

Certificate of Compliance

Certificate Number:

E507891

Report Reference:

E507891-2019-06-27

Issue Date:

2025-04-07

Issued to:

**Fujian Qiaoguang Electronic Technology Co Ltd
No.21, Dayang Road, Xiyuan Town
Zhangping Fujian 364400 China**

This certificate confirms 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.

**UL 1449-Surge Protective Devices
CSA C22.2 No. 269.5-17-Surge protective devices — Type 5 —
Components**

Additional Information:

See UL Product iQ® 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.



David Piecuch
UL Mark Certification Program Owner



CERTIFICATE OF COMPLIANCE

Certificate number E507891
Report reference E507891-2019-06-27
Date 2025-04-07

| Look for the UL Recognized Component Mark on the product.



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number E507891
Report reference E507891-2019-06-27
Date 2025-04-07

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

Cat No

FTR07D151K, FTR07D181K, FTR07D201K, FTR07D221K, FTR07D241K, FTR07D271K, FTR07D301K, FTR07D331K, FTR07D361K, FTR07D391K, FTR07D431K, FTR07D471K, FTR07D511K, FTR07D561K, FTR07D621K, FTR07D681K, FTR07D751K, FTR07D781K, FTR07D821K, FTR07D151KJ, FTR07D181KJ, FTR07D201KJ, FTR07D221KJ, FTR07D241KJ, FTR07D271KJ, FTR07D301KJ, FTR07D331KJ, FTR07D361KJ, FTR07D391KJ, FTR07D431KJ, FTR07D471KJ, FTR07D511KJ, FTR07D561KJ, FTR07D621KJ, FTR07D681KJ, FTR07D751KJ, FTR07D781KJ, FTR07D821KJ, FTR07D151KZ, FTR07D181KZ, FTR07D201KZ, FTR07D221KZ, FTR07D241KZ, FTR07D271KZ, FTR07D301KZ, FTR07D331KZ, FTR07D361KZ, FTR07D391KZ, FTR07D431KZ, FTR07D471KZ, FTR07D511KZ, FTR07D561KZ, FTR07D621KZ, FTR07D681KZ, FTR07D751KZ, FTR07D781KZ, FTR07D821KZ, FTR10D151K, FTR10D181K, FTR10D201K, FTR10D221K, FTR10D241K, FTR10D271K, FTR10D301K, FTR10D331K, FTR10D361K, FTR10D391K, FTR10D431K, FTR10D471K, FTR10D511K, FTR10D561K, FTR10D621K, FTR10D681K, FTR10D751K, FTR10D781K, FTR10D821K, FTR10D911K, FTR10D102K, FTR10D112K, FTR10D151KJ, FTR10D181KJ, FTR10D201KJ, FTR10D221KJ, FTR10D241KJ, FTR10D271KJ, FTR10D301KJ, FTR10D331KJ, FTR10D361KJ, FTR10D391KJ, FTR10D431KJ, FTR10D471KJ, FTR10D511KJ, FTR10D561KJ, FTR10D621KJ, FTR10D681KJ, FTR10D751KJ, FTR10D781KJ, FTR10D821KJ, FTR10D911KJ, FTR10D102KJ, FTR10D112KJ, FTR10D151KZ, FTR10D181KZ, FTR10D201KZ, FTR10D221KZ, FTR10D241KZ, FTR10D271KZ, FTR10D301KZ, FTR10D331KZ, FTR10D361KZ, FTR10D391KZ, FTR10D431KZ, FTR10D471KZ, FTR10D511KZ, FTR10D561KZ, FTR10D621KZ, FTR10D681KZ, FTR10D751KZ, FTR10D781KZ, FTR10D821KZ, FTR10D911KZ, FTR10D102KZ, FTR10D112KZ, FTR14D151K, FTR14D181K, FTR14D201K, FTR14D221K, FTR14D241K, FTR14D271K, FTR14D301K, FTR14D331K, FTR14D361K, FTR14D391K, FTR14D431K, FTR14D471K, FTR14D511K, FTR14D561K, FTR14D621K, FTR14D681K, FTR14D751K, FTR14D781K, FTR14D821K, FTR14D911K, FTR14D102K, FTR14D112K, FTR14D122K, FTR14D151KJ, FTR14D181KJ, FTR14D201KJ, FTR14D221KJ, FTR14D241KJ, FTR14D271KJ, FTR14D301KJ, FTR14D331KJ, FTR14D361KJ, FTR14D391KJ, FTR14D431KJ, FTR14D471KJ, FTR14D511KJ, FTR14D561KJ, FTR14D621KJ, FTR14D681KJ, FTR14D751KJ, FTR14D781KJ, FTR14D821KJ, FTR14D911KJ, FTR14D102KJ, FTR14D112KJ, FTR14D122KJ, FTR14D151KZ, FTR14D181KZ, FTR14D201KZ, FTR14D221KZ, FTR14D241KZ, FTR14D271KZ, FTR14D301KZ, FTR14D331KZ, FTR14D361KZ, FTR14D391KZ, FTR14D431KZ, FTR14D471KZ, FTR14D511KZ, FTR14D561KZ, FTR14D621KZ, FTR14D681KZ, FTR14D751KZ, FTR14D781KZ, FTR14D821KZ, FTR14D911KZ, FTR14D102KZ, FTR14D112KZ, FTR14D122KZ,

