

UL TEST REPORT AND PROCEDURE

Standard: UL 60950-1, 1st Edition, 2007-10-31 (Information Technology Equipment - Safety - Part 1: General Requirements)
CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07 (Information Technology Equipment - Safety - Part 1: General Requirements)

Certification Type: Component Recognition

CCN: QQQQ2, QQQQ8 (Power Supplies for Information Technology Equipment Including Electrical Business Equipment)

Product: DC-DC Converter

Model: STx-y-zS (x=10, 15; y=12, 24, 48; z= 3.3, 5, 12, 15, 24)

ST20-y-zS (y=24, 48; z=2.5, 3.3, 5)

STx-yF-zS (x=10, 15; y=24, 48; z=3.3, 5, 12, 15, 24)

ZBx-y-zS (x=10, 15; y=24, 48; z= 3.3, 5, 12, 15, 24)

ZBx-yF-zS (x=10, 15; y=24, 48; z=3.3, 5, 12, 15, 24)

Rating: Model No. ST10-12-3.3S; ST10-12-5S; ST10-12-12S
Input Vdc/A: 9-18 / 1.2; 9-18 / 1.2; 9-18 / 1.2
Output Vdc/mA: 3.3 / 2000; 5 / 2000; 12 / 830

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Model No. ST10-12-15S; ST10-12-24S
Input Vdc/A : 9-18 / 1.2 ; 9-18 / 1.2
Output Vdc/mA: 15 / 670; 24 / 420

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Model No. ST10-24-3.3S; ST10-24-5S; ST10-24-12S
Input Vdc/A: 18-36 / 0.7; 18-36 / 0.7; 18-36 / 0.7
Output Vdc/mA: 3.3 / 2000; 5 / 2000; 12 / 830

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Model No. ST10-24-15S; ST10-24-24S
Input V dc /A: 18-36 / 0.7; 18-36 / 0.7
Output Vdc / mA: 15 / 670; 24 / 420

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Model No. ST10-48-3.3S; ST10-48-5S; ST10-48-12S
Input Vdc/A: 36-75 / 0.3; 36-75 / 0.3; 36-75 / 0.3
Output Vdc/mA: 3.3 / 2000; 5 / 2000; 12 / 830

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Model No. ST10-48-15S; ST10-48-24S
Input V dc / A: 36-75 / 0.3; 36-75 / 0.3
Output Vdc / mA: 15 / 670; 24 / 420

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Model No. ST15-12-3.3S; ST15-12-5S; ST15-12-12S
Input Vdc/A: 9-18 / 2.0; 9-18 / 2.0; 9-18 / 2.0
Output Vdc/mA: 3.3 / 3000; 5 / 3000; 12 / 1250

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Model No. ST15-12-15S; ST15-12-24S
Input V dc/A: 9-18 / 2.0; 9-18 / 2.0
Output Vdc/mA; 15 / 1000; 24 / 625

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Model No. ST15-24-3.3S; ST15-24-5S; ST15-24-12S
Input Vdc/A: 18-36 / 1.0; 18-36 / 1.0; 18-36 / 1.0
Output Vdc/mA: 3.3 / 3000; 5 / 3000; 12 / 1250

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Model No. ST15-24-15S; ST15-24-24S
Input V dc / A; 18-36 / 1.0; 18-36 / 1.0
Output Vdc / mA: 15 / 1000; 24 / 625

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Model No. ST15-48-3.3S; ST15-48-5S; ST15-48-12S
Input Vdc/A: 36-75 / 0.5; 36-75 / 0.5; 36-75 / 0.5
Output Vdc/mA: 3.3 / 3000; 5 / 3000; 12 / 1250

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Model No. ST15-48-15S; ST15-48-24S
Input V dc / A: 36-75 / 0.5; 36-75 / 0.5
Output Vdc / mA: 15 / 1000; 24 / 625

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Model No. ST20-24-2.5S; ST20-24-3.3S; ST20-24-5S
Input Vdc/A: 18-36 / 1.2; 18-36 / 1.2; 18-36 / 1.2
Output Vdc/mA: 2.5 / 5000; 3.3 / 4250; 5 / 4000

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Model No. ST20-48-2.5S; ST20-48-3.3S; ST20-48-5S
Input Vdc/A: 36-75 / 0.6; 36-75 / 0.6; 36-75 / 0.6
Output Vdc/mA: 2.5 / 5000; 3.3 / 4250; 5 / 4000

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Model

ZB10-24F-3.3S; ZB10-24F-5S; ZB10-24F-12S; ZB10-24F-15S; ZB10-24F-24S;

ST10-24F-3.3S; ST10-24F-5S; ST10-24F-12S; ST10-24F-15S; ST10-24F-24S;

Input Vdc/A: 9-36 or 10-40, 2.3 or 2.2 A

Output Vdc/mA: 3.3/2000; 5/2000; 12/830; 15/670; 24 / 420

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ZB15-24F-3.3S; ZB15-24F-5S; ZB15-24F-12S; ZB15-24F-15S; ZB15-24F-24S;

ST15-24F-3.3S; ST15-24F-5S; ST15-24F-12S; ST15-24F-15S; ST15-24F-24S

Input Vdc/A: 9-36 or 10-40, 2.3 or 2.2 A

Output Vdc/mA: 3.3/3000; 5/3000; 12/1250; 15/1000; 24 / 625

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ZB10-24-3.3S; ZB10-24-5S; ZB10-24-12S; ZB10-24-15S; ZB10-24-24S;

Input Vdc/A: 18-36 / 0.7 A

Output Vdc/mA: 3.3/2000; 5/2000; 12/830; 15/670; 24 / 420

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ZB15-24-3.3S; ZB15-24-5S; ZB15-24-12S; ZB15-24-15S; ZB15-24-24S;

Input Vdc/A: 18-36 / 1 A

Output Vdc/mA: 3.3/3000; 5/3000; 12/1250; 15/1000; 24 / 625

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Model No.

ZB10-48F-3.3S; ZB10-48F-5S; ZB10-48F-12S; ZB10-48F-15S; ZB10-48F-24S;

ST10-48F-3.3S; ST10-48F-5S; ST10-48F-12S; ST10-48F-15S; ST10-48F-24S;

Input Vdc/A: 18-75, 1 A

Output Vdc/mA: 3.3/2000; 5/2000; 12/830; 15/670; 24 / 420

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ZB15-48F-3.3S; ZB15-48F-5S; ZB15-48F-12S; ZB15-48F-15S; ZB15-48F-24S;

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ST15-48F-3.3S; ST15-48F-5S; ST15-48F-12S; ST15-48F-15S; ST15-48F-24S

Input Vdc/A: 18-75, 1 A

Output Vdc/mA: 3.3/3000; 5/3000; 12/1250; 15/1000; 24/625

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ZB10-48-3.3S; ZB10-48-5S; ZB10-48-12S; ZB10-48-15S; ZB10-48-24S;

Input Vdc/A:36-75 / 0.3

output Vdc/mA:3.3/2000; 5/2000; 12/830; 15/670; 24/420

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ZB15-48-3.3S; ZB15-48-5S; ZB15-48-12S; ZB15-48-15S; ZB15-48-24S;

Input Vdc/A:36-75 / 0.5

output Vdc/mA: 3.3/3000; 5/3000; 12/1250; 15/1000; 24/625

Applicant Name and Address:

ARCH ELECTRONICS CORP
7TH FL-1 79 HSIN TAI WU RD SEC 1
HSIN CHIN
TAIPEI HSIEN
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