

VICFUSE Catalogue - Aldinet

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威可特®

Vicfuse

Circuit Protection Products

..... Safe & Green.....

Semiconductor Protection Fuses
DC Fuses
Telecom Fuses、EV/HEV Fuses
PV Fuses、Battery Protection Fuses
General Purpose Fuses
Fuse Holders/Fuse Bases
Fuse Switch Disconnectors
Little Fuses And Accessories
ESD/GDTs/SPDs



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COMPANY PROFILE (公司简介)

Company Name: SHENZHEN VICTORS INDUSTRIAL CO., LTD.
VICTORS INDUSTRIAL (H.K.) COMPANY LIMITED

深圳市威可特电子科技有限公司 威可特电器配件（香港）有限公司

产品: 电力熔断器/隔离开关/汽车保险丝/保险丝座/小型熔断器/熔断器座/静电放电抑制器/气体放电管/浪涌抑制器等

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Brands: Vicfuse; VF; VIC; 威可特

Products Family:

Power Fuses and Accessories

Auto fuses and Accessories

Miniature Fuses/Fuse Clips & Holders

Circuit Breakers

ESD Suppressors/Gas-Discharge Tubes/Surge protective devices

Approvals: CE, TUV, UL, PSE, CSA, VDE, BSI, SEMKO, CQC, CCC,

Equipment: Automatic production equipments; testing facilities.

Markets: To all the world

Founded: 1999.10

Capitals: USD8,000,000.00(2017)

Staffs: 260+

Factory: Shenzhen;

Factory Area: 20000m²

Quality Management System: BSI IATF16949/ISO9001/ISO14001/QC080000

D & B checked reference No.: 66-872-7134

品质政策：品质/服务/永续经营

HIGH QUALITY
QUALITY SERVICE
CONTINUOUS-DEVELOPMENT



Product Cross Reference Chart

产品参照表

Products	VICFUSE	BUSSMANN	MERSEN	SIBA	Ampere Rating	Voltage Rating
Semiconductor Protection Fuses	VRA	FWA	A15QS	*	70A-6000A	150V AC/DC
	VRX	FWX	A30QS	*	35A-4500A	300V AC/DC
	VRH	FWH	A50QS	*	35A-1600A	500V AC/DC
	VRP	FWP	A70QS	*	5A-1200A	700V AC/DC/800V DC
	VRJ	FWJ	A100P	*	35A-2000A	1000V AC/DC
	VRK	FWK	A120X	*	0.5A-30A	1200V AC/1000V DC
	VRL	FWL/FWS	A150X	*	10A-1000A	1500V AC/1000V DC
	VR10F/T	KTK	A60Q	60033/60034	0.1A-30A	600V AC/DC
	VSP	170M	PSC	20***	40A-8000A	690V/1000V /1250V AC
	VBS1028	LCT	URE	50076	5A-32A	250V AC
	VBS1727	LET	URGS/URZ	50053	7A-180A	250A VC
	VBS3627	LMT	URGG	50054	7A-525A	250V AC
	VBS1051	CT	URE	50077	5A-20A	690V AC
	VBS1749	ET/FE	URS	50073	12A-90A	690V AC
	VBS3655	FM/MT	URR/URGL	50074	50A-400A	690V AC
	2xVBS3627	LMMT	URGH	50071	300A-1050A	250V AC
	2xVBS1749	EET/FEE	URT	*	65A-160A	690V AC
	2xVBS3655	FMM/MMT	URU/URGM	50071	175A-800A	690V AC
	VC10	FWC/FWP	FR10GR	*	5A-32A	150V AC/DC, 700V AC/DC
	VC14	FWP	FR14GR	50***	1A-60A	150V-1000VAC/800V DC
	VC20	FWK/FWP/FWJ	*	*	2A-30A	750V AC/DC, 1000V DC
	VC22	FWP	FR22GR	50***	20A-100A	700V AC
	TPS	*	*	*	2A-60A	80V DC
DC Fuses	VD	170E/170F	DC Series	90***	6A-200A	750V DC-4200V DC
	VDC14	FWH	FD14GB	51***	2A-50A	440V DC
	VDC20	FWK	FD20GB	90080	0.8A-63A	100V DC/1500V DC
	VDC22	FWP	FD22GB	51***	50A-100A	440V DC
	VDC27	*	FD27GB	*	0.8A-160A	440V DC/66V DC
	VDC36	*	FD36GB	90094	0.8A-100A	1000V-4000V DC
PV Fuses	PV10/160/355/630	PV	HP10M/HP15M/HP10NH/H P15NH/HP12NHXL	5021**/20028**/20031**	1A-160A	1000V DC /1500V DC
Telecom Fuses	VT1/2/3/4/5	TPS/TPN/TPL	TGS/TGN/TGL	*	1A-800A	170V DC
EV/HEV Fuses	VA	EV	MEV EVpack	*	1A-1000A	250V-1000V DC
Battery Protection Fuses	VD	*	gBAT	aBAT/gBAT/gS	80A-1400A	1000V-1500V DC
	NH	BSF/NH	NH gBat	*	50A-400A	1000V-1500V DC
	VA	EVA	MEV	*	15A-600A	1000V DC
General Purpose Fuses	NT/NH	NT/NH	NH	NH	2A-1600A	500V/690V AC, 250V/440V DC
	VGC8/10/14/22	C08G/C10G/C14G/C22G	FT8AM/FR10AM/FR14AM/FR22AM	*	0.5A-125A	250V/400V/500V 690V AC/250V/440V DC
	VCF/VCT	FNQ-R/KTK-P/LP-CC	ATMR/ATDR	*	0.5A-30A	600V AC, 300V/600V DC
	VJF/VJT	DFJ/LPJ/JKS	A4J/HSJ	*	1A-600A	600V AC, 175V/200V DC
	VLT	KLU/KRP-CL/KLU	A4BY/A4BT	*	200A-6000A	600V AC, 300V AC
	VKF/VKT	KTN-R/KTS-R/KWN-R/LPS/LPN	A2D/A6D	*	1A-600A	250V/600V AC
	VTF	JJS/JJN	A3T/A6T	*	1A-1200A	300V/600V AC
	VGT	SC	AG	*	0.5A-60A	480V/600V AC
	VRK5	FRS-R/FRN-R	OT/OTN/OTS	*	0.1A-600A	250V/600V AC
	BS88 0B/1B/EB/3B/4B	EFS	BS88-2 B1X/B1/B2/B3/B4	*	2A-800A	415V/550V AC, 250V DC
	BS88 1A/2A/3A/4A	*	BS88-2 A1/A2/A3/A4/A4X	*	2A-800A	415V/550V AC, 250V DC
	BS88 1F/2F	SSD/NSD/ESD*	BS88-2 F1/F2	*	2A-800A	415V/550 AC, 250V DC
	BS88 1C/2C/3C	*	BS88-2 C1/C2/C3	*	2A-800A	415V/550 AC, 250V DC

