

Certificate of Compliance

Certificate Number:

E321126

Report Reference:

E321126-2016-03-24

Issue Date:

2025-02-25

Issued to:

**TDK (Zhuhai FTZ) Co., Ltd.
No. 4 Lianfeng Road, Xiangzhou District
Zhuhai Guangdong 519030 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.

Look for the UL Recognized Component Mark on the product.



David Piecuch
UL Mark Certification Program Owner



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CERTIFICATE OF COMPLIANCE

Certificate number E321126
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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.

Series SIOV- or blank, + Models:

S, SFS, SNF or blank, followed by 05, followed by J, K or S, followed by 11, 14, 17, 20, 25, 30, 35, 40, 50, 60, 75, 95, 115, 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 440, 460 or 575;

S, SFS, SNF or blank, followed by 05, followed by J, K or S, followed by V, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121, 151, 181, 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 721, 751 or 931

S, SFS, SNF or blank, followed by 07, followed by J, K or S, followed by 11, 14, 17, 20, 25, 30, 35, 40, 50, 60, 75, 95, 115, 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 440, 460, 510, 550 or 625;

S, SFS, SNF or blank, followed by 07, followed by J, K or S, followed by V, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121, 151, 181, 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 721, 751, 821, 911 or 102.

S, SFS, SNF or blank, followed by 10, followed by J, K or S, followed by 11, 14, 17, 20, 25, 30, 35, 40, 50, 60, 75, 95, 115, 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 440, 460, 510, 550, 625, 680 or 1000;

S, SFS, SNF or blank, followed by 10, followed by J, K or S, followed by V, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121, 151, 181, 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 721, 751, 821, 911, 102, 112 or 182;

N, followed by 10, followed by J, K or S, followed by 250;

N, followed by 10, followed by J, K or S, followed by V, followed by 391.

Series SIOV- or blank, + Models:

S or blank, followed by 10, followed by J, K or S, followed by 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 440, 460, 510, 550, 625 or 680, followed by (e)(f)(g)T7;

S or blank, followed by 10, followed by J, K or S, followed by V, followed by 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 721, 751, 821, 911, 102 or 112, followed by (e)(f)(g)T7;

S, SFS, SNF or blank, followed by 10, followed by J, K or S, followed by 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 460, 510, 550, 625 or 680, followed by E2K1.

S, SFS, SNF or blank, followed by 10, followed by J, K or S, followed by V, followed by 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 821, 911, 102 or 112, followed by E2K1.

S, SFS, SNF or blank, followed by 14, followed by J, K or S, followed by 11, 14, 17, 20, 25, 30, 35, 40, 50, 60, 75, 95, 115, 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 360, 385, 420, 440, 460, 510, 550, 625, 680 or 1000;



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S, SFS, SNF or blank, followed by 14, followed by J, K or S, followed by V, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121, 151, 181, 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 581, 621, 681, 721, 751, 821, 911, 102, 112 or 182.

Series SIOV- or blank, + Models:

S or blank, followed by 14, followed by J, K or S, followed by 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 360, 385, 420, 440, 460, 510, 550, 625 or 680, followed by (e)(f)(g)T7;

S or blank, followed by 14, followed by J, K or S, followed by V, followed by 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 581, 621, 681, 721, 751, 821, 911, 102 or 112, followed by (e)(f)(g)T7;

S, SFS, SNF or blank, followed by 14, followed by J, K or S, followed by 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 460, 480, 510, 550, 625 or 680, followed by E2K1.

S, SFS, SNF or blank, followed by 14, followed by J, K or S, followed by V, followed by 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 781, 821, 911, 102 or 112, followed by E2K1.

S, SFS, SNF or blank, followed by 18, followed by J, K or S, followed by 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 385, 420, 440 or 460;

S, SFS, SNF or blank, followed by 18, followed by J, K or S, followed by V, followed by 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 621, 681, 721 or 751;

S, SFS, SNF or blank, followed by 18, followed by J, K or S, followed by 130, followed by E3;

S, SFS, SNF or blank, followed by 18, followed by J, K or S, followed by V, followed by 201, followed by E3.

S, SFS, SNF or blank, followed by 20, followed by J, K or S, followed by 11, 14, 17, 20, 25, 30, 35, 40, 50, 60, 75, 95, 115, 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 440, 460, 510, 550, 625, 680 or 1000;

S, SFS, SNF or blank, followed by 20, followed by J, K or S, followed by V, followed by 180, 220, 270, 330, 390, 470, 560, 680, 820, 101, 121, 151, 181, 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 721, 751, 821, 911, 102, 112 or 182;

S, SFS, SNF or blank, followed by 20, followed by J, K or S, followed by 115, 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 460, 510, 550, 625 or 680, followed by E3

S, SFS, SNF or blank, followed by 20, followed by J, K or S, followed by V, followed by 181, 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 821, 911, 102 or 112, followed by E3.



David Piecuch
UL Mark Certification Program Manager

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S, SFS, SNF or blank, followed by 20, followed by J, K or S, followed by 115, 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 460, 510, 550, 625 or 680, followed by E3K1

S, SFS, SNF or blank, followed by 20, followed by J, K or S, followed by V, followed by 181, 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 751, 821, 911, 102 or 112, followed by E3K1.

S or SFS, followed by 25, followed by J, K or S, followed by 115, 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 440, 460, 510, 550, 625, 680 or 750;

S or SFS, followed by 25, followed by V, followed by 181, 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 721, 751, 821, 911, 102, 112 or 122.

Cat. No. Q14, followed by J, K or S, followed by 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 440, 460, 510, 550, 580, 625 or 680;

Cat. No. Q14, followed by J, K or S, followed by V, followed by 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 721, 751, 821, 911, 961, 102 or 112.

Cat. No. Q20, followed by J, K or S, followed by 130, 140, 150, 175, 210, 230, 250, 275, 300, 320, 350, 385, 420, 440, 460, 510, 550, 580, 625 or 680;

Cat. No. Q20, followed by J, K or S, followed by V, followed by 201, 221, 241, 271, 331, 361, 391, 431, 471, 511, 561, 621, 681, 721, 751, 821, 911, 961, 102 or 112.

Cat. No. CU3225, followed by J, K or S, followed by 11, 14, 17, 20, 25, 30, 35, 40, 50, 60, 75, 95, 115, 130, 140, 150, 175, 230, 250, 275 or 300;

Cat. No. CU4032, followed by J, K or S, followed by 11, 14, 17, 20, 25, 30, 35, 40, 50, 60, 75, 95, 115, 130, 140, 150, 175, 230, 250, 275, 300, 460 or 480;

Note: All the series mentioned above followed by additional numbers and/or letters

+ All may be prefixed by SIOV

\$ = represents letters S or blank

(d) = represents letters J, K or S

(e) = May be followed by A, B or C

(f) = May be followed by E1, E2, E3, E4, E5, E6, E7, E8, E9

(g) = May be followed by any numbers and/or letters



David Piecuch
UL Mark Certification Program Manager

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