



VZCA2. E322662

Surge-protective Devices – Component

[Page Bottom](#)

Surge-protective Devices - Component[See General Information for Surge-protective Devices – Component](#)**XIAMEN SET ELECTRONICS CO LTD**

E322662

8067 XIANG' AN XI RD XIAMEN TORCH

HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE

XIANG' AN INDUSTRY DIST

XIAMEN, FUJIAN 361101 CHINA

Effective until March 11, 2016**Surge protective devices, Varistor with integral thermal-links, Cat.**

Nos. TMOV20S470, TMOV20S560, TMOV20S680, TMOV20S470-IT, TMOV20S560-IT, TMOV20S680-IT, TFMOV20S470, TFMOV20S560, TFMOV20S680, TFMOV20S470-IT, TFMOV20S560-IT, TFMOV20S680-IT, followed by K, for other (appliances, ITE, etc.) than SPD applications.

Cat.

Nos. TMOV20S820, TMOV20S101, TMOV20S121, TMOV20S151, TMOV20S181, TMOV20S201, TMOV20S221, TMOV20S241, TMOV20S271, TMOV20S301, TMOV20S431, TMOV20S471, TMOV20S511, TMOV20S561, TMOV20S621, TMOV20S681, TMOV25S470, TMOV25S560, TMOV25S680, TMOV25S820, TMOV25S101, TMOV25S121, TMOV25S151, TMOV25S181, TMOV25S201, TMOV25S221, TMOV25S241, TMOV25S271, TMOV25S301, TMOV25S431, TMOV25S471, TMOV25S511, TMOV25S561, TMOV25S621, TMOV25S681, TMOV34S470, TMOV34S560, TMOV34S680, TMOV34S820, TMOV34S101, TMOV34S121, TMOV34S151, TMOV34S181, TMOV34S201, TMOV34S221, TMOV34S241, TMOV34S271, TMOV34S301, TMOV34S431, TMOV34S471, TMOV34S511, TMOV34S561, TMOV34S621, TMOV34S681, TFMOV20S820, TFMOV20S101, TFMOV20S121, TFMOV20S151, TFMOV20S181, TFMOV20S201, TFMOV20S221, TFMOV20S241, TFMOV20S271, TFMOV20S301, TFMOV20S431, TFMOV20S471, TFMOV20S511, TFMOV20S561, TFMOV20S621, TFMOV20S681, TFMOV25S470, TFMOV25S560, TFMOV25S680, TFMOV25S820, TFMOV25S101, TFMOV25S121, TFMOV25S151, TFMOV25S181, TFMOV25S201, TFMOV25S221, TFMOV25S241, TFMOV25S271, TFMOV25S301, TFMOV25S431, TFMOV25S471, TFMOV25S511, TFMOV25S561, TFMOV25S621, TFMOV25S681, TFMOV34S470, TFMOV34S560, TFMOV34S680, TFMOV34S820, TFMOV34S101, TFMOV34S121, TFMOV34S151, TFMOV34S181, TFMOV34S201, TFMOV34S221, TFMOV34S241, TFMOV34S271, TFMOV34S301, TFMOV34S431, TFMOV34S471, TFMOV34S511, TFMOV34S561, TFMOV34S621, TFMOV34S681, followed by K, for SPD Type 2 applications.

Cat.

Nos. TMOV21R2P470, TMOV21R2P560, TMOV21R2P680, TMOV21R2P820, TMOV21R2P101, TMOV21R2P121, TMOV21R2P151, TMOV21R2P181, TMOV21R2P201, TMOV21R2P221, TMOV21R2P241, TMOV21R2P271, TFMOV21R2P470, TFMOV21R2P560, TFMOV21R2P680, TFMOV21R2P820, TFMOV21R2P101, TFMOV21R2P121, TFMOV21R2P151, TFMOV21R2P181, TFMOV21R2P201, TFMOV21R2P221, TFMOV21R2P241, TFMOV21R2P271, followed by K, for SPD Type 3 applications.

Cat.