Product Cross Reference Chart

产品参照表

Products	VICFUSE	LITTELFUSE	BUSSMANN	BEL	Ampere Rating	Voltage Rating
Subminiature Fuses	2D	251/253/263/316	MCRW	MQ	FF100mA-15A	250V/125V
	2E	471/472/473	MCRS	MS	T100mA-7A	250V/125V
	VF275	275/276/265/266 /267/277	--	--	FF63mA-30A	32V/125V AC/DC
SMD Fuses	04SF	435	--	--	F0.5A-25A	32V DC
	06LF	--	CC06H	--	HI0.4A-5A	32V DC/50V DC
	06SF	438	--	--	F0.4A-6A	32V DC
		467/494/431	0603FA	C2Q	F0.5A-5A	32V DC
	06LH	--	--	--	T0.5A-6A	32V DC
	08SF	--	--	--	F0.5A-25A	65VAC/DC
	12LF	440	CC12H	--	HI0.5A-7A	63V DC
	12SF	437/466	3216FF/3216LV	--	F01A-50A	63V DC
		466/429	--	C1Q/C1H/C1F	F0.1A-50A	63V DC
	12LH	468/430	3216TD	C1S/C1T	T0.5A-7A	63V DC
	VF448/VF451/VF453	448/451/453	6125FF/CB61F	SSQ/SSQC/0679L	F62mA-25A	125V AC/DC
	VF449/VF452/VF454	449/452/454	6125TD	SST/SSTC	T200mA-7A	125V AC/DC
	VF463/VF464	456/461/463	1025FA/1025TD/ TCP	SMP/SMM/UMTS	F500mA-40A	300V AC/80V DC/125V AC/100V DC
	VF443	443/443LC	1025TD/TCP	--	T40mA-30A	300V /250V /125V
Micro Fuses	VF392/VF400/VF8 04	392/396/369/400/8 04/807/808/950	SS-5/SS-5H	RST	T40mA-10A	250V/300V/400V AC/250V DC
	VF391	395	SS-5F/SS-5FH	0698K	F50mA-6.3A	250V
	VF370	370/373	SR-5/SR-5F	MRF	F50mA-6.3A	250V
	VF372	372/382/383/374	SR-5/SR-5H	MRT	T40mA-10A	250V/277V
	VF242/VF242-P	242	C308F	--	F50mA-250mA	250V AC/DC
	VF876	676	--	--	F50mA-6.3A	250V AC
	VF877	677/877	C310T	--	T250mA-6.3A	250V AC
	VF874	674	--	--	F100mA-8A	250V AC
Miniature Fuses	VF875	675	--	--	T100mA-5A	250V AC
	VF477	477/487/835/977	S505H	--	T500mA-25A	500V AC/DC
	VF218/VF218-P	218/228	S506/S506-V	5ST/5STP	T500mA-16A	250V AC
	VF217/VF217-P	217/227	S500/S500-V	5SF/5SFP	F63mA-10A	250V AC
	VF314/VF324	314/324	ABC/ABC-V	3AB/3ABP	F10mA-40A	300V AC/DC
	VF326/VF325	326/325	MDA/MDA-V	GSA/GSAP	T100mA-30A	250V AC/125V AC/DC
	VF215/VF215SP	215/221/215SP	S505/S505-V	0695C/0695P/5HT/5HTP	T500mA-25A	250V AC
	VF216/VF216SP	216	S510	5HF	F63mA-16A	125V/250V/277V/300V/ 350V/400V/420V
	VF313/VF315	313/315	MDL/MDL-V	3SB/3SBP	T10mA-30A	32V/125V/250V AC
	VF312/VF318	312/318	AGC/AGC-V	3AG/3AP	F10mA-30A	32V/125V/250V AC
	VF239/VF239-P	239/238	GDM/GDM-V	5TT/5TTP	T10mA-20A	125V/250V AC
	VF218/VF218-P	218/228	S504/S504-V	5ST/5STP	T63mA-400mA	250V AC
	VF171/VF171-P	213	--	5VT/5VTP/5ET/5ETP	T500mA-10A	250V AC
	VF235/VF235-P	235/236	GMA/GAM-V	5MF/5MFP	F10mA-20A	125V/250V AC
	VF229/VF229-P	229/230	C519/C515	2JS/3JS	T10mA-8A	125V/250V
	VF224/VF224-P	225/224	C520/C518	2JQ/3JQ	F10mA-10A	125V/250V
Special Fuses	VF505	505	FWH	--	FF1A-30A	500V AC/DC
	VF606	606	--	--	T20-63A	500V
	VF504	504	--	--	F1A-30A	500V
	SMP	2206	--	MJS	T/F10mA-8A	350V AC/140V DC
	AXT/AXT-A	688	CP70	--	T1A-50A	60V/125V/250V AC/DC
	AHN/AFN	481/482	GMT/GMT- A/HLS/ HLT/ PCT	--	0.18A-15A	125V AC/DC

