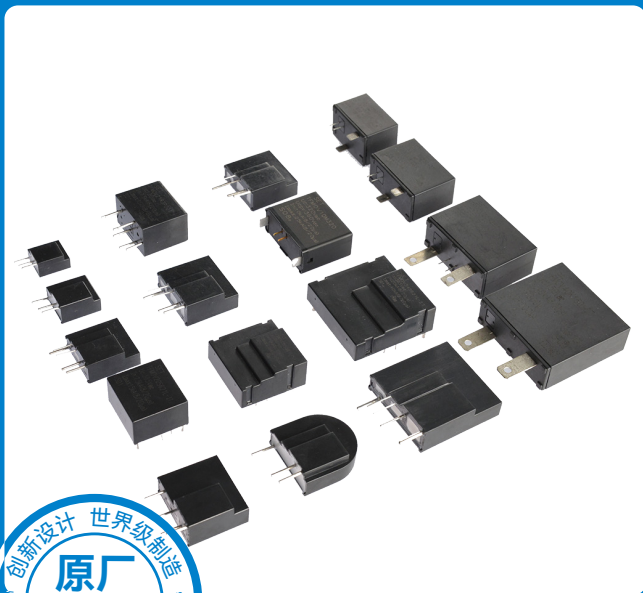


TFMOV

热保护型压敏电阻

Thermal Fuse & MOV (TFMOV)

- 过温保护，高可靠性
 - 标称放电电流 (I_n): (1 ~ 40 kA)
 - 失效指示遥信触点 (可选)
 - 环氧密封材料，阻燃等级V0 (UL 94)
 - 符合 UL /TUV/CQC认证
- Over-temperature Protection, High Reliability
 - Nominal Discharge Current (I_n): (1 ~ 40 kA)
 - Remote Signal Contact and Failure Indication (Optional)
 - Sealing Material, Flame-retardant to V0 (UL 94)
 - Comply with UL /TUV/CQC



制造电路控制及安全保护元器件 提供电路安全解决方案
Providing a Total Solution for High Standard Safety Circuit Protection

SET safe | SET fuse

赛尔特

WHAT

CAN DO FOR YOU

赛尔特设计、制造、销售业界领先的**电路控制及安全保护元器件**、提供**电路安全解决方案**。

2000年成立于中国厦门。产品销往40多个国家和地区，与世界500强的部分企业有深远的合作，首创、独创多个产品；取得CCC、UL、cUL、VDE、TUV、PSE、KC等认证，符合RoHS、REACH，获得IATF16949、ISO9001、ISO14001、ISO45001、GB/T29490管理体系认证，参与多项电路保护元器件的国家、国际标准制定、修订。

赛尔特(SETsafe | SETfuse)产品的主要应用市场：通信、防雷器、电源、新能源、照明、家电、移动设备、医疗。

MISSION

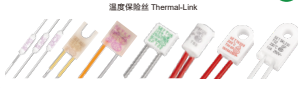
PROVIDING A TOTAL SOLUTION FOR HIGH STANDARD SAFETY CIRCUIT PROTECTION.

SETsafe | SETfuse was established in 2000 in Xiamen, China. We have a presence in more than 40 countries and regions recognising our products. Some of the world's 500 fortune companies are our valuable customers. We have pioneered, innovated & developed several products exclusively. Products are compliance with CCC, UL, cUL, VDE, TUV, PSE, KC, IATF16949, ISO9001, ISO14001, ISO45001, GB/T29490 certificates. We are in one of the core participating teams for revising and setting several national & international standards in the field of Circuit Protection.


SETsafe | SETfuse Key Markets: Telecom, Surge Protector, Power, New Energy, Lighting, Home Appliances, Mobile Devices, Medical.