Nos. TMOV20S820-IT, TMOV20S101-IT, TMOV20S121-IT, TMOV20S151-IT, TMOV20S181-IT, TMOV20S201-IT, TMOV20S221-IT, TMOV20S241-IT, TMOV20S271-IT, TMOV20S301-IT, TMOV20S431-IT, TMOV20S471-IT, TMOV20S511-IT, TMOV20S561-IT, TMOV20S621-IT, TMOV20S681-IT; TMOV25S470-IT, TMOV25S560-IT, TMOV25S680-IT, TMOV25S820-IT, TMOV25S101-IT, TMOV25S121-IT, TMOV25S151-IT, TMOV25S181-IT, TMOV25S201-IT, TMOV25S221-IT, TMOV25S241-IT, TMOV25S271-IT, TMOV25S301-IT, TMOV25S431-IT, TMOV25S471-IT, TMOV25S511-IT, TMOV25S561-IT, TMOV25S621-IT, TMOV25S681-IT; TMOV34S470-IT, TMOV34S560-IT, TMOV34S680-IT, TMOV34S820-IT, TMOV34S101-IT, TMOV34S121-IT, TMOV34S151-IT, TMOV34S181-IT, TMOV34S201-IT, TMOV34S221-IT, TMOV34S241-IT, TMOV34S271-IT, TMOV34S301-IT, TMOV34S431-IT, TMOV34S471-IT, TMOV34S511-IT, TMOV34S561-IT, TMOV34S621-IT, TMOV34S681-IT, TFMOV20S820-IT, TFMOV20S101-IT, TFMOV20S121-IT, TFMOV20S151-IT, TFMOV20S181-IT, TFMOV20S201-IT, TFMOV20S221-IT, TFMOV20S241-IT, TFMOV20S271-IT, TFMOV20S301-IT, TFMOV20S431-IT, TFMOV20S471-IT, TFMOV20S511-IT, TFMOV20S561-IT, TFMOV20S621-IT, TFMOV20S681-IT, TFMOV25S470-IT, TFMOV25S560-IT, TFMOV25S680-IT, TFMOV25S820-IT, TFMOV25S101-IT, TFMOV25S121-IT, TFMOV25S151-IT, TFMOV25S181-IT, TFMOV25S201-IT, TFMOV25S221-IT, TFMOV25S241-IT, TFMOV25S271-IT, TFMOV25S301-IT, TFMOV25S431-IT, TFMOV25S471-IT, TFMOV25S511-IT, TFMOV25S561-IT, TFMOV25S621-IT, TFMOV25S681-IT, TFMOV34S470-IT, TFMOV34S560-IT, TFMOV34S680-IT, TFMOV34S820-IT, TFMOV34S101-IT, TFMOV34S121-IT, TFMOV34S151-IT, TFMOV34S181-IT, TFMOV34S201-IT, TFMOV34S221-IT, TFMOV34S241-IT, TFMOV34S271-IT, TFMOV34S301-IT, TFMOV34S431-IT, TFMOV34S471-IT, TFMOV34S511-IT, TFMOV34S561-IT, TFMOV34S621-IT, TFMOV34S681-IT, followed by K, for SPD Type 2 applications.

Cat.