Product Cross Reference Chart

产品参照表

PPTC	VICFUSE	RAYCHEM	BOURNS	LITTELFUSE	POLYTRONICS	Ampere Rating	Voltage Rating
Axial leaded	VFRX 60	RXEF	MF-R/MF-RX	60R	RLD60P	50mA-3.75A	60V
	VFRX 90	RXEF	MF-RX	72R	RLD72P	100mA-3.75A	90V
	VFRU	RUEF	MF-R	30R	RLD30P	900mA-9A	30V
	VFRV	LVR	MF-RM	--	--	50mA-2A	240V DC/240V AC
	VFRG	RGEF	MR-RG	16R	RLD16P	2.5A-14A	16V
	VFUSB	FUSBF	--	06R/16R	RLD06P/RLD16P	750mA-2.5A	16V/30V
	VFRT	RTEF	--	--	--	500mA-2.5A	36V DC
	VFRVL	LVRL	--	--	--	100mA-3.75A	120V DC/120V AC
	VFHT	RHEF	MF-RHT	--	--	500mA-15A	16V/30V
	VFRH	TRF	MF-RX	250R/600R	HVR250P/HVR600P	0.08A-0.18A	100V/250V
Radial leaded	VFSR	SRP	MF-S	15ST/30ST	STD	1.2A-4.2A	15V/30V
	VFLT	LTP	MF-LS	--	--	0.7A-3.4A	24V
	VFLR	LR4	MF-LR	15LR/20LR	LRD	1.9A-7.3A	15V/20V
	VFVT	VTP	MF-VS	16VT	VTD	1.1A-2.4A	16V
	VFVL	VLR	MF-SVS	12VL	VLD	1.7A-2.3A	12V
	VFSL	MXP	MF-LL	06SL	SLD	1.9A	6V
SMD	LO RHO VFSMD0402	--	--	0402L	SMD 0402P	0.1A-0.5A	6V
	LO RHO VFSMD0603	nano SMD * LR	--	0603SL	--	0.25A-0.75A	6V-9V
	VFSMD0603	femtoSMD	MF-FSMF	0603L	SMD 0603P	10mA-200mA	9V-60V
	LO RHO VFSMD0805	nano SMD * LR	--	0805SL	--	0.75A-1.75A	6V
	VFSMD0805	picoSMDC	MF-PSMF	0805L	SMD 0805P	100mA-1A	6V-15V
	LO RHO VFSMD1206	nano SMD * LR	--	1206SL	--	0.5A-2A	6V
	VFSMD1206	nanoSMDC	MF-NSMF	1206L	SMD 1206P	50mA-2A	6V-60V
	LO RHO VFSMD1210	nano SMD * LR	MF-USML	1210SL	--	1.75A-3.8A	6V
	VFSMD1210	microMSD	MF-USMF	1210L	SMD 1210P	50mA-2A	6V-60V
	LO RHO VFSMD1812	nano SMD * LR	--	1812SL	--	1.4A-3.7A	6V
	VFSMD1812	miniMSDC	MF-MSMF	1812L	SMD 1812P	100mA-3A	6V-60V
	VFSMD2920	SMDC	MF-LSMF	2920L	SMD 2920P	300mA-3A	6V-60V

Note: PPTC in * on behalf of the current range

注: PPTC 中* 代表电流范围

UL Standard Semiconductor Protection Fuses

UL標準半導體保護熔斷器



Application:

UPS, motor drives, solar inverters, rectifiers.

Highlights:

It can completely replace the FWA / FWX / FWH / FWP / FWJ series; A15QS / A30QS / A50P / A50QS / A60Q / A60X / A70P / A70Q / A70QS / A100P / A120X / A150X series; UR series. Low I^2T , more effectively to protect semiconductors; low power consumption, lower temperature rise; fast acting, current limiting, controlled arc voltage, choice of mounting types.

Operating temperature: -55°C - +150°C

工作環境溫度



應用領域:

UPS、電機驅動、光伏逆變器、整流器等。

性能優點:

可完全代替FWA / FWX / FWH / FWP / FWJ系列; A15QS / A30QS / A50P / Q50QS / A60X / A70P / A70Q / A70QS / A100P / A120X / A150X系列; UR系列。較低的 I^2T , 可對半導體進行更有效的保護; 低功耗, 低溫升; 尺寸小巧, 更好的設計、安裝優勢, 高分斷能力。



VRA

Rated voltage: 150V AC/DC

—— 額定電壓

Rated current: 70A-6000A

—— 額定電流

Breaking capacity: 100kA@150V AC

—— 分斷能力 50kA@150V DC



VRX

Rated voltage: 300V AC/DC

—— 額定電壓

Rated current: 35A-4500A

—— 額定電流

Breaking capacity: 100kA@300V AC

—— 分斷能力 50kA@300V DC



VRH

Rated voltage: 500V AC/DC

—— 額定電壓

Rated current: 35A-1600A

—— 額定電流

Breaking capacity: 200kA@500V AC

—— 分斷能力 50kA@500V AC
50kA@500V DC



VRP

Rated voltage: 700V AC/DC 800VDC

—— 額定電壓

Rated current: 5A-1200A

—— 額定電流

Breaking capacity: 200kA@700V AC

—— 分斷能力 50kA@700V AC
50kA@700V DC
50kA@800V DC



VRJ

Rated voltage: 1000V AC/800V DC

—— 額定電壓

Rated current: 35A-2000A

—— 額定電流

Breaking capacity: 100kA@1500V AC

—— 分斷能力 50kA@800V DC

Certification/认证: TÜV



VRK *

Rated voltage: 1200V AC/1000V DC

—— 額定電壓

Rated current: 0.5A-30A

—— 額定電流

Breaking capacity: 100kA@1200V AC

—— 分斷能力 50kA@1000V DC



VRL *

Rated voltage: 1500V AC/DC

—— 額定電壓

Rated current: 10A-1000A

—— 額定電流

Breaking capacity: 100kA@1500V AC

—— 分斷能力 50kA@1000V DC



VR10F/T

(Fast-acting & Time-lag)

Rated voltage: 600V AC/DC

—— 額定電壓

Rated current: 0.1A-80A

—— 額定電流

Breaking capacity: 100kA@600V AC

—— 分斷能力 50kA@600V DC

MeMo

注: 含*表示无UL认证

IEC Standard VSP Semiconductor Protection Fuses

IEC標準VSP半導體保護熔斷器



Application:

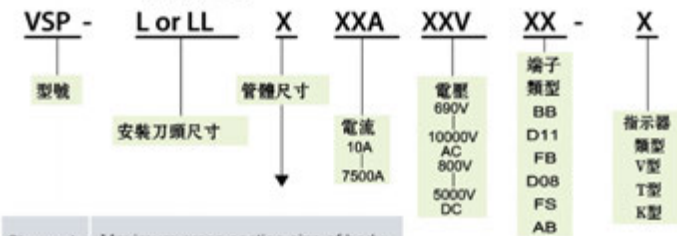
Protection of rectifiers, inverters, DC drives, UPS systems, reduced voltage motor starters, and other equipments in globally accepted applications.

Highlights:

It can completely replace the 170M series / PROTISTOR series / UR series; extremely fast acting, current limiting, low I^2t , worldwide acceptability, superior cycling ability, choice of mounting styles, broad range of ampere ratings.