Cat. Nos. FTR14A, followed by 151, 181, 201, 221, 241, 271, 301, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 102, 112 or 122, followed by K#A#.

FTR14D151K#A#, FTR14D181K#A#, FTR14D201K#A#, FTR14D221K#A#, FTR14D241K#A#, FTR14D271K#A#, FTR14D301K#A#, FTR14D331K#A#, FTR14D361K#A#, FTR14D391K#A#, FTR14D431K#A#, FTR14D471K#A#, FTR14D511K#A#, FTR14D561K#A#, FTR14D621K#A#, FTR14D681K#A#, FTR14D751K#A#, FTR14D781K#A#, FTR14D821K#A#, FTR14D911K#A#, FTR14D102K#A#, FTR14D112K#A#, FTR14D122K#A#,



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number E507891
Report reference E507891-2019-06-27
Date 2025-04-07

Note: “#” - Expand the code for different customers, from A to Z or 0 to 9 or “-” separator or blank multi-character combinations.

FTR20D181K, FTR20D201K, FTR20D221K, FTR20D241K, FTR20D271K, FTR20D301K, FTR20D331K, FTR20D361K, FTR20D391K, FTR20D431K, FTR20D471K, FTR20D511K, FTR20D561K, FTR20D621K, FTR20D681K, FTR20D751K, FTR20D781K, FTR20D821K, FTR20D911K, FTR20D102K, FTR20D112K, FTR20D122K, FTR20D181KJ, FTR20D201KJ, FTR20D221KJ, FTR20D241KJ, FTR20D271KJ, FTR20D301KJ, FTR20D331KJ, FTR20D361KJ, FTR20D391KJ, FTR20D431KJ, FTR20D471KJ, FTR20D511KJ, FTR20D561KJ, FTR20D621KJ, FTR20D681KJ, FTR20D751KJ, FTR20D781KJ, FTR20D821KJ, FTR20D911KJ, FTR20D102KJ, FTR20D112KJ, FTR20D122KJ, FTR20D181KZ, FTR20D201KZ, FTR20D221KZ, FTR20D241KZ, FTR20D271KZ, FTR20D301KZ, FTR20D331KZ, FTR20D361KZ, FTR20D391KZ, FTR20D431KZ, FTR20D471KZ, FTR20D511KZ, FTR20D561KZ, FTR20D621KZ, FTR20D681KZ, FTR20D751KZ, FTR20D781KZ, FTR20D821KZ, FTR20D911KZ, FTR20D102KZ, FTR20D112KZ, FTR20D122KZ,

Cat. No. FTR07D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101 or 121, followed by K.

FTR07D180K, FTR07D220K, FTR07D270K, FTR07D330K, FTR07D390K, FTR07D470K, FTR07D560K, FTR07D680K, FTR07D820K, FTR07D101K, FTR07D121K,

Cat. No. FTR07D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101 or 121, followed by K, followed by J.