过温保护 Over Temperature Protection


ATCO
温度保险丝 Thermal-Link 1



DC-ATCO
直流温度保险丝 Thermal-Link 2



OTCO
温度保险丝 Thermal-Link 3

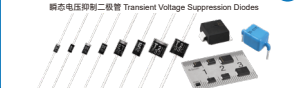


TMS
热保护器 Thermal Protector 4




过电压保护 Over Voltage Protection


TVS Diodes
瞬态电压抑制二极管 Transient Voltage Suppression Diodes 1




GDT
气体放电管 Gas Discharge Tube 2




MOV
压敏电阻 Metal Oxide Varistor 3



TFMOV
热保护型压敏电阻 Thermal Fuse & MOV 4



TFMOV
热保护型压敏电阻 Thermally Protected Varistors 5




过电压保护 Over Voltage Protection

SPD-M
电涌保护模块 Surge Protective Device Module 6




SPD
低压电源系统 Low-voltage Power Systems 7



SPD
光伏供电系统 PV System 8



SPD
室外照明系统 Outdoor Lighting 9



SPD
信号通信系统 Signaling Networks 10



过电流保护 Over Current Protection

Mini Fuses
小型熔断器 Miniature Fuses 1



TRXF
热保护型熔断电阻器 Thermal-Link & Fusing Resistor 2



TPR
热保护型熔断电阻器 Thermally Protected Resistor 3



NTC
抑制浪涌电流NTC热敏电阻器 Inrush Current Limiting NTC Thermistor 4



LV Fuses
低压熔断器 Low Voltage Fuses 5

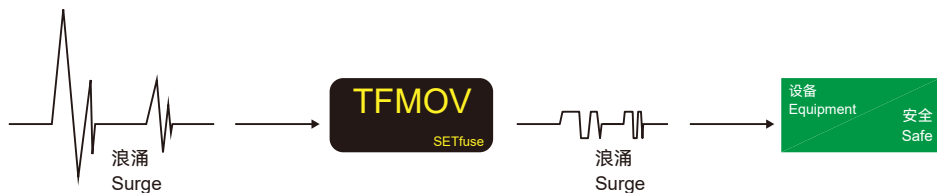


主动保护 Active Protection

iTCO
受控熔断器 Iode Thermal-Link 1



电涌保护原理 Surge Protection Principle



产品结构 Product Structure

内置压敏电阻和温度保险丝 Built-in MOV and Thermal-link (TCO)



