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中国建筑电气工程师品牌材料手册

*Manual
of Qualified Brands
for Building
Electrical Engineers*

Lightning 防雷 产品分册 *Protection*

《中国建筑电气工程师品牌材料手册》编委会

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前言 PREFACE

为了在材料选择上给建筑电气工程师提供更多的帮助,我们编纂了这套《中国建筑电气工程师品牌材料手册》。《手册》按不同的行业分类,以年刊的方式出版发行。之所以要用“品牌”作为编纂线索,是因为当今是一个品牌意识强烈的时代,“品牌”也是建筑电气工程师在选材过程中重要的信息依据。我们希望通过我们拥有的资源和能力,帮助建筑电气工程师做好信息服务的工作,逐步建立起一个标准化的信息收集、整理、查询、沟通与交流的方式平台。

《手册》以学术信息和资料的方式及时传递给建筑电气工程师和其他相关的使用者们,同时使厂商更直接地把产品信息送到建筑电气工程师手中,起到真正有效的自我推荐作用。《手册》在编辑过程中力求工具书的严谨性、真实性,并尽量把不同风格、不同种类的产品素材按统一的信息元素编辑,以提高建筑电气工程师的工作效率和信息使用效率。

《手册》的编纂没有广大电气防雷专家的鼎力支持,没有国内广大建筑电气工程师给予的关注和建议,没有电气厂商们的支持与信任,是不可能成功的。将防雷产品信息进行标准化编辑对编委会而言是一项新的探索,加之编辑工作量大,时间也较为紧迫,因此《手册》中收集的内容还不完全,专业深度也有所欠缺,还有很多内容有待于斟酌和完善,敬请广大建筑电气工程师与业内人士批评指正。

《中国建筑电气工程师品牌材料手册》编委会
2008年1月

In order to provide more help to building electric engineer in material-selection, we compile this series of < Manual of Qualified Brands for Building Electrical Engineers >. They are classified by different industries and published annually. We use "Brand" as an index because in recent world everybody will have a brand conscious and also brand is an important clew for engineer to select materials. We wish to provide engineers information service with the help of our background and resources, and establish a stand platform of information collection, arrangement, search and communication.

< Manual of Qualified Brands for Building Electrical Engineers > provide professional data and academic information to the building electrical engineer and other user from our society on time. Meanwhile, manufactures present their products and recommend themselves to the engineers directly. In course of editing, we strive for preciseness and facility, and try to edit different products materials in one styles and sorts as a unified standard in order to improve the efficiency of electrical engineers and the use of information.

Thanks for the full support of experts, the attention and suggestions of national building electrical engineers and the trusts of manufactures. All of your help is the basis of our success. It is a new exploration for editorial committee to standardize the information of office space product. The content of this manual is not all-round and in-depth owing to the limited time and hard work. Maybe some problems are omitted. We are welcome for all national electrical engineers to offer your valuable comments to help us to improve this manual.

< Manual of Qualified Brands for Building Electrical Engineers >
Editorial committee
January, 2008

声明 STATEMENT

All the pictures of products in this book are all provided by the manufacturers and for reference only. In case of application, please refer to the actual products.

The product graphic, basic circuit diagram, dimension drawing, illustration and the related data in this book are provided by the manufacturers. They are just for reference.

All the information about the products (including the product category, the product serial numbers, specification, max. continuous ac voltage, voltage protection level, nominal discharge current, and other illustrative words and information) is completely provided by the manufacturers. This book classified and compiled the products information and description provided by the manufacturers and is for reference only.

All information in this book about the manufacturers (including contact ways, simple introduction, sample construction, quality certification and executive standard) is all provided by the manufacturers and appears in the information bar of each brand and the fixed positions on the last page of products exhibition for the users to check information conveniently.

All the information is provided by the manufacturers before the January, 2008. No further notice if manufactures make any adjustments and changes.

Thanks to all the manufacturers for their great support!

本书所有产品图片均由厂商提供,仅供参考,选用时请以实际产品为准。

本书中所有产品图、电气原理图、接线图、规格尺寸图及相关数据、说明文字等均由厂商提供,仅供参考。

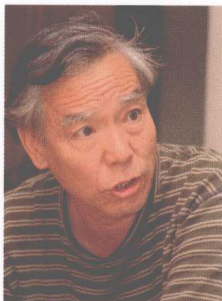
本书中所有产品信息(包括产品类别、产品型号、规格、最大持续运行电压 U_c 、电压保护水平 U_p 、放电电流 I_n 及其他说明文字信息)均由厂商提供。本书对厂商提供的产品信息和说明进行了整理和编辑,仅供参考。

本书中各项厂商信息(包括厂商的各种联系方式、简介、代表工程信息、质量认证和执行标准信息等)均由各厂商提供,出现在各品牌的信息栏及产品展示最后一页的固定位置上,以便查询。

