



安規證書

料號 :
Model Name : DR-090-B12AB,DR-090-B48AB,DR-090-B24AB,DR-120-B48AB,DR-120-B24AB,DR-120-B12AB
版次 : 01
文件編號 : SFD-00002777
作者 : zoedai/戴淑慧(FSP)
Model No/Type : DR-090-B12AB,DR-090-B48AB,DR-090-B24AB,DR-120-B48AB,DR-120-B24AB,DR-120-B12AB
SFA NO. : SFA17111042
Trade mark : FSP
安規種類 : CB/工業軌道控制類(IEC61010-1+IEC61010-2-201)
發行日期 : 2018/11/21 15:12:16
備註 : 新增



Ref. Certif. No.

CA/22205/CSA

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

CB TEST CERTIFICATE

Product

DIN-Rail Switching Power Supply

Name and address of the applicant

FSP Group Inc.
No. 22, Jianguo E. Rd.,
Taoyuan City 330, Taoyuan, Taiwan

Name and address of the manufacturer

FSP Group Inc.
No. 22, Jianguo E. Rd.,
Taoyuan City 330, Taoyuan, Taiwan

Name and address of the factory

ShenZhen HuiLi Electronics CO., LTD.
Block C, Building 4,6,7,8,9,10,11, County 73, Xin'an,
Bao'an, Shenzhen, Guangdong, P.R. China
 [Additional Information on page 2](#)

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

Refer to page 2 of Certificate

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 1

Model / Type Ref.

DR-090-B12AB, DR-090-B24AB, DR-090-B48AB, DR-120-B12AB, DR120-B24AB, DR-120-B48AB

Additional information (if necessary may also be reported on page 2)

 [Additional Information on page 2](#)

A sample of the product was tested and found to be in conformity with

IEC 61010-1:2010, including ND for AT, CA, CH, DK, GB, JP, KR, SE, SI and US. IEC 61010-2-201:2013

As shown in the Test Report Ref. No. which forms part of this Certificate

CB 188688-70201987

This CB Test Certificate is issued by the National Certification Body

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

Date: 2018-11-19

Signature: Vegard Andersen



Ref. Certif. No.

CA/22205/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, TangWei Village, FuHai Town, BaoAn Dist., ShenZhen City, Guangdong, P.R. China

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

ZHONGHAN SCIENCE & TECH CO. LTD
Building 9, Section B, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District. ShenZhen City, Guangdong, China

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

ShenZhen HuiLi Electronics CO., LTD
Block A, Building 3, No. 5185, YeeYuan Rd., County 74, 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, P.R. China

Ratings and principal characteristics

Model	AC Input	DC Output
DR-090-B12AB	100-240 VAC; 2.0-1.0 A;	12 V dc @ 7.5 A, Maximum 90 Watts
DR-090-B24AB	60-50Hz	24 V dc @ 3.75 A, Maximum 90 Watts
DR-090-B48AB		48 V dc @ 1.875 A, Maximum 90 Watts
DR-120-B12AB	100-240 VAC; 2.5-1.2 A;	12 V dc @ 10 A, Maximum 120 Watts
DR-120-B24AB	60-50Hz	24 V dc @ 5 A, Maximum 120 Watts
DR-120-B48AB		48 V dc @ 2.5 A, Maximum 120 Watts

Conditions of Acceptability

General	Installation wiring	The equipment is to be installed using wiring of type and size suitable for the country where the equipment is intended to be used. Equipment shall be connected with copper wires only, with a temperature rating of at least 90°C.
5.4.3a)	Equipment installation	Supply and field wiring requirements have to be realized according to the installation instructions Equipment has been tested for vertical installation, the input terminals at the bottom and the output on the top. Equipment shall be installed with the following clearance to other devices: 5mm left and right. 40 mm above and 20 mm below. Additionally, 100 mm min clearance to any heat source.
6.3.1, 6.3.2	Accessible limits in normal and single fault condition	The equipment is an open type power supply intended for permanent installation to be provided with appropriate enclosure in the final installation. No accessible part is expected in normal use.
8	Resistance to mechanical stress	The equipment is an open type power supply, intended to be installed within another enclosure in the end product which supplies the safety aspects protecting the operator from mechanical hazard.

Additional information (if necessary)

Date: 2018-11-19

Signature: Vegard Andersen