全漢企業股份有限公司

安規證書

料號	:	
Model Name		FSP250-H24-A12,FSP250-H24-A24,FSP250-H24-A54
版次	:	02
文件編號	:	SFD-00008670
作者	:	kent/葉泰宏(FSP)
SFA NO.	:	SFA23021092
Trade mark	:	FSP
安規種類	:	CB 62368 3rd
發行日期	:	2024/10/04 16:34:45
備註	:	修改報告內容

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台灣 桃園市桃園區 330 建國東路 22 號
No. 22, Jianguo E. Rd., Taoyuan Dist., Taoyuan City 330, Taiwan(R.O.C)
TEL：+886-3-375-9888　FAX：+886-3-375-6966

機密資料管制 資料等級：密等 機密資料管制. Confidential All rights reserved

Ref. Certif. No.

CA/32258M1/CSA

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Switching Power Supply
Name and address of the applicant	FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan
Name and address of the manufacturer	FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan
Name and address of the factory Note: *When more than one factory, please report on page 2*	ShenZhen HuiLi Electronics CO., LTD. Building C4(101~301)-C11, No. 352, LiuTang Rd., County 73, Bu'Xin Village, Xin'an, Bao'an, Shenzhen, Guangdong, P. R. China ☒ Additional Information on page 2
Ratings and principal characteristics	Refer to Page 2 of Certificate
Trademark / Brand (if any)	FSP
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	1) FSP250-H24-A12XX (X=0-9, A-Z or blank) 2) FSP250-H24-A24XX (X=0-9, A-Z or blank) 3) FSP250-H24-A54XX (X=0-9, A-Z or blank)
Additional information (if necessary may also be reported on page 2)	Additionally the product was evaluated to the requirements of EN IEC 62368-1:2020+A11:2020 ☒ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1: 2018
As shown in the Test Report Ref. No. which forms part of this Certificate	CB 188668-80161983(80216878)

This CB Test Certificate is issued by the National Certification Body

CSA Group
178 Rexdale Boulevard
Toronto, ON M9W 1R3 Canada

Date: 2024-09-10

Signature: William Meng

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Name and address of additional factories

Wuxi SPI Technology Co., Ltd.
No. 96, Xinmei Road, New District,
Wuxi city, Jiangsu,
P.R. China

Wuxi ZhongHan Technology Co., Ltd.
Block 106-D, Wuxi Nation HI-TECH Industrial,
Development Zone, Wuxi City,
Jiangsu, Province,
P.R. China

ShenZhen HuiLi Electronics CO., LTD
Building C4-C11, No. 352, LiuTang Rd.,
County 73, Bu'Xin Village, Xin'an, Bao'an,
Shenzhen, Guangdong,
P.R. China

ShenZhen HuiLi Electronics CO., LTD
Building B & G, Peace Hi-tech Industrial Zone,
Peace Village, FuHai Town, Bao'an,
Shenzhen, Guangdong 518102,
P.R. China

FSP Technology Inc. Taoyuan Plant 3
5F., No. 6, 4F., No. 6, No.6,
Xinglong Rd., Taoyuan Dist.,
Taoyuan City, 330
Taiwan

ZHONGHAN SCIENCE & TECH CO. LTD
Building 8 & 9, Section B,
JuYuan Industrial Zone, ChiaoTang Rd.,
TangWei Village, FuHai Town, BaoAn District.
ShenZhen City, Guangdong,
P.R. China

Zhonghan Electronics (Shenzhen) Co., Ltd.
Building 4(101) & Building 4,6,7 in Section C,
JuYuan Industrial Zone, TangWei Village,
FuHai Town, BaoAn Dist.,
ShenZhen City, Guangdong,
China

FSP TECHNOLOGY VIETNAM CO., LTD.
Factories A5-2, A5-3 and A5-4, Lot 6,
Cam Dien – Luong Dien Industrial Park,
Cam Dien Commune, Cam Giang District,
Hai Duong Province,
Vietnam

Ratings and principal characteristics

Input: 100V-240Vac, 3.5A, 50-60Hz

Output:
1) +12.0Vdc/12.5A Max. (Natural convection flow) or +12.0Vdc/20.83A Max. (14.0CFM air flow)
2) +24.0Vdc/6.25A Max. (Natural convection flow) or +24.0Vdc/10.42A Max. (14.0CFM air flow)
3) +54.0Vdc/2.78A Max. (Natural convection flow) or +54.0Vdc/4.63A Max. (14.0CFM air flow)

