

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E507891  
**Report Reference** E507891-2019-06-27  
**Date** 2022-October-31

**Issued to:** Fujian Qiaoguang Electronic Technology Co Ltd  
Dengbang Industrial and Trade New Area Dayang Road  
Xiyuan Town  
Zhangping Fujian 361000 CN

**This is to certify that representative samples of** SURGE-PROTECTIVE DEVICES - COMPONENT  
See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:** UL 1449, Surge Protective Devices

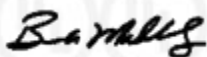
CSA C22.2 No. 269.5-17, Surge protective devices - Type 5 – Components

**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Component - Surge Protective Devices, Type 5, Varistors, Cat No.

FTR07D, followed by 151, 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821 followed by K.

FTR07D, followed by 151, 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821 followed by K, followed by J.

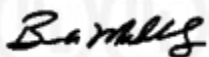
FTR07D, followed by 151, 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821 followed by K, followed by Z.

FTR10D, followed by 151, 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 102, 112 followed by K.

FTR10D, followed by 151, 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 102, 112 followed by K, followed by J.

FTR10D, followed by 151, 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 102, 112 followed by K, followed by Z.

FTR14D, followed by 151, 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 102, 112, 122 followed by K.



Bruce Mahrenholz, Director North American Certification Program

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FTR14D, followed by 151, 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 102, 112, 122 followed by K, followed by Z.

FTR20D, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 102, 112, 122 followed by K.

Component - Surge Protective Devices, Type 5, Varistors, Cat No.

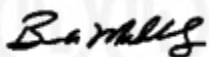
FTR20D, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 102, 112, 122 followed by K, followed by J.

FTR20D, followed by 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 102, 112, 122 followed by K, followed by Z.

FTR07D followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121 followed by K.

FTR07D followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121 followed by K, followed by J.

FTR07D followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121 followed by K, followed by Z.



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FTR14D followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121 followed by K.

FTR14D followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121 followed by K, followed by J.

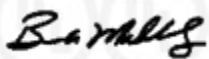
FTR14D followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121 followed by K, followed by Z.

FTR20D followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121, 151 followed by K.

FTR20D followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121, 151 followed by K, followed by J.

FTR20D followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121, 151 followed by K, followed by Z.

Component - Surge Protective Devices, Type 5, GDT, Cat No. FTR1812-600, FTR1812-800, FTR1812-1000.



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