

3305F 使用手冊



Material Contents Declaration

(材料含量宣称)

(Part Name) 零件名称	Hazardous Substance (有毒有害物质或元素)					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬 (Cr6+)	多溴联 苯(PBB)	多溴二苯醚 (PBDE)
PCBA (印刷电路装配件)	X	○	X	○	○	○
Electrical part not on PCBA's 未在PCBA上的电子零件	X	○	X	○	○	○
Metal parts 金属零件	○	○	○	X	○	○
Plastic parts 塑料零件	○	○	○	○	X	X
Wiring 电线	X	○	○	○	○	○
Package 封装	X	○	○	○	○	○

对销售之日的所售产品,本表显示, PRODIGIT 供应链的电子信息产品可能包含这些物质。注意:在所售产品中可能会也可能不会含有所有所列的部件。This table shows where these substances may be found in the supply chain of Prodigit electronic information products, as of the date of sale of the enclosed product. Note that some of the component types listed above may or may not be a part of the enclosed product. ○: 表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T 11363-2006 标准规定的限量要求以下。○: Indicates that the concentration of the hazardous substance in all homogeneous materials in the parts is below the relevant threshold of the SJ/T 113632006 standard. x: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363-2006 标准规定的限量要求。x: Indicates that the concentration of the hazardous substance of at least one of all homogeneous materials in the parts is above the relevant threshold of the SJ/T 11363-2006 standard.

Note(注释):

1. Prodigit has not fully transitioned to lead-free solder assembly at this moment ; However, most of the components used are RoHS compliant.

(此刻, Prodigit 并非完全过渡到无铅焊料组装;但是大部份的元器件一至于RoHS的规定。)

2. The product is labeled with an environment-friendly usage period in years.

The marked period is assumed under the operating environment specified in the product specifications.

(产品标注了环境友好的使用期限(年)。所标注的环境使用期限假定是在此产品定义的使用环境之下。)



Example of a marking for a 10 year period:

(例如此标制环境使用期限为10年)

SAFETY SUMMARY

The following general safety precautions must be observed during all phases of operation, service, and repair of this instrument. Failure to comply with these precautions or with specific warnings elsewhere in this manual violates safety standards of design, manufacture, and intended use of the instrument. PRODIGIT assumes no liability for the *customer's failure to comply with these requirements.*

GENERAL

This product is a Safety Class 1 instrument (provided with a protective earth terminal). The protective features of this product may be impaired if it is used in a manner not specified in the operation instructions.

ENVIRONMENTAL CONDITIONS

This instrument is intended for indoor use in an installation category I, pollution degree 2 environments. It is designed to operate at a maximum relative humidity of 80% and at altitudes of up to 2000 meters. Refer to the specifications tables for the ac mains voltage requirements and ambient operating temperature range.

BEFORE APPLYING POWER

Verify that the product is set to match the available line voltage and the correct fuse is installed.

GROUND THE INSTRUMENT

This product is a Safety Class 1 instrument (provided with a protective earth terminal). To minimize shock hazard, the instrument chassis and cabinet must be connected to an electrical ground. The instrument must be connected to the ac power supply mains through a three conductor power cable, with the third wire firmly connected to an electrical ground (safety ground) at the power outlet. Any interruption of the protective (grounding) conductor or disconnection of the protective earth terminal will cause a potential shock hazard that could result in personal injury.

FUSES

Only fuses with the required rated current, voltage, and specified type (normal blow, time delay, etc.) should be used. Do not use repaired

Fuses or short circuited fuse holder. To do so could cause a shock or fire hazard.

DO NOT OPERATE IN AN EXPLOSIVE ATMOSPHERE.

Do not operate the instrument in the presence of flammable gases or fumes.

KEEP AWAY FROM LIVE CIRCUITS.

Operating personnel must not remove instrument covers. Component replacement and internal adjustments must be made by qualified service personnel. Do not replace components with power cable connected. Under certain conditions, dangerous voltages may exist even with the power cable removed. To avoid injuries, always disconnect power, discharge circuits and remove external voltage sources before touching components.

DO NOT SERVICE OR ADJUST ALONE.

Do not attempt internal service or adjustment unless another person, capable of rendering first aid and resuscitation, is present.

DO NOT EXCEED INPUT RATINGS.

This instrument may be equipped with a line filter to reduce electromagnetic interference and must be connected to a properly grounded receptacle to minimize electric shock hazard. Operation at line voltages or frequencies in excess of those stated on the data plate may cause leakage currents in excess of 5.0 mA peak.

