














Overvoltage and overcurrent selection guide

Overvoltage								
Product Family	Product Image	Rated Volts DC(V)	Clamping Voltage (V) Typ	Capacitance (pF) Typ	Trigger Voltage (V) Typ	Leakage Current	Size (mm) L x W x H	Packaging (pcs/reel)
Voltage variable material		5-30	24-35	0.05-0.15pF @1MHz	125-350	<0.1nA-0.01µA	1.1 x 0.53 x 0.36	5k-10k
							1.6 x 0.8 x 0.5	
							3.2 x 1.6 x 0.8	
							2.5 x 1.0 x 0.5	
MLVA02		5.5-26	20-58	32-270pF@1MHz		<10µA	0.6 x 0.3 x 0.3	4k-15k
MLVA04							1.0 x 0.5 x 0.5	
MLVA06							1.6 x 0.8 x 0.8	
MLVB04		9-18	35-250	0.5-5pF@1MHz	--	<10µA	1.0 x 0.5 x 0.5	4k-10k
MLVB06							1.6 x 0.8 x 0.8	
TVSA04		5	17	4-6pF@1MHz	--	<10nA	0.6 x 0.3 x 0.3	10k-15k
TVSA06							1.0 x 0.5 x 0.5	
Overcurrent - PolyTron™ PTC Devices								
Product Family	Image	Max Volts DC (V)	Hold Current (A)	Max Fault Current Amps	Trip Current Amps	Agency Approvals	Size(mm) L x W x H	Packaging (pcs/reel)
PTR016V		16-60	0.1-15	40-100	0.2-25.5	cURus, TUV	Various	1k-3k
PTR030V								
PTR060V								
PTS1206		6-60	0.05-3	10-100	0.15-5	cURus, TUV	3.2 x 1.6	1k-5k
PTS1812							4.6 x 3.2	

Overcurrent - One-Time SMD Fuses								
Product Family	Image	Max Volts	Current Amps	Interrupting Rating Amps	Type	Agency Approvals	Size(mm) L x W x H	Packaging (Carton Qty)
0603FA CC06H		32-50Vdc	0.25-5	35-50	Fast-Acting, High \bar{t}	UR, cURus, CSA	1.6 x 0.81	5k-10K
3216FF 3216TD CC12H		32Vac/ 24-63Vdc	0.25-30	35-300	Fast-Acting, Time-Delay, High \bar{t}	UR, CSA, cURus	3.2 x 1.6	2.5k-3K
6125FF 6125TD		125Vac/ 60-72Vdc	0.25-15	50-300	Fast-Acting, Time-Delay	UR, cURus, CSA	6.1 x 2.72	1k-5k
1025FA 1025TD TCP		250Vac/ 60-125Vdc	0.25-15	40-60	Fast-Acting, Time-Delay, Telecom	UR, CSA	10.29 x 2.77	2.5k
Overcurrent - One-Time Non-SMD Fuses								
Product Family	Product Image	Max Volts	Current Amps	Interrupting Rating Amps	Type	Agency Approvals	Size(mm) L x W x H	Packaging (Carton Qty)
SR-5 SR-5F		125-250Vac	0.04-10	35-63	Time-Delay, Fast-Acting	cURus, UL, VDE, Semko, CCC, CQC, EK-Mark, PSE	7.6 x 8.5	200, 1000
SR-5H		250Vac	0.4-5	100	HBC Time-Delay	cURus, PSE, EK-Mark, VDE, Semko, CCC,	8.6 x 8.4	200, 1000
SS-5 SS-5F		125-250Vac	0.4-10	35-63	Time-Delay, Fast-Acting	cURus, cULus, VDE, Semko, CQC, PSE, EK-Mark	7.85 x 8.5 x 4.3	200, 1000
PC-Tron		125-250Vac/ 400-450Vdc	0.5-5	50-10,000 AC/ 300-5900 DC	Fast-Acting	UR, CSA	8.89 x 8.5 x 4.67	5, 100, 500
MCRW MCRS		125Vac	0.1-15	50-300	Time-Delay, Fast-Acting	UR, CSA	3.18 x 7.1	1000, 2500
C310T		250Vac	0.31-6.3	35	Time-Delay	cURus, VDE, CQC, TUV, KTL	4 x 11.5	1500
AGC ABC MDL MDA GBB		32-250Vac/ 125Vdc	0.05-40	30-10,000 AC/ 200-10,000 DC	Fast-Acting, Time-Delay, Very Fast-Acting	UL, UR, CSA, CE	32.82 x 6.35	100, 1000
S500 S501 S505 S506 GMA GMC GMD		125-250Vac	0.032-15	35-10,000	Fast-Acting, Time-Delay, Medium Time-Delay	UL, UR, cURus, CSA, Semko, VDE, BSI, IMQ, PES/JET, PSE, CCC, EK-Mark, FIMKO	5 x 20	100, 1000, 1500
C515 C517 C518 C519 C520		125-350Vac	0.1-7	25-10,000	Time-Delay, Lighting Ballast, Fast-Acting	UL, UR, CSA	5 x 15	100, 1000, 1500

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