Nos. TMOV8S470, TMOV8S560, TMOV8S680, TMOV8S820, TMOV8S101, TMOV8S121, TMOV8S151, TMOV8S181, TMOV8S201, TMOV8S221, TMOV8S241, TMOV8S271, TMOV8S301, TMOV8S431, TMOV8S471, TMOV8S511, TMOV8S561, TMOV8S621, TMOV8S681, TMOV10S470, TMOV10S560, TMOV10S680, TMOV10S820, TMOV10S101, TMOV10S121, TMOV10S151, TMOV10S181, TMOV10S201, TMOV10S221, TMOV10S241, TMOV10S271, TMOV10S301, TMOV10S431, TMOV10S471, TMOV10S511, TMOV10S561, TMOV10S621, TMOV10S681, TMOV15S470, TMOV15S560, TMOV15S680, TMOV25D470, TMOV25D560, TMOV25D680, TMOV25D470-IT, TMOV25D560-IT, TMOV25D680-IT, TFMOV8S470, TFMOV8S560, TFMOV8S680, TFMOV8S820, TFMOV8S101, TFMOV8S121, TFMOV8S151, TFMOV8S181, TFMOV8S201, TFMOV8S221, TFMOV8S241, TFMOV8S271, TFMOV8S301, TFMOV8S431, TFMOV8S471, TFMOV8S511, TFMOV8S561, TFMOV8S621, TFMOV8S681, TFMOV10S470, TFMOV10S560, TFMOV10S680, TFMOV10S820, TFMOV10S101, TFMOV10S121, TFMOV10S151, TFMOV10S181, TFMOV10S201, TFMOV10S221, TFMOV10S241, TFMOV10S271, TFMOV10S301, TFMOV10S431, TFMOV10S471, TFMOV10S511, TFMOV10S561, TFMOV10S621, TFMOV10S681, TFMOV15S470, TFMOV15S560, TFMOV15S680, TFMOV25D470, TFMOV25D560, TFMOV25D680, TFMOV25D470-IT, TFMOV25D560-IT, TFMOV25D680-IT, followed by K, for other (appliances, ITE, etc.) than SPD applications.

Cat.

Nos. TMOV15S820, TMOV15S101, TMOV15S121, TMOV15S151, TMOV15S181, TMOV15S201, TMOV15S221, TMOV15S241, TMOV15S271, TMOV15S301, TMOV15S431, TMOV15S471, TMOV15S511, TMOV15S561, TMOV15S621, TMOV15S681, TMOV25D820, TMOV25D101, TMOV25D121, TMOV25D151, TMOV25D181, TMOV25D201, TMOV25D221, TMOV25D241, TMOV25D271, TMOV25D301, TMOV25D431, TMOV25D471, TMOV25D511, TMOV25D561, TMOV25D621, TMOV25D681, TFMOV15S820, TFMOV15S101, TFMOV15S121, TFMOV15S151, TFMOV15S181, TFMOV15S201, TFMOV15S221, TFMOV15S241, TFMOV15S271, TFMOV15S301, TFMOV15S431, TFMOV15S471, TFMOV15S511, TFMOV15S561, TFMOV15S621, TFMOV15S681, TFMOV25D820, TFMOV25D101, TFMOV25D121, TFMOV25D151, TFMOV25D181, TFMOV25D201, TFMOV25D221

, TFM0V25D241, TFM0V25D271, TFM0V25D301, TFM0V25D431, TFM0V25D471, TFM0V25D511, TFM0V25D561, TFM0V25D621, TFM0V25D681, followed by K, for SPD Type 2 applications.

Cat.

Nos. TMOV25D820-IT, TMOV25D101-IT, TMOV25D121-IT, TMOV25D151-IT, TMOV25D181-IT, TMOV25D201-IT, TMOV25D221-IT, TMOV25D241-IT, TMOV25D271-IT, TMOV25D301-IT, TMOV25D431-IT, TMOV25D471-IT, TMOV25D511-IT, TMOV25D561-IT, TMOV25D621-IT, TMOV25D681-IT, TFM0V25D820-IT, TFM0V25D101-IT, TFM0V25D121-IT, TFM0V25D151-IT, TFM0V25D181-IT, TFM0V25D201-IT, TFM0V25D221-IT, TFM0V25D241-IT, TFM0V25D271-IT, TFM0V25D301-IT, TFM0V25D431-IT, TFM0V25D471-IT, TFM0V25D511-IT, TFM0V25D561-IT, TFM0V25D621-IT, TFM0V25D681-IT, followed by K, for SPD Type 2 applications.

Effective May 3, 2010

Surge protective devices, Varistor with integral thermal-links, Type 4 Component Assemblies, nominal discharge current (In) rating 3 kA, Cat.