本书所有信息资料提供截止日期为2008年1月,厂商若有调整和变动,恕不另行通知。

在此感谢所有厂商的大力支持。

主编



关象石



潘正林

近年来,全球气候持续变暖,各类极端天气事件(天灾)更加频繁,造成的损失和影响不断加重。为此,2007年7月5日,国务院办公厅正式下发《关于进一步加强气象灾害防御工作的意见》。这是继2006年7月5日国务院办公厅正式下发《关于进一步做好防雷减灾工作的通知》之后又一次的告诫和指示。然而天灾是无情的,2007年5月23日下午,重庆开县兴业村小学的一次雷击便造成了小学生7人死亡、44人受伤的惨案。

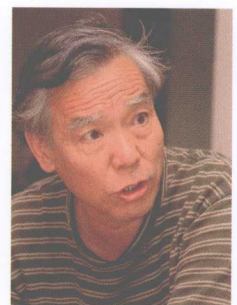
据中国气象局不完全统计,近十年来每年约有上千人因雷击死亡,每年发生的雷击灾害近2万起,直接经济损失超过6亿元。因此,防雷减灾的重任落到了每一个防雷工作者、从事防雷设计、施工的工程技术人员和防雷产品研制、生产者的身上。

为早日实现防雷减灾的目标,同时遵循防雷设计应做到安全可靠、技术先进和经济合理的原则,为防雷设计工程师和防雷产品生产企业搭建一个沟通的平台便是本手册编辑的目的。一年多来,本编委会先后在深圳、上海和北京召开了有防雷专家、设计院工程师和企业家参加的座谈会,取得广泛、一致的认可和支持,使得本手册能顺利出版。在此,谨向大家表示衷心的感谢,并欢迎提出批评和建议,使本手册在重编时能得以改进。

关象石 潘正林

SPEECH

Editor-in-chief



Guan Xiangshi

In recent years, the global climate continued to change warm, each kind of extreme weather event (disaster) more frequent, created the loss and the influence aggravated unceasingly. Therefore, on 5th July 2007, the State Council Office after-crops officially "about Further Strengthens Meteorological Disaster to defend Work Opinion". This is continues on 5th July 2006 the State Council Office to after-crop officially "after Further Completes Lightning Protection Disaster Reduction Work Notice" the once again warning and the instruction. However the disaster is heartless, on 23rd May 2007 the afternoon, a Chongqing Kai County Promoting education Village Elementary school's thunderstroke has then created the elementary student 7 people which died, 44 people is injured.

According to the CMA incomplete statistics, every year have over a thousand people approximately because of the thunderstroke death, occurs every year thunderstroke disaster near 20,000, the direct economic loss surpasses 600,000,000 Yuan(RMB). Therefore, the thunder and lightning protection heavy responsibility fell in each project designer, electrical engineer and enterprises.

For will soon achieve the Lightning Protection disaster reduction goal, simultaneously will follow the Lightning Protection design to be supposed to achieve safe reliable, technological advance and the economical reasonable principle. Builds a communication for project engineer and the enterprise the platform then is this handbook's edition goal. For more than a year comes, this editorial committee successively in Shenzhen, Shanghai and Beijing convened had the symposium which the expert, design institute engineer and the entrepreneur participated, obtained the widespread consistent approval and the support, caused this handbook could publish smoothly. In this, to everybody expressed sincerely the heartfelt gratitude, and welcome to propose the criticism and the suggestion, causes this handbook can be able to improve when the reconstitution.



Pan Zhenglin

关家石 潘正林



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《防雷产品分册(2008~2009)》即将与广大建筑电气工程师见面了。防雷产品具有自己独特的产品特征,我们希望通过我们的筛选和编辑,让这些产品更适合于建筑电气工程师的选择和推荐,提高信息的使用效率和工作效率。这部《防雷分册》的出版,是我们在建筑电气领域的一个新的尝试,得到了广大的建筑电气工程师、防雷专家以及防雷企业的大力支持!

编委会在编撰《手册》的同时还在努力应用数字化手段为建筑电气工程师打造一个实用的设计工具平台,让建筑电气工程师在CAD等专业设计界面上使用和下载电气产品信息,做到建筑电气产品与建筑设计的无缝对接。这是项重要的工作,我们希望通过我们的努力为建筑电气工程师提供更多优质的信息与服务。

我们的工作除了能为建筑电气工程师选择产品提供帮助外,对于防雷行业的整体规范也有一定的现实意义。我们相信不久的将来当我们再次对防雷产品进行编辑的时候,内容会更加完善,编辑制作水平也会达到新的高度!

梁进

<Manual of Qualified Brands for Building Electrical Engineers, Lightning Production Part Vol.2008~2009> will be presented to electrical engineers. Lightning Protection is special construction materials with their own characteristics. We hope through our selecting and editing of information on these tiles, electrical engineers will be easier to choose and recommend them thus could work more efficiently. The <Manual> published, is we from in a building electrical domain new attempt, Also obtained general construction electrical engineer, Lightning Protection experts and enterprises vigorously support!

The editorial committee while compiles <Manual> also in diligently using the digitized method for construction electrical engineer makes a practical design tool platform, Let the engineer in the specialized design contact surface use and download the electrical product information in CAD, achieves the construction electricity product and the architectural design closed butt joint. This is an important work, we hoped diligently provides more high quality informations and the service through us for construction electrical engineers.

