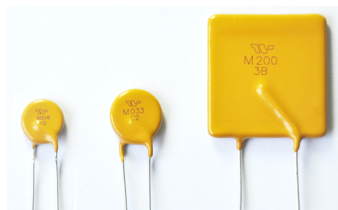


III- TRM(240V) Series

REOMAX - PPTC Resettable Fuses



Features

- ◆ Radial Leaded Devices
- ◆ Cured, flame retardant epoxy polymer insulating material meets UL 94V-0 requirements
- ◆ Meet RoHs, Reach, standard
- ◆ Voltage: 120Vac and 240Vac
- ◆ Agency recognition: UL On Approval

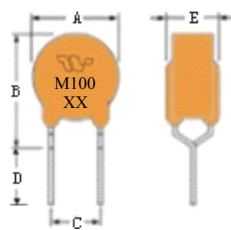
Applications

- ◆ Security and fire alarm systems
- ◆ Motor, Blower
- ◆ Electronics load
- ◆ Modems and DSL
- ◆ Medical equipment
- ◆ POS
- ◆ GPS receiver
- ◆ Industrial control

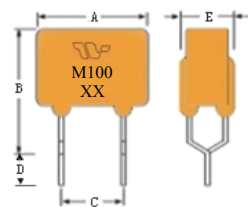
Electrical Characteristics (电气特性):

P/N	保持 电流	跳脱 电流	最大电压	最大 电流	最大冲 击电压	最大动作时间		消耗功率	电阻范围(Ω)		
	I_H (A)	I_T (A)	V_{max} (Vac)	I_{max} (A)	V_{max} (V)	(A)	(Sec.)	$P_{d\ typ.}$ (W)	R_{min}	R_{max}	$R1_{max}$
TRM005	0.05	0.12	240	1.0	265	0.25	15	0.7	18.5	34.4	65
TRM008	0.08	0.19	240	1.2	265	0.40	15	0.8	7.4	13.8	26
TRM012	0.12	0.30	240	1.2	265	0.60	15	1.0	3.0	5.58	12
TRM016	0.16	0.37	240	2.0	265	0.80	15	1.4	2.5	4.65	7.8
TRM025	0.25	0.56	240	3.5	265	1.25	18.5	1.5	1.3	2.42	3.8
TRM033	0.33	0.74	240	4.5	265	1.65	18.5	1.7	0.83	1.8	2.80
TRM040	0.40	0.90	240	5.5	265	2.00	24.0	2.0	0.60	1.12	1.90
TRM055	0.55	1.25	240	7.0	265	2.75	26.0	3.4	0.45	0.84	1.45
TRM075	0.75	1.50	240	7.5	265	3.75	18.0	2.6	0.32	0.60	0.84
TRM100	1.00	2.00	240	10.0	265	5.00	21.0	2.9	0.22	0.41	0.58
TRM125	1.25	2.50	240	12.5	265	6.25	23.0	3.3	0.17	0.32	0.44
TRM200	2.00	4.00	240	20.0	265	10.0	28.0	4.5	0.09	0.16	0.22

Product Dimensions & Marking (Unit: mm) (产品尺寸):