Nos. TMOV21R2P470-P, TMOV21R2P560-P, TMOV21R2P680-P, TMOV21R2P820-P, TMOV21R2P101-P, TMOV21R2P121-P, TMOV21R2P151-P, TMOV21R2P181-P, TMOV21R2P201-P, TMOV21R2P221-P, TMOV21R2P241-P, TMOV21R2P271-P, TMOV21R2P470-P, TFM0V21R2P560-P, TFM0V21R2P680-P, TFM0V21R2P820-P, TFM0V21R2P101-P, TFM0V21R2P121-P, TFM0V21R2P151-P, TFM0V21R2P181-P, TFM0V21R2P201-P, TFM0V21R2P221-P, TFM0V21R2P241-P, TFM0V21R2P271-P, followed by K.

Surge Protective Devices, Type 5, nominal discharge current (In) rating 0.15 kA, Cat. Nos. MOV7D, SFV7D, followed by 220, 270, 330, 390, 470, 560, 680, followed by K.

Surge Protective Devices, Type 5, nominal discharge current (In) rating 0.25 kA, Cat. Nos. MOV7D, SFV7D, followed by 820, 101, 121, 151, followed by K.

Cat. Nos. MOV10D, SFV10D, followed by 220, 270, 330, 390, 470, 560, 680, followed by K.

Surge Protective Devices, Type 5, nominal discharge current (In) rating 0.5 kA, Cat. Nos. MOV7D, SFV7D, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 951, 102, 112, 122, followed by K.

Cat Nos. MOV10D, SFV10D, followed by 820, 101, 121, 151, followed by K.

Surge Protective Devices, Type 5, nominal discharge current (In) rating 1 kA, Cat Nos. MOV10D, SFV10D, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 951, 102, 112, 122, followed by K.

Cat. Nos. MOV14D, SFV14D, followed by 220, 270, 330, 390, 470, 560, 680, followed by K.

Surge Protective Devices, Type 5, nominal discharge current (In) rating 1.5 kA, Cat. Nos. MOV14D, SFV14D, followed by 820, 101, 121, 151, followed by K.

Cat. Nos. MOV20D, SFV20D, followed by 220, 270, 330, 390, 470, 560, 680, followed by K.

Surge Protective Devices, Type 5, nominal discharge current (In) rating 3 kA, Cat. Nos. MOV14D, SFV14D, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 951, 102, 112, 122, followed by K.

Surge Protective Devices, Type 5, nominal discharge current (I_n) rating 2.5 kA, Cat. Nos. MOV20D, SFV20D, followed by 820, 101, 121, 151, followed by K.

Surge Protective Devices, Type 5, nominal discharge current (I_n) rating 5 kA, Cat. Nos. MOV20D, SFV20D, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 951, 102, 112, 122, followed by K.

Surge-protective devices, Type 3 component assembly, nominal discharge current (I_n) rating 5 kA, Cat. Nos. TMOV21R3P201, TFMOV21R3P201 may be followed by -F, may be followed by H.

Surge protective devices, Type 5, nominal discharge current (I_n) rating 0.25 kA, Cat. No. (*)8S followed by 220K, 270K, 330K, 390K, 470K, 560K, 680K.

Surge protective devices, Type 5, nominal discharge current (I_n) rating 0.5 kA, Cat. No. (*)8S followed by 820K, 101K, 121K, 151K.

Surge protective devices, Type 5, nominal discharge current (I_n) rating 1 kA, Cat. No. (*)8S followed by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K; *10S followed by 220K, 270K, 330K, 390K, 470K, 560K, 680K.

Surge protective devices, Type 5, nominal discharge current (I_n) rating 1.5 kA, Cat. No. (*)10S followed by 820K, 101K, 121K, 151K; *15S followed by 220K, 270K, 330K, 390K, 470K, 560K, 680K; *25D followed by 220K, 270K, 330K, 390K.

Surge protective devices, Type 5, nominal discharge current (I_n) rating 2.5 kA, Cat. No. (*)15S followed by 820K, 101K, 121K, 151K.

