0058	RXEF017	0.17	0.34	60	—	40	0.48	0.85	3.00	3.300	5.210	8.000	0.205 (24)	.32	.29	.26
420-0059	RXEF020	0.20	0.40	72	—	40	0.41	1.00	2.20	1.830	2.750	4.400	0.205 (24)	.33	.29	.26
420-0060	RXEF025	0.25	0.50	72	—	40	0.45	1.25	2.50	1.250	1.950	3.000	0.205 (24)	.33	.29	.26
420-0061	RXEF030	0.30	0.60	72	—	40	0.49	1.50	3.00	0.880	1.330	2.100	0.205 (24)	.33	.30	.27
420-0062	RXEF040	0.40	0.80	72	—	40	0.56	2.00	3.80	0.550	0.860	1.290	0.205 (24)	.36	.32	.29
420-0063	RXEF050	0.50	1.00	72	—	40	0.77	2.50	4.00	0.500	0.770	1.170	0.205 (24)	.37	.32	.29
420-0064	RXEF065	0.65	1.30	72	—	40	0.88	3.25	5.30	0.310	0.480	0.720	0.205 (24)	.37	.33	.30
420-0065	RXEF075	0.75	1.50	72	—	40	0.92	3.75	6.30	0.250	0.400	0.600	0.205 (24)	.38	.33	.30
420-0066	RXEF090	0.90	1.80	72	—	40	0.99	4.50	7.20	0.200	0.310	0.470	0.205 (24)	.38	.34	.30
420-0067	RXEF110	1.10	2.20	72	—	40	1.50	5.50	8.20	0.150	0.250	0.380	0.520 (20)	.38	.34	.31
420-0068	RXEF135	1.35	2.70	72	—	40	1.70	6.75	9.60	0.120	0.190	0.300	0.520 (20)	.40	.35	.32
420-0069	RXEF160	1.60	3.20	72	—	40	1.90	8.00	11.40	0.090	0.140	0.220	0.520 (20)	.41	.36	.33
420-0070	RXEF185	1.85	3.70	72	—	40	2.10	9.25	12.60	0.080	0.120	0.190	0.520 (20)	.44	.39	.35
420-0071	RXEF250	2.50	5.00	72	—	40	2.50	12.50	15.60	0.050	0.080	0.130	0.520 (20)	.49	.43	.39
420-0072	RXEF300	3.00	6.00	72	—	40	2.80	15.00	19.80	0.040	0.060	0.100	0.520 (20)	.53	.47	.42
420-0073	RXEF375	3.75	7.50	72	—	40	3.20	18.75	24.00	0.030	0.050	0.080	0.520 (20)	.55	.49	.44

SEMICONDUCTORS, IC ADAPTERS, CRYSTALS & OSCILLATORS