安全失效的压敏电阻
Fail-safe MOV

=



泄放电流钳制电压
Current Discharging
Voltage Limiting

+



热保护
Thermal Protection

+



热设计
Thermo-coupling

热脱扣保护的压敏电阻 MOV with Thermal Tripping Protection



=

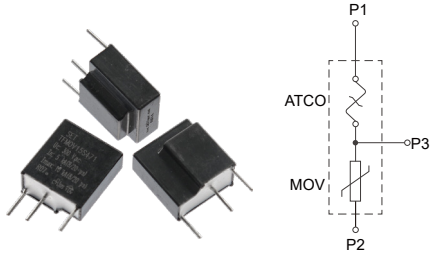


+

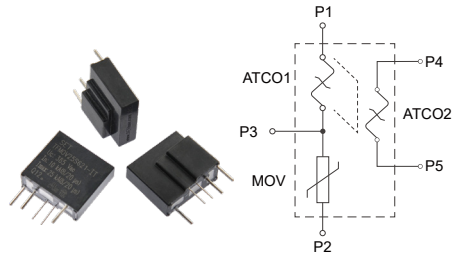
热脱扣设计
Thermal Tripping

电气原理图 Schematics

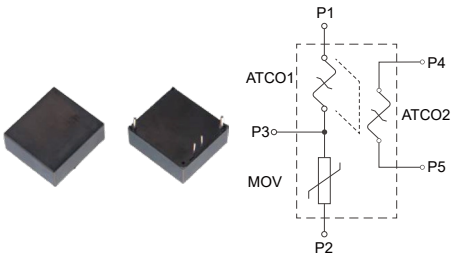
TFMOV10S / 15S 系列 Series



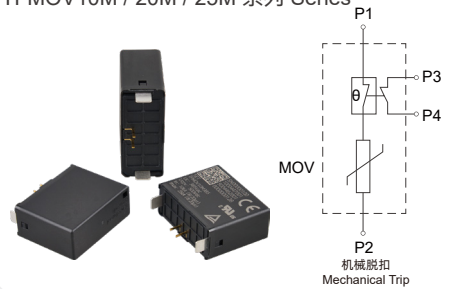
TFMOV20S / 25S / 34S 系列 Series



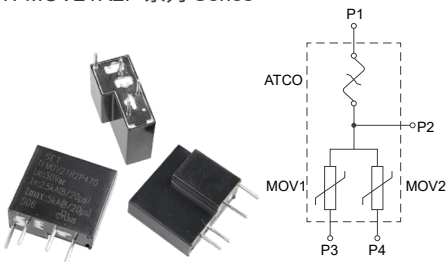
TFMOV20S / 25S / 34SL 系列 Series



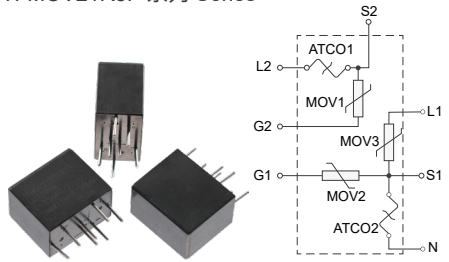
TFMOV10M / 20M / 25M 系列 Series



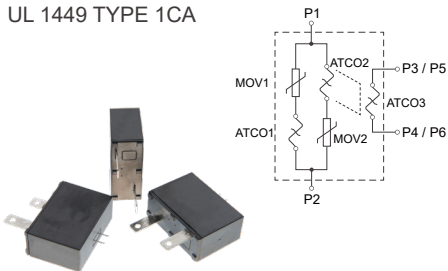
TFMOV21R2P 系列 Series



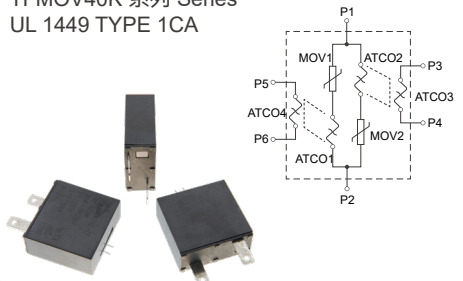
TFMOV21R3P 系列 Series



TFMOV20K 系列 Series
UL 1449 TYPE 1CA



TFMOV40K 系列 Series
UL 1449 TYPE 1CA



技术参数 Parameters

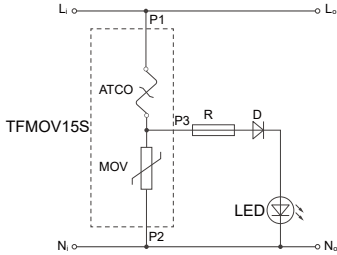
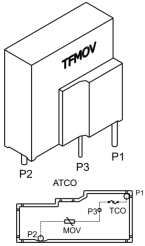
系列 Series	压敏电压 Varistor Voltage @1 mA DC	最大连续工作电压 Max. Continuous Operating Voltage		标称放电电流 Nominal Discharge Current (8/20 μ s)	最大放电电流 Max. Discharge Current (8/20 μ s)	安规认证 Agency Approval
	V_{Vs} (V)	VAC	VDC	I_n (kA)	I_{max} (kA)	
TFMOV10S	24 ~ 902	17 ~ 510	22 ~ 670	1 ~ 3	2 ~ 6	TUV, UL, CQC
TFMOV15S	24 ~ 902	17 ~ 510	22 ~ 670	1.5 ~ 5	3 ~ 10	TUV, UL, CQC
TFMOV20S	24 ~ 1320	17 ~ 750	22 ~ 1000	1.5 ~ 7.5	3 ~ 15	TUV, UL
TFMOV20SxxxL	42 ~ 748	30 ~ 420	38 ~ 560	2.5 ~ 7.5	5 ~ 15	UL
TFMOV25S	24 ~ 1320	17 ~ 750	22 ~ 1000	3 ~ 10	6 ~ 25	TUV, UL, CQC
TFMOV25SxxxL	42 ~ 748	30 ~ 420	38 ~ 560	4 ~ 10	8 ~ 25	UL
TFMOV34S	42 ~ 1320	30 ~ 750	38 ~ 1000	10 ~ 20	20 ~ 40	TUV, UL
TFMOV34SxxxL	42 ~ 748	30 ~ 420	38 ~ 560	10 ~ 20	20 ~ 40	UL
TFMOV21R2P	42 ~ 561	30 ~ 320	38 ~ 415	2.5×2 ~ 7.5×2	5×2 ~ 15×2	UL, CQC
TFMOV21R3P	42 ~ 561	30 ~ 320	38 ~ 415	2.5×3 ~ 7.5×3	5×3 ~ 15×3	UL, CQC
TFMOV25D	24 ~ 1320	17 ~ 750	22 ~ 1000	1.5 ~ 10	3 ~ 20	TUV, UL
TFMOV20K	74 ~ 1320	50 ~ 750	65 ~ 1000	15 ~ 20	30 ~ 50	UL
TFMOV40K	74 ~ 1320	50 ~ 750	65 ~ 1000	30 ~ 40	60 ~ 100	UL
TFMOV10M	82 ~ 1100	50 ~ 680	500 ~ 880	10	25	TUV, UL, CE
TFMOV20M	82 ~ 1200	50 ~ 750	500 ~ 1000	20	40	TUV, CE
TFMOV25M	277 ~ 480	385 ~ 680	5050 ~ 900	20	40	TUV, UL, CE

应用 Application

- 通信
 - 光伏发电系统(PV)
 - 低压配电系统
 - 数据中心(IDC)
 - LED照明
 - 工业控制系统
 - 民用建筑
-
- Telecom Equipment
 - Photovoltaic System
 - Low-voltage Distribution System
 - Internet Data Center
 - Lighting
 - Industrial Control System
 - Civil Architecture



TFMOV10/15S

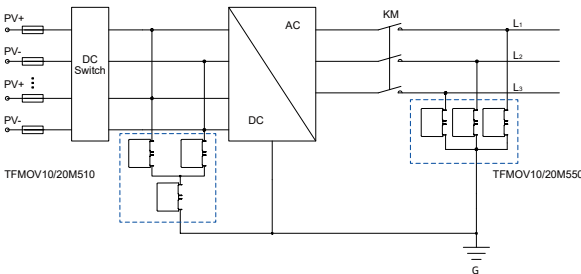


电源分配单元PDU
Power Distribution Unit



开关电源
Switch Power Supply

TFMOV10/20M



组串式逆变器
String Inverter

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www.SETfuse.com

20+

OVER 20 YEARS OF DESIGNING, MANUFACTURING
AND SELLING OF CIRCUIT PROTECTION COMPONENTS
超过20年的设计、制造、销售电路保护元器件

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