Operating temperature: -55°C - +150°C

工作环境溫度



Size code	Maximum cross section size of body	
000	21×36	□
00	30×47	□
0	30×65	□
A	45×45	□
B	53×53	□
C	61×61	□
D	68×68	□
E	76×76	□
F	78×78	□
G	85×85	□
H	105×105	□
I	118×118	□

Type Indicator



Type T Indicator



Type K Indicator



應用領域:

二極管、晶閘管、可控硅整流器、GTO、IGBT、變頻器、軟起動器等半導體器件和設備的保護。直流電機傳動、中頻電源、電化學、不間斷電源、整流橋內部的短路保護和某些不允許過電流的過載保護。

性能優點:

可完全代替170M系列/PROTISTOR系列/UR系列；低的 I^2t ，低功耗；無磁結構，高穩定性；6種端子結構，方便設計、安裝；較高的分斷力；CE、UL、TUV直流、交流認證。

Terminal BB



Terminal D11(L or LL)



Terminal FB



Terminal D08



Terminal FS



Terminal AB(L or LL)



For special specifications, please contact us.
如需特殊規格，請與我們聯系。

4000A-5000A 400VAC

2000A-3200A 600VAC

20A-7500A 690VAC(IEC)

700VAC(UL)

50A-4000A 1000VAC(IEC)

1100VAC

50A-4000A 1250VAC(IEC)

1300VAC(UL)

100A-2500A 1500VAC

100A-2500A 2000VAC

100A-2500A 2500VAC

40A-800A 6000VAC

40A-800A 10000VAC

MeMo

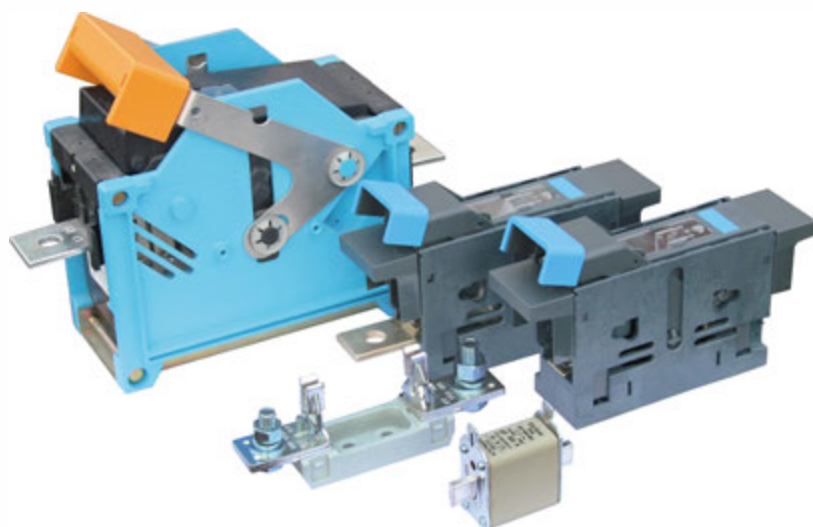
IEC Standard TPS 80V DC Fuses

产品参照表

IEC標準TPS 80V直流熔斷器

TPS Series Fuses And Switch Disconnectors

TPS 系列熔斷器及隔離開關



CE TÜV RoHS

Special compact design TPS 2A-1600A 80V DC fuses and switch disconnectors are suitable for high packaging density situation. It can save spaces and cost extremely when installed in power distribution system to offer clear safety.

為低壓直流電源系統特別設計的TPS 2A-1600A 80V DC 熔斷器底座及隔離開關產品，可以最大限度的為操作者提供安全保護，可實現高密度設計裝配、降低系統成本等優勢。

Rated voltage: 80V DC
—— 額定電壓

Rated current: 2A-1600A
—— 額定電流

Operating temperature: -55°C - +125°C
—— 工作環境溫度

Solar PV Series Fuses

太陽能光伏系列熔斷器



Application:

Solar batteries, combiner boxes, inverters and so on.

CE UL RoHS

Highlights:

Completely replace the HP series; PV series; SPF series. The PV fuse series was engineered and designed specifically for the protection of photovoltaic systems.

Its enhanced fuse construction makes it ideal for continuous temperature and current cycling withstand adding to system longevity.

應用領域:

太陽能電池組、匯流箱、逆變器等。

性能優點:

可完全代替HP系列；PV系列；SPF 系列。特殊設計，高可靠性，可承受戶外嚴酷的使用環境；低電流分斷能力；多種安裝端子設計、安裝優勢。

Operating temperature: -55°C - +150°C
—— 工作環境溫度

PV10

Rated current: 1A-30A

—— 額定電流

Rated voltage: 1000V/1500V DC

—— 額定電壓

PV14

Rated current: 2.25A-32A

—— 額定電流

Rated voltage: 1500V DC

—— 額定電壓

PV160

Rated current: 63A-160A

—— 額定電流

Rated voltage: 1000V DC

—— 額定電壓 1500V DC

PV355

Rated current: 200A-355A

—— 額定電流

Rated voltage: 1000V DC

—— 額定電壓 1500V DC

PV630

Rated current: 400A-630A

—— 額定電流

Rated voltage: 1000V DC

—— 額定電壓 1500V DC

MeMo

British Standard Semiconductor Protection Fuses

英國標準半導體保護熔斷器



Application:

Semiconductor protection fuses.

Highlights:

It can completely replace BS88-4 series; LCT / LET / LMT / LMMT / CT / ET / FE / EET / FEE / FM / FMM / MT / MMT series; E series.

Extremely high interrupting rating fuses, gR class, aR class, with separate trip-indicator.