However, just for that reason, our work can contribute to both helping electrical engineers with selection of products and the overall standardization of Lightning Production. We believe that in the near future when we compile another edition for < Manual >, we will reach a new level in terms of content and editing.

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 OPTOELECTRONICS 光电科技

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ASP 安世杰
 Anti Surge Protection®

P94

BD® Bone Dart

P96

BVB®

P98


CITEL

P104

CPower
 中力防雷

P106

DEHN

P114


 地凯

P116



P122


e-lord®

P128

ERICO®

P134


 瀚易

P138

 **ISKRA ZAŠČITE**

P142


JATD

P146


 中国-新加坡

P150


 金盾

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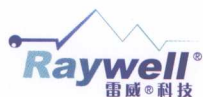
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产品分类索引

CLASSIFICATION INDEX

分类索引说明：坐标式索引，横坐标为产品分类，纵坐标为品牌名称，数字为相应产品所在页码。

产品分类 页码 品牌名称	SPD						
	电源类				信号类		
	模块SPD	防雷箱	插座	其他	网络信号 SPD	通信信号 SPD	天馈信号 SPD
阿古斯							
安士杰	90~91				92~93		93
博恩达	95	94	95				
BVB	96~97	97		97			
西岱尔	98~100	101	101		102	102	
中力防雷	104	104			104	105	
德和盛	107~111			110	112	112~113	113
地凯	115	114					
易仕	116~117	118	118		120	119~120	119
易龙	123~124	124	124		125	125	126
艾力高	133						
瀚易	135	134~135	137		136	136	136
易思卡	138~140				141	140~141	
捷安通达	144~145	142			143	143~144	
嘉德安	146~147				148~149	149	147
金盾	150	150~151	152		153	153	152
雷安	154~157				157	157	
麦克海鹏信	158~159				160	160~161	
OBO	163~164,168		164	163	166~167	165,167~168	
菲尼克斯	171~175		175	175	178	176~178	
雷博	182~183		183		184	184~185	185
雷威	188	188			189	188~189	189
施耐德	190~193				195	193,195	194
恒毅兴	197	196	198		198~199	198~199	199
天威	201	201~202,205	204		204	203	203
威尔利	206				208	207~209	209
鑫森众能	211				210~211	210~211	
兴天通	212				212	212~213	213
中光	214	214			215	215	
中普防雷	216~218	216~217	218				
中顺	220	220			221	221	221

产品分类	SPD			接地产品				
页码	信号类						接闪器	其他
品牌名称	同轴信号 SPD	其他	多功能SPD	放热焊	接地极	降阻剂		
阿古斯					88~89			
安士杰	92	92	93					
博恩达								
BVB								
西岱尔	103							
中力防雷			105					
德和盛	113							
地凯			115					
易仕	119		120				121	118,121
易龙	126	127	126		127		127	
艾力高				130~131	129		133	132
瀚易	136		137				137	
易思卡	141							140
捷安通达	144		143					
嘉德安	148		149					
金盾	152		152					
雷安	157							
麦克海鹏信	160		160~161					
OBO	166							169
菲尼克斯	178~179							180
雷博	185				186~187			
雷威	189							
施耐德	194							
恒毅兴	198~199		199					
天威	203	204	203				205	205
威尔利	207		206					
鑫森众能	210		210					
兴天通			212			212	213	
中光	215				215			
中普防雷			218					
中顺	221							

试验类别索引

本索引主要针对本手册中收录较为集中的电涌保护器(SPD)产品,所有产品的索引信息以厂商提供的资料为准。

TEST CATEGORIES INDEX

试验类别 产品分类 品牌名称	电源类SPD					信号类SPD			多功能SPD	
	T ₁	T ₂	T ₃	T ₁ +T ₂	T ₂ +T ₃	B类	C类	D类	T ₂ +C ₂	T ₃ +D ₃
安士杰/90	●	●					●		●	
博恩达/94			●							
BVB/96	●	●								
西岱尔/98		●	●	●	●		●			
中力防雷/104		●					●		●	
德利盛/106	●	●	●				●	●		
地凯/114		●			●				●	
易仕/116		●					●		●	
易龙/122		●					●		●	
艾力高/128		●								
瀚易/134	●	●					●		●	
易思卡/138	●	●	●				●	●		
捷安通达/142	●	●					●		●	
嘉德安/146	●	●	●				●			
金盾/150		●	●		●		●		●	
雷安/154	●	●					●			
麦克海鹏信/158		●				●	●		●	
OBO/162	●	●	●	●			●			
菲尼克斯/170	●	●	●	●		●	●	●		
雷博/182		●					●			
雷威/188		●		●			●			
施耐德/190	●	●					●			
恒毅兴/196		●	●					●		●
天威/200		●					●		●	
威尔利/206	●	●					●			
鑫森众能/210		●	●				●		●	
兴天通/212			●				●			
中光/214		●					●			
中普防雷/216	●	●	●				●			
中顺/220		●					●	●		