FTR07D180KJ, FTR07D220KJ, FTR07D270KJ, FTR07D330KJ, FTR07D390KJ, FTR07D470KJ, FTR07D560KJ, FTR07D680KJ, FTR07D820KJ, FTR07D101KJ, FTR07D121KJ,

Cat. No. FTR07D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101 or 121, followed by K, followed by Z., FTR07D180KZ, FTR07D220KZ, FTR07D270KZ, FTR07D330KZ, FTR07D390KZ, FTR07D470KZ, FTR07D560KZ, FTR07D680KZ, FTR07D820KZ, FTR07D101KZ, FTR07D121KZ,

Cat. No. FTR10D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101 or 121, followed by K.

FTR10D180K, FTR10D220K, FTR10D270K, FTR10D330K, FTR10D390K, FTR10D470K, FTR10D560K, FTR10D680K, FTR10D820K, FTR10D101K, FTR10D121K,

Cat. No. FTR10D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101 or 121, followed by K, followed by J.

FTR10D180KJ, FTR10D220KJ, FTR10D270KJ, FTR10D330KJ, FTR10D390KJ, FTR10D470KJ, FTR10D560KJ, FTR10D680KJ, FTR10D820KJ, FTR10D101KJ, FTR10D121KJ,

Cat. No. FTR10D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101 or 121, followed by K, followed by Z.



David Piecuch
UL Mark Certification Program Manager

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.



CERTIFICATE OF COMPLIANCE

Certificate number E507891
Report reference E507891-2019-06-27
Date 2025-04-07

FTR10D180KZ, FTR10D220KZ, FTR10D270KZ, FTR10D330KZ, FTR10D390KZ, FTR10D470KZ, FTR10D560KZ, FTR10D680KZ, FTR10D820KZ, FTR10D101KZ, FTR10D121KZ,

Cat. No. FTR14D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101 or 121, followed by K.

FTR14D180K, FTR14D220K, FTR14D270K, FTR14D330K, FTR14D390K, FTR14D470K, FTR14D560K, FTR14D680K, FTR14D820K, FTR14D101K, FTR14D121K,

Cat. No. FTR14D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101 or 121, followed by K, followed by J.

FTR14D180KJ, FTR14D220KJ, FTR14D270KJ, FTR14D330KJ, FTR14D390KJ, FTR14D470KJ, FTR14D560KJ, FTR14D680KJ, FTR14D820KJ, FTR14D101KJ, FTR14D121KJ

Cat. No. FTR14D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101 or 121, followed by K, followed by Z.

FTR14D180KZ, FTR14D220KZ, FTR14D270KZ, FTR14D330KZ, FTR14D390KZ, FTR14D470KZ, FTR14D560KZ, FTR14D680KZ, FTR14D820KZ, FTR14D101KZ, FTR14D121KZ,

Cat. No. FTR20D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121 or 151, followed by K.

FTR20D180K, FTR20D220K, FTR20D270K, FTR20D330K, FTR20D390K, FTR20D470K, FTR20D560K, FTR20D680K, FTR20D820K, FTR20D101K, FTR20D121K, FTR20D151K

Cat. No. FTR20D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121 or 151, followed by K, followed by J.

FTR20D180KJ, FTR20D220KJ, FTR20D270KJ, FTR20D330KJ, FTR20D390KJ, FTR20D470KJ, FTR20D560KJ, FTR20D680KJ, FTR20D820KJ, FTR20D101KJ, FTR20D121KJ, FTR20D151KJ,

Cat. No. FTR20D, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121 or 151, followed by K, followed by Z.,

FTR20D180KZ, FTR20D220KZ, FTR20D270KZ, FTR20D330KZ, FTR20D390KZ, FTR20D470KZ, FTR20D560KZ, FTR20D680KZ, FTR20D820KZ, FTR20D101KZ, FTR20D121KZ, FTR20D151KZ,

Cat. Nos. FTR14D, followed by 471, 511, 561, 621 or 681, followed by K#FB#,

FTR14D471K#FB#, FTR14D511K#FB#, FTR14D561K#FB#, FTR14D621K#FB#, FTR14D681K#FB#,



David Piecuch
UL Mark Certification Program Manager

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.



CERTIFICATE OF COMPLIANCE

Certificate number E507891
Report reference E507891-2019-06-27
Date 2025-04-07

Note: “#” - Expand the code for different customers, from A to Z or 0 to 9 or “-” separator or blank multi-character combinations.,



David Piecuch
UL Mark Certification Program Manager

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