Operating temperature: -55°C - +150°C

工作環境溫度

應用領域:

大型整流器的半導體保護。



性能優點:

可完全代替BS88-4系列; LCT / LET / LMT / LMMT / CT / ET / FE / EET / FEE / FM / FMM / MT / MMT系列; E系列。

較低的 I^2T , 可對半導體進行更有效的保護; 低功耗, 低溫升; 尺寸小巧, 更好的設計、安裝優勢。高分斷能力; 等級: gR, aR

VBS1028

Rated current: 5A-32A

額定電流

Rated voltage: 250V AC

額定電壓 150V DC

VBS1749

Rated current: 25A-100A

額定電流

Rated voltage: 690V AC

額定電壓 450V DC
700V/800V DC

VBS1051

Rated current: 5A-20A

額定電流

Rated voltage: 690V AC

額定電壓 450V DC

VBS1727

Rated current: 7A-180A

額定電流

Rated voltage: 250V AC

額定電壓 150V DC

VBS3655

Rated current: 50A-400A

額定電流

Rated voltage: 690V AC

額定電壓 450V DC

VBS Series

Rated current: 16A-630A

額定電流

Rated voltage: 1000V DC

額定電壓

VBS3627

Rated current: 50A-525A

額定電流

Rated voltage: 250V AC

額定電壓 150V DC

2xVBS1749

Rated current: 65A-160A

額定電流

Rated voltage: 690V AC

額定電壓 450V DC

2xVBS3627

Rated current: 300A-1050A

額定電流

Rated voltage: 250V AC

額定電壓 150V DC

2xVBS3655

Rated current: 175A-800A

額定電流

Rated voltage: 690V AC

額定電壓 450V DC



IEC Standard Cylindrical Semiconductor Protection Fuses

IEC標準圓柱形半導體保護熔斷器



VC14

Rated current: 1A-50A

額定電流

Rated voltage: 690V AC

額定電壓 800V DC

VC22

Rated current: 20A-100A

額定電流

Rated voltage: 700V AC

額定電壓 800V DC

VC27

Rated current: 35A-60A

額定電流

Rated voltage: 750V AC

額定電壓 800V DC



Application:

Protection of small inverters, UPS systems, motor drives and similar 700V or less equipment.

Highlights:

It can completely replace the URC / URD / URGD / URQ series; FWA / FWH / FWP / FWC / FWJ / FWK / FWS / FWL / FWX series; F series.

Extremely high interrupting rating fuses, extremely fast acting, eliminate all overloads, current limiting, low I^2T for improved semiconductor protection, excellent cycling capability.

Operating temperature: -55°C - +150°C

工作環境溫度

應用領域:

小型轉換器; UPS 電源; 馬達驅動及其它。

性能優點:

可完全代替URC / URD / URGD / URQ 系列; FWA / FWH / FWP / FWC / FWJ / FWK / FWS / FWL / FWX 系列; F 系列產品。較低的 I^2T ; 特快斷; 優異的過載及限流能力 (gR)。

MeMo

VD Series DC Fuses

VD系列直流熔斷器



Application:

Protection of inverters, UPS systems, motor drives and similar 5000 VDC or less equipment.

Highlights:

Completely replace the PSC series; 170F series; UR series. Extremely fast acting, eliminate all overloads, current limiting, low I²T for improved, semiconductor protection, excellent cycling capability, multiple body sizes and terminals or blades combination.

應用領域:

逆變器, 直流啟動器; UPS; 轉換開關; 大型整流器等。

性能優點:

可完全代替PSC系列; 170F系列; UR系列。
高限流, 高分斷能力; 無磁結構; 高穩定性; 低功耗, 低溫升; 多種安裝端子設計、安裝優勢。

VD	X	XXA	XXV	XX -	X
型號	管體尺寸	電壓 750V 4000V DC	電流 20A 4000A	端子 類型 BB D11 FB D08 FS AB	指示器 類型 V型 T型 K型
Size code	Maximum cross section size of body				
0	45×45				
1	53×53				
2	68×68				
3	76×76				
4	85×85				
5	118×118				

V-Visual Indicator



Type T Indicator



Type K Indicator



Interrupt Rating: 100kA(L/R=10-15ms)
Pending 250kA(L/R≤15ms)
——分斷能力

Rated voltage: 750V-5000V DC
——額定電壓

Operating temperature: -55°C - +150°C
——工作環境溫度

Rated current: 50A-4000A
——額定電流

EV Fuses

新能源熔斷器



99.99% silver fuse element and compact design tube, faster response to short-circuits, assures protection of components and auxiliary loads, high cycling capability for sustained life in EV applications.

采用99.99%的純銀熔芯及高強復合管, 精密加工技術及動化固化工藝生產的EV/HEV直流熔斷器, 具有溫升低、高低溫工作穩定、精準熔斷等優點。



EV/HEV

Rated current: 1A-1000A
——額定電流

Rated voltage: 144V-1000V DC
——額定電壓

Operating temperature: -55°C - +150°C
——工作環境溫度

MeMo

Telecom Fuses

通訊用熔斷器



Application:

Communication power; switches; the backup power supply systems. rectifiers, distributions switching panels, battery back-up modules, power supplies and switching sub-stations.

Highlights:

Completely replace the TGL / TGN / TGS series; TPS / TPL / TPN series; TLS series. Telecom fuses are specially designed for the protection of telecommunications equipments which include telephone switching equipments.



應用領域:

通訊電源；交換機開關；後備電源系統；分配器等。

性能優點:

可完全代替 TGL / TGN / TGS 系列；TPS / TPL / TPN 系列；TLS 系列；快斷；優異的限流能力，高分斷；直流等級；與其它廠家產品完全兼容。



VT1/2/3/4/5

Rated current: 1A-1200A

額定電流

Rated voltage: 170V DC

額定電壓

Operating temperature: -55°C- +125°C



AFN/AHN/AHC/AFC

Rated current: 0.18A-20A

額定電流

Rated voltage: 125VAC/DC

額定電壓

Operating temperature: -25°C- +85°C

工作環境溫度

工作環境溫度

MeMo

Battery Protection Fuses

電池保護熔斷器



Application:

Electrical energy storage, Battery storage system, DC grid protection;
VA series address specific needs in EV/HEV and Electrical Energy Storage, Battery charger, Battery pack protection.

Highlights:

Completely replace the PSX series; ABAT series; NH gBat series;
Designed according to IEC60269-7 (standard for battery protection)
Extremely fast acting, eliminate all overloads, current limiting, low I²T for improved, semiconductor protection, excellent cycling capability, multiple body sizes and terminals or blades combination.
Operating Class: aBat, gbat

Operating temperature: -55° C- +150° C

—— 工作環境溫度

VD Series

Rated current: 80A-1400A

—— 額定電流

Rated voltage: 1000V-1500V DC

—— 額定電壓

NH Series

Rated current: 50A-400A

—— 額定電流

Rated voltage: 1000V-1500V DC

—— 額定電壓

VA Series

Rated current: 15A-600A

—— 額定電流

Rated voltage: 1000V DC

—— 額定電壓

Operating temperature: -55°C- +150°C

應用領域:

能源儲存, 電池能源儲存系統, 直流電網保護;
EV/HEV; 電能儲存; 電池充電器; 電池組保護;

性能優點:

可完全替代PSX系列; ABAT系列; NH gBat系列; EVK系列; MEV系列
根據IEC60269-7電池保護標準設計, 高限流, 高分段力;
無磁結構; 高穩定性; 低功耗。低溫升; 多種安裝端子設計、安裝優勢

等級: aBat、gBat



MeMo



Surge Suppression Fuses

浪湧抑制熔斷器



The VSS varistor protection fuses are intended for the protection of TVSS products. The VSS series has been designed to survive the 8x20 μ s lightning surges described in various standards (UL 1449, IEC 61000-4-5 and IEEE C62.41) without opening. This allows the TVSS to perform the necessary suppression. The VSS is not rated for continuous current and the ratings are specific 8 x 20 μ s surge capability. The VSS series can be used to facilitate TVSS module compliance to UL 1449 in permanently connected applications (abnormal overvoltage, unlimited current conditions).