DO NOT SUBSTITUTE PARTS OR MODIFY INSTRUMENT.

Because of the danger of introducing additional hazards, do not install substitute parts or perform any unauthorized modification to the instrument. Return the instrument to a PRODIGIT ELECTRONICS Sales and Service Office for service and repair to ensure that safety features are maintained.

Instruments which appear damaged or defective should be made inoperative and secured against unintended operation until they can be repaired by qualified service personnel.

Company Name: PRODIGIT ELECTRONICS CO., LTD

Address: 8/F, No.88, Baojhong Rd., Sindian District, New Taipei City, Taiwan

Declares under sole responsibility that the product as originally delivered

Product Names: DC Electronic Loads

Model Numbers: 3310F, 3311F, 3312F, 3314F, 3315F, 3330F, 3332F, 3336F, 3340F,
3341F, 3342F, 33401F, 3300F, 3302F, 3305F

(And other customized products based upon the above)

Product Options:

This declaration covers all options and customized products based on the above products.

Complies with the essential requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC (including 93/68/EEC) and carries the CE Marking accordingly.

EMC Information:

Class I a sample of the product has been assessed with respect to CE-marking according to the Low Voltage Directive (73/23/EEC& 93/68/EEC) and EMC Directive (89/336/EEC,92/31/EEC, & 93/68/EEC) and Found to comply with the essential requirements of the Directives.

The Standard(s) used for showing the compliance and the full details of the results are given in the Test Reports as detailed below:

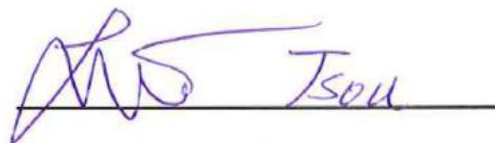
Safety Information:

Safety standards following:

IEC 61010-1:2001 / EN 61010-1:2001

April, 22, 2011

Date



Larsson Tsou / R&D Assistant Manager

The holder of the verification is authorized to use this verification in connection with the EC declaration of conformity according to the Directives. The CE marking may only be used if all relevant and effective EC Directives are complied with. Together with the manufacturer's own documented production control, The manufacturer (or his European authorized representative) can in his EC Declaration of Conformity Verify compliance with the directives.

安全標誌



直流電源符號(DC)



交流電源符號(AC)



交流和直流電源符號



3相交流電源符號



機體接地符號



開(電源)



關(電源)



保險絲



高電壓警告符號，請參考手冊上所列的警告和注意說明，以避免人員受傷



危險標誌，可能會有高電壓存在，請避免接觸

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第一章、簡介

Model 3305F 電子負載機框乃是為了 3310F/3330F/3340F/33401F/3341G/33401G 系列抽取式電子負載模組而設計的 2 組控制機框，可滿足 2 組輸出的電源供應器測試。目前本公司產生的 3310F/3330F/3340F/33401F/3341G/33401G 系列抽取式電子負載模組的簡單規格如表 1 - 1 所示，詳細規格請參考各系列電子負載使用手冊，或與本公司營業部聯絡取得詳細資料。



Model	Max. current		Max. voltage		Max. power	
3310F	30A		60V		150W	
3311F	60A		60V		300W	
3312F	12A		250V		300W	
3314F	12A		500V		300W	
3315F	15A		60V		75W	
3330F	60A(CHA)	6A(CHB)	80V(CHA)	80V(CHB)	250W(CHA)	50W(CHB)
3332F	24A(CHA)	24A(CHB)	80V(CHA)	80V(CHB)	120W(CHA)	120W(CHB)
3336F	3A(CHA)	3A(CHB)	80V(CHA)	80V(CHB)	40W(CHA)	40W(CHB)
3340F	2A		300V		150W	
3341F	20A		100V		300W	
3342F	2A		500V		300W	
33401F	2.4A(CHA)	2.4A(CHB)	500V(CHA)	500V(CHB)	120W(CHA)	120W(CHB)
3341G	24A		300V		300W	
3342G	12A		500V		300W	
3343G	24A		500V		300W	
33401G	6A(CHA)	6A(CHB)	500V(CHA)	500V(CHB)	150W(CHA)	150W(CHB)

表 1-1 3310F/3330F/3340F/33401F/3341G/33401G 系列簡單規格表

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/596140223002010053>