Surge protective devices, Type 5, nominal discharge current (I_n) rating 3 kA, Cat. Nos. (*)10S followed by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K; (*)22S followed by 220K, 270K, 330K, 390K, 470K, 560K, 680K; (*)25D followed by 470K, 560K, 680K.

Surge protective devices, Type 5, nominal discharge current (I_n) rating 5 kA, Cat. No. (*)15S followed by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K; (*)22S followed by 820K, 101K, 121K, 151K; (*)25D followed by 820K, 101K, 121K, 151K.

Surge protective devices, Type 5, nominal discharge current (I_n) rating 10 kA, Cat. Nos. (*)22S, (*)25D followed by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K; (*)34S followed by 470K, 560K, 680K, 820K, 101K, 121K, 151K.

Surge protective devices, Type 5, nominal discharge current (I_n) rating 20 kA, Cat. No. (*)34S followed by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K.

Surge-protective devices, Type 4 component assembly, nominal discharge current (I_n) rating 0.25 kA, Cat. Nos. TMOV8S, TFMOV8S, followed by 220, 270, 330, 390, 470, 560, 680.

Surge-protective devices, Type 4 component assembly, nominal discharge current (I_n) rating 0.5 kA, Cat. Nos. TMOV8S, TFMOV8S, followed by 820, 101, 121, 151.

Surge-protective devices, Type 4 component assembly, nominal discharge current (I_n) rating 1 kA, Cat.
Nos.TMOV8S, TFMOV8S, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681; TMOV10S,TFMOV10S, followed by 220, 270, 330, 390, 470, 560, 680.

Surge-protective devices, Type 4 component assembly, nominal discharge current (I_n) rating 1.5 kA, Cat.
Nos.TMOV10S, TFMOV10S, followed by 820, 101, 121, 151; TMOV15S, TFMOV15S, followed by 220, 270, 330, 390, 470, 560, 680; (*)25D followed by 220, 270, 330, 390 may be followed by -IT.

Surge-protective devices, Type 4 component assembly, nominal discharge current (I_n) rating 2.5 kA, Cat.
No.TMOV15S, TFMOV15S, followed by 820, 101, 121, 151.


Surge-protective devices, Type 4 component assembly, nominal discharge current (I_n) rating 3 kA, Cat.
Nos.TMOV10S, TFMOV10S, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681;TMOV20S, TMOV25S, TFMOV20S, TFMOV25S, followed by 220, 270, 330, 390, 470, 560, 680, may be followed by -IT;TMOV25D, TFMOV25D, followed by 470, 560, 680, may be followed by -IT; TMOV21R2P, TFMOV21R2P, followed by 470, 560, 680, may be followed by -P.

Surge-protective devices, Type 4 component assembly, nominal discharge current (I_n) rating 5 kA, Cat.
Nos.TMOV15S, TFMOV15S, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 951, 102, 112, 122; TMOV20S, TMOV25S, TFMOV20S, TFMOV25S, followed by 820, 101, 121, 151, may be followed by -IT; TMOV25D, TFMOV25D, followed by 820, 101, 121, 151, may be followed by -IT; TMOV21R2P,TFMOV21R2P, followed by 820, 101, 121, 151, may be followed by -P.

Surge-protective devices, Type 4 component assembly, nominal discharge current (I_n) rating 10 kA, Cat.
Nos. TMOV,TFMOV, followed by 20S, 25S, 25D, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 951, 102, 112, 122, may be followed by -IT; TMOV34S, TFMOV34S, followed by 470, 560, 680, 820, 101, 121, 151, may be followed by -IT; TMOV21R2P, TFMOV21R2P, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, may be followed by -P.

Surge-protective devices, Type 4 component assembly, nominal discharge current (I_n) rating 20 kA, Cat.
Nos.TMOV34S, TFMOV34S, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 951, 102, 112, 122, may be followed by -IT.

(*) May be prefixed "YMJ".

Marking: Company name, catalog designation and the Recognized Component Mark .

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