壓敏電阻浪湧保護保險絲設計用於保護TVSS產品。VSS系列能夠耐受UL1449、IEC61000-4-5和IEEE C62.41等各類標準中所述的8x20 μ s雷湧現象，而不會造成斷路。這使得瞬態電壓浪湧抑制器可以發揮必要的抑制作用。VSS系列的額定值針對特定的8x20 μ s浪湧能力而不是按連續電流而設定。VSS系列可幫助永久性連接應用的TVSS模塊達到UL1449認證標準的要求（異常過壓、無限電流條件）。

VSS

Surge Rating: 5-100kA 8x20 μ Sec
浪湧額定值

Rated voltage: 600V AC
額定電壓

Operating temperature: -55°C - +150°C
工作環境溫度



NT (NH)Series General Purpose Fuses

NT(NH)系列通用熔斷器



Application:

General Electric Wire & Cable (gG), power (gG), motor protection (gM or aM), semiconductor protection (aR or gR).

Benefits:

The NT(NH) system is classified among plug-in fuse systems and is composed of: fuse-base, (possibly including terminal covers and phase barriers); fuse-link with blade contact; fuse-link replacement device (LV HRC fuse puller). Since the design of this system cannot guarantee non-interchangeability of rated current, it must be handled by a qualified professional.

CE TÜV RoHS

應用領域:

通用電線電纜 (gG)、供電 (gG)、電機保護 (gM or aM)、半導體保護 (aR or gR)。

性能優點:

可完全與NH系列互換。優質原材料，先進工藝；RoHS環保；低功耗，低溫升。

NT(NH)00C/00/0/1/2/3/4/4A

Rated current: 2A-1600A
額定電流

Rated voltage: 400V/500V/690/1000V/1200V/1500 AC
額定電壓 250V/440V DC

Operating temperature: -55°C - +150°C
工作環境溫度



MeMo

VGC Series General Purpose Fuses

VGC系列通用熔斷器



CE TÜV RoHS



VGC8/10/14/22

Rated current: 0.5A-125A
額定電流

Rated voltage: 500V/690V AC
額定電壓 250V/440V DC

Operating temperature: -55°C - +150°C
工作環境溫度

Application:

General Electric Wire & Cable (gG), power (gG), motor protection (gM or aM), semiconductor protection (aR or gR).

Benefits:

Completely replace Ferrule FR series; C8G / C10G / C14G / C22G Series; F series. The VGC ferrule fuse-links cover a wide range of physical sizes for protection in electrical distribution circuits and various industrial applications. Most ratings are with an optional indicator. Our technology and process was designed to ensure highly reliable technical performance.

應用領域:

通用電線電纜 (gG)、供電 (gG)、電機保護 (gM or aM)、半導體保護 (aR or gR)。

性能優點:

可完全代替Ferrule FR系列; C8G / C10G / C14G / C22G系列; F系列。優質原材料, 先進工藝; RoHS環保; 低功耗。

UL Standard General Purpose Fuses

UL標準通用型熔斷器

CE UL RoHS
E479968

VCF

Rated current: 0.1A-30A
額定電流

Rated voltage: 600V AC/DC
額定電壓

CLASS CC

VCT

Rated current: 0.1A-30A
額定電流

Rated voltage: 600V AC/600V DC
額定電壓

VJF

Rated current: 1A-600A
額定電流

Rated voltage: 600V AC/300V DC
額定電壓

CLASS J

VJT

Rated current: 0.1A-600A
額定電流

Rated voltage: 600V AC/500V DC
額定電壓

VJT

Rated current: 200A-6000A
額定電流

Rated voltage: 600V AC/300V DC
額定電壓

CLASS L

VKF

Rated current: 1A-600A
額定電流

Rated voltage: 600V AC/250V AC
額定電壓

CLASS RK1

VKT

Rated current: 0.1A-600A
額定電流

Rated voltage: 600V AC/250V AC
額定電壓

VTF

Rated current: 1A-1200A
額定電流

Rated voltage: 300V AC/160V DC
額定電壓 600V AC/300V DC

CLASS T

VGT

Rated current: 0.5A-60A
額定電流

Rated voltage: 600V AC/480V AC
額定電壓

CLASS G

VRK5

Rated current: 0.1A-600A
額定電流

Rated voltage: 250V AC/250V DC
額定電壓 600V AC/600V DC

CLASS RK5



Operating temperature: -55°C - +125°C
工作環境溫度

MeMo

Vicfuse offers a variety of industrial power fuses to serve numerous applications. We provide an innovative selection of power fuses to meet the needs of our customers. Explore our various products below to find your solution. The better your overcurrent protection, the easier it is to minimize downtime and repair bills.

BS88 Series General Purpose Fuses

BS88系列通用熔斷器



Application:

Cables, motors, switchboards, control panels, lighting, capacitors, short circuit switches, battery and DC circuit protection.

Benefits:

It can completely replace the various types of BS88 series of products on the market, such as AC / AD / BC / BD / CD / DD / ED / EFS / EF / FF / FG / GF / GG / GH / SSD / NSD / ESD / STD / NITD / AAO / BAO / OSD / CEO / DEO etc.

The standard range of fuses for low voltage industrial and general purpose applications meet the requirements of BS88 and IEC 60269. Selecting fuses is relatively simple and effective.