Additional information (if necessary)

This test report shall be read in conjunction with CB test report No. CB 188668-80161983, dated 2023-04-06 with CB certificate CA/32258/CSA, dated 2023-04-10. Original report was modified due to include the following changes/additions:

1. Add new factory: FSP TECHNOLOGY VIETNAM CO., LTD.
2. Correct typo in Summary of testing and table 5.2, 5.4.4.2, 5.4.4.9, B.3, B.4
3. Add evaluate test in table 5.4.9
4. Add description in table B.3, B.4
5. Correct typo in table 4.1.2 regarding the bobbin thickness to minimum 0.4mm.

Date: 2024-09-10 Signature: William Meng

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Ref. Certif. No.

CA/32258/CSA

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

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Name and address of the manufacturer	FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan
Name and address of the factory Note: *When more than one factory, please report on page 2*	ShenZhen HuiLi Electronics CO., LTD. Building C4(101~301)-C11, No. 352, LiuTang Rd., County 73, Bu'Xin Village, Xin'an, Bao'an, Shenzhen, Guangdong, P. R. China ☒ Additional Information on page 2
Ratings and principal characteristics	Refer to Page 2 of Certificate
Trademark / Brand (if any)	FSP
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	1) FSP250-H24-A12XX (X=0-9, A-Z or blank) 2) FSP250-H24-A24XX (X=0-9, A-Z or blank) 3) FSP250-H24-A54XX (X=0-9, A-Z or blank)
Additional information (if necessary may also be reported on page 2)	Additionally the product was evaluated to the requirements of EN IEC 62368-1:2020+A11:2020 ☐ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1: 2018
As shown in the Test Report Ref. No. which forms part of this Certificate	CB 188668-80161983

This CB Test Certificate is issued by the National Certification Body

CSA Group
178 Rexdale Boulevard
Toronto, ON M9W 1R3 Canada

Date: 2023-04-10

Signature: William Meng

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Ref. Certif. No.

CA/32258/CSA

Name and address of additional factories

Zhonghan Electronics (Shenzhen) Co., Ltd.
Building A2 in Section A, Building 4,6,7 in Section C,
JuYuan Industrial Zone, Tang Wei Village,
FuHai Town, BaoAn Dist., ShenZhen City,
Guangdong,
P.R. China

Wuxi SPI Technology Co., Ltd.
No. 96, Xinmei Road, New District,
Wuxi city, Jiangsu,
P.R. China

Wuxi ZhongHan Technology Co., Ltd.
Block 106-D, Wuxi Nation HI-TECH Industrial,
Development Zone, Wuxi City,
Jiangsu, Province,
P.R. China

ShenZhen HuiLi Electronics CO., LTD
Building C4-C11, No. 352, LiuTang Rd.,
County 73, Bu'Xin Village, Xin'an, Bao'an,
Shenzhen, Guangdong,
P.R. China

ShenZhen HuiLi Electronics CO., LTD
Building B & G, Peace Hi-tech Industrial Zone,
Peace Village, FuHai Town, Bao'an,
Shenzhen, Guangdong 518102,
P.R. China

FSP Technology Inc. Taoyuan Plant 3
5F., No. 6, 4F., No. 6, No.6, Xinglong Rd.,
Taoyuan Dist., Taoyuan City, 330
Taiwan

ZHONGHAN SCIENCE & TECH CO. LTD
Building 8 & 9, Section B, JuYuan Industrial Zone,
ChiaoTang Rd., TangWei Village, FuHai Town,
BaoAn District. ShenZhen City, Guangdong,
P.R. China

Zhonghan Electronics (Shenzhen) Co., Ltd.
Building 4(101) & Building 4,6,7 in Section C,
JuYuan Industrial Zone, TangWei Village, FuHai
Town, BaoAn Dist., ShenZhen City, Guangdong,
China

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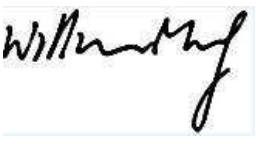
2) +24.0Vdc/6.25A Max. (Natural convection flow) or +24.0Vdc/10.42A Max. (14.0CFM air flow)
3) +54.0Vdc/2.78A Max. (Natural convection flow) or +54.0Vdc/4.63A Max. (14.0CFM air flow)

Additional information (if necessary)



Date: 2023-04-10

Signature: William Meng

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