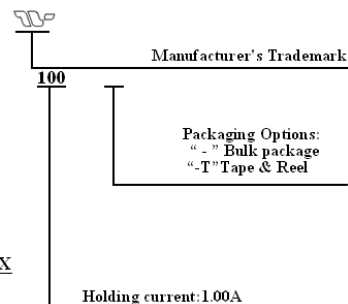
Style1



Style2

Max. working voltage:
A=16V
B=30V
C=60/72V
E=90/120V
F=250V
G=600V
M=240V

Lot No



P/N	A	B	C	D	E	Physical Characteristics(物理特性)		
	Max.(最大)	Max.(最大)	Typ.(标准)	Min.(最小)	Max.(最大)	Style(样式)	Lead Φ mm	Material(材料)
TRM005	6.9	9.3	5.1	7.6	3.8	1	0.60	CU
TRM008	6.9	9.3	5.1	7.6	3.8	1	0.60	CU
TRM012	8.3	10.7	5.1	7.6	3.8	1	0.60	CU
TRM016	9.9	12.5	5.1	7.6	3.8	1	0.60	CU
TRM025	11.0	17.4	5.1	7.6	3.8	1	0.60	CU
TRM033	11.4	16.5	5.1	7.6	3.8	1	0.60	CU
TRM040	11.5	19.5	5.1	7.6	3.8	1	0.60	CU
TRM055	11.8	21.7	5.1	7.6	3.8	2	0.60	CU
TRM075	15.4	23.9	5.1	7.6	4.0	2	0.81	CU
TRM100	18.7	24.4	5.1	7.6	4.0	2	0.81	CU
TRM125	21.2	27.4	10.2	7.6	4.0	2	0.81	CU
TRM200	24.9	33.8	10.2	7.6	4.0	2	0.81	CU



瑞卓电子有限公司
REOMAX ELECTRONICS CO., LTD

tom.tang@reomax.net

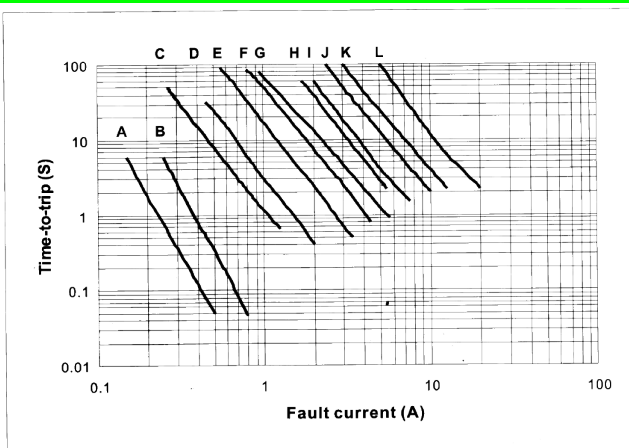
http://www.reomax.net

Thermal Derating Chart – I_{hold} (Amps) (环境温度与工作电流关系特性曲线)

P/N	Ambient Operating Temperature(工作环境温度)								
	-40℃	-20℃	0℃	25℃	40℃	50℃	60℃	70℃	85℃
TRM005	0.08	0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.02
TRM008	0.13	0.11	0.10	0.08	0.06	0.06	0.05	0.04	0.03
TRM012	0.19	0.17	0.14	0.12	0.10	0.08	0.07	0.06	0.05
TRM016	0.25	0.22	0.19	0.16	0.13	0.11	0.10	0.08	0.06
TRM025	0.40	0.35	0.30	0.25	0.20	0.18	0.15	0.13	0.10
TRM033	0.52	0.46	0.39	0.33	0.26	0.23	0.20	0.17	0.13
TRM040	0.63	0.55	0.48	0.40	0.32	0.28	0.24	0.20	0.15
TRM055	0.87	0.76	0.65	0.55	0.44	0.39	0.33	0.28	0.21
TRM075	1.19	1.04	0.89	0.75	0.60	0.53	0.45	0.38	0.29
TRM100	1.58	1.38	1.19	1.00	0.80	0.70	0.60	0.50	0.38
TRM125	1.98	1.73	1.49	1.25	1.00	0.88	0.75	0.63	0.48
TRM200	3.16	2.76	2.38	2.00	1.60	1.40	1.20	1.00	0.76

Typical time to trip at 25℃ (25℃下的动作保护时间曲线表):

A=TRM005
 B=TRM008
 C=TRM012
 D=TRM016
 E=TRM025
 F=TRM133
 G=TRM040
 H=TRM055
 I=TRM075
 J=TRM100
 K=TRM125
 L=TRM200



The Time to Trip curves represent typical performance of a device in a simulated application environment. Actual performance in specific customer applications may differ from these values due to the influence of other variables.

Agency Approvals (安规认证):

- Agency Approvals: UL、CSA、TUV
- Regulation/Standard: RoHS 2.0(2011/65/CE)

Package information (包装信息):

Model	Q'ty/bag
TRM005-TRM040, TRM075	1000 pcs
TRM055	500 pcs
TRM100-TRM200	200 pcs

- Tape and Reel Specifications
- Devices taped using EIA468-B/IEC286-2 standards.