應用領域:

電纜、電機、配電板、控制面板、照明、電容器、短路開關、電池及DC電路保護。

性能優點:

可完全代替市場上各類BS88系列產品，如AC / AD / BC / BD / CD / DD / ED / EFS / EF / FF / FG / GF / GG / GH / SSD / NSD / ESD / STD / NITD / AAO / BAO / OSD / CEO / DEO等。

設計緊湊，最佳的安裝尺寸；良好的限流特性；高分斷力；低功耗；低溫升。



CE RoHS

BS88

Rated current: 2A-800A

—— 額定電流

Rated voltage: 415V/550V/690V AC

—— 額定電壓 250V DC

Operating temperature: -55°C- +150°C

—— 工作環境溫度

DIN Type Fuses

DIN型熔斷器



Application:

Transmission line protection (gG), motor protection (aM). Specially designed to ensure that different current levels of misuse.

Benefits:

All fuse-links have blown-fuse indicators which are visible through the screw cap. Screw caps fit onto single pole bases which are screwed or DIN rail mounted. All accessories such as covers, adapter rings, and gauge rings are described.

Interchangeable with all the DIN products of other manufactures on the market.



CE RoHS

應用領域:

輸電線路保護 (gG)、電機保護 (aM)。半導體產品保護 (aR) 特殊設計，可保證不同電流等級的誤操作。

性能優點:

可與市場上其它廠家DIN型產品完全互換。

D 型

Rated current: 2A-200A

—— 額定電流

Rated voltage: 400V/500V/690V AC

—— 額定電壓 250V/500V DC

Operating temperature: -55°C- +150°C

—— 工作環境溫度

MeMo

High-voltage Fuses

高壓熔斷器



CE RoHS

DIN type, B-type, UL-type
 Rated current: 6.3A-500A
 Rated voltage: 1kV-72.5kV



DIN 型, BS 型, UL 型

Rated current: 6.3A-500A

—— 額定電流

Rated voltage: 1kV-72.5kV

—— 額定電壓 250V/500V DC

Operating temperature: -55°C-+150°C

—— 工作環境溫度

Application:

Transformer backup protection, motors, capacitors, transformers protection. Interchangeable with other manufacturers on the market.

Current-limiting power fuses offer significant advantages for protecting electrical power systems and equipments.

Advantages include:

- High interrupting capacity
- Noiseless operation, since the interruption is totally contained
- Fast current-limiting operation when troublesome high available fault currents are encountered

應用領域:

變壓器後備保護, 電機、電容器、互感器保護。

性能優點:

可與市場上進口產品完全互換。

Fuses Accessories

熔斷器配件



CE RoHS



CLASS C, CLASS J, CLASS L, CLASS RK1, CLASS T, CLASS G, CLASS RK5, NT (NH), BS88, D type.

Vicfuse offers a comprehensive line of fuse blocks that incorporate many benefits such as indication, snap-to-release DIN-Rail mounting and universal mounting holes.

Reduced Footprint-Save space with designs up to 35% smaller in width.

Indication-Increasfety safety and reduce downtime with built-in local neon indication.

Universal Mounting Holes-Simplify replacement with universal mounting options.

DIN Rail Mountable-Ease installation with a 35mm hat DIN Rail mounting option.

One-Hand Release-Saye time by using only one hand for a simple releasa from DIN Rail.

MeMo

Fuse Holders 熔斷器座

CLASS CC、CLASS J、CLASS L、CLASS RK1、CLASS T、CLASS G、CLASS RK5、NT (NH)、BS88、D 型。

除以上規格外, 我們還可以根據客戶需要開發諸如半導體保護熔斷器、高壓直流熔斷器等特殊需要。

Fuses Accessories

熔斷器配件

Fuse Blocks 熔断器盒



Vicfuse's extensive line of fuses is matched by our selection of fuse blocks and holders. Choose from a wide range of traditional and space-saving fuse blocks, panelmount and in-line holders, modular semiconductor fuse holders and more.

8 × 32、10 × 38(class CC)、10 × 85、14 × 51、22 × 58
保險絲夾、保險絲座，有PCB安裝型、DIN導軌型等
可供選擇，可提供熔斷器保護後指示，為維護者最大
限度縮短維護時間。

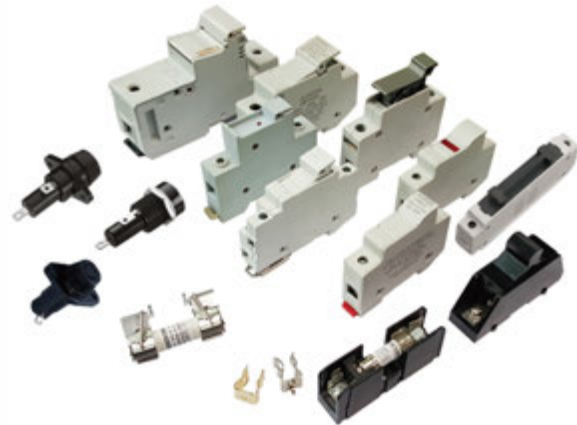
IP67

CE

E359089

TÜV

RoHS



Fuse Switch Disconnectors 熔断器隔离开关

CE TÜV RoHS



Fuse size 10 × 38, 14 × 51, 22 × 58, NT (NH) 00C-NT4A,
Current 2A-1600A

Voltage 400V / 500V / 690V AC

250V / 440V / 550V DC

Horizontal and vertical installation, free combination of
1P-4P.

The safest way to switch power on and off in industrial
control panels is using Vicfuse's disconnect switches. Our
extensive line includes UL 98 fusible and non-fusible
switches, UL 508 switches, and our high-performance
Surge Switch, designed to withstand the high surge
current of today's transient voltage SPD applications.

熔斷器尺寸 10 × 38、14 × 51、22 × 58、NT (NH)
00C-NT4A,

電流 2A-1600A

電壓 400V/500V/690V AC

250V/440V/550V DC

水平安裝和垂直安裝兩種, 1P-4P自由組合。

Power Distribution Blocks 大电流分线盒



Vicfuse's Power Distribution Blocks have three series,
namely VLC series, VLD series, and VGDB series.

Current 80A-335A

Voltage 600V

熔斷器分線盒有三個系列，分別是VLC系列、VLD系列、
VGDB系列

電流 80A-335A

電壓 600V AC

RoHS



Electronic Fuses and Accessories

電子保險絲及配件

Vicfuse manufactures the broadest and most innovative selection of fuses to serve nearly every possible application.

Full range including surface mount, Micro, Subminiature, Miniature, glass or ceramic, thin-film or ceramic style, fast-acting or time-lag and PTC's fuses.

In addition to our broad portfolio of circuit protection technologies, we offer an array of fuse holders including circuit board, panel or in-line wire mounted devices to support a wide range of application requirements.



Surface Mount Fuses 貼片保險絲

Size: 0.95×0.48×0.35 (0.04×0.02×0.01)-14×39mm (0.55×1.54In)
—— 尺寸

Rated current: 40mA-125A
—— 額定電流

Rated voltage: 24V-350V DC/32V-600V AC
—— 額定電壓

Operating temperature: -55°C- +125°C
—— 工作環境溫度

- 接線端帽可以選擇電鍍金或銀, 可安裝底座。
- 可滿足 AEC-Q200 的測試要求。



Micro Fuses 微型保險絲

Rated current: 40mA-135A
—— 額定電流

Rated voltage: 32V-450V DC/32V-400V AC
—— 額定電壓

Operating temperature: -55°C- +125°C
—— 工作環境溫度



Subminiature Fuses 電阻型保險絲

Rated current: 50mA-30A
—— 額定電流

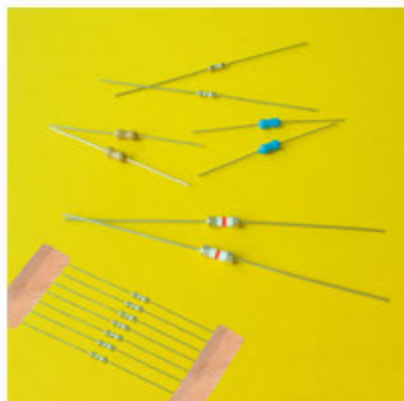
Rated voltage: 32V-250V AC
—— 額定電壓

Operating temperature: -55°C- +125°C
—— 工作環境溫度

- 生產及測試標準 MIL-STD-202



MeMo



Electronic Fuses and Accessories

電子保險絲及配件



Cartridge Fuses 管狀保險絲

Size:

尺寸

4.5×14.5mm(2AG)

5×20mm

6.3×25.4mm

6.3×32mm(3AG)

Rated current: 30mA-63A

額定電流

Rated voltage: 60V-1000V DC/32V-1000V AC

額定電壓

Operating temperature: -55°C- +125°C

工作環境溫度



PPTC Resettable Fuses 自恢復保險絲

Rated current: 50mA-15A

額定電流

Rated voltage: 6V/16V/30V/60V/90V/250V/600V DC/240V AC

額定電壓

Operating temperature: -55°C- +150°C

工作環境溫度

- 可滿足 AEC-Q200 的測試要求。



Fuse Clips/Fuse Blocks/In-Line Fuse Holders/Fuse Holders



保險絲夾/保險絲盒/綫束保險絲座/保險絲座

IP67



Enable easy fuse installation and replacement with our comprehensive line of fuse blocks, fuse holders, and fuse accessories for automotive, electronic, and industrial applications.

可提供最大電流達到66A的防水座，CE、UL認證，RoHS產品。

MeMo

Automotive Fuses and Accessories

車用保險絲及配件



Vicfuse offers a variety of car fuses and circuit breakers used to protect the circuits on passenger cars.

Our car fuses are industry standards and our wide selection of high-quality fuses allows you to search for the fuse that fits your specific needs. Browse our products below.

Automotive Fuses 車用保險絲



Rated current: 1A-800A

—— 額定電流

Rated voltage: 32V/60V/80V/125V DC

—— 額定電壓 125V/130V/250V AC

Operating temperature: -55°C- +125°C

—— 工作環境溫度

Auto Fuse Blocks 車用保險絲盒



All kinds of fuse blocks, in line with IP20-IP67 requirements.
各類保險絲盒，符合IP20-IP67要求。



High-voltage Blade Fuses 高壓片式保險絲

Rated current: 0.1A-40A

—— 額定電流

Rated voltage: 60V/80V DC 250V/350V AC

—— 額定電壓

Operating temperature: -55°C- +125°C

—— 工作環境溫度

Circuit Breakers 過載保護器



Rated current: 5A-200A

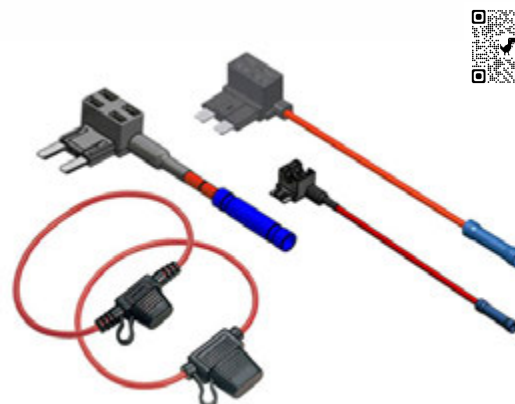
—— 額定電流

Rated voltage: 12V/14V/24V/28V/42V/58V DC

—— 額定電壓

type I、II、III

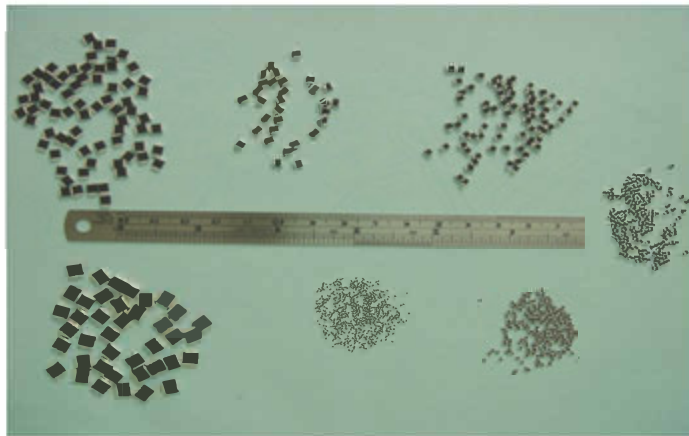
In-line Fuse Holders 車用線束保險絲座



各種防水汽車保險絲座及改裝取電器，採用高品質材料，精密工藝，生產檢驗，為消費者提供最大限度的安全保護。

Overvoltage Suppression Products

過壓保護器件



ESD Suppressors 靜電放電抑制器

Ideal for protecting high speed data line applications. Poly ESD Suppressor devices offer extremely low capacitance and small size, they ensure ESD protection while ensuring signal integrity.



Size: 0402-2220/0603x4

—— 尺寸

Capacitance: 最小 0.05pF

—— 电容

Limit the number of: >10000次

—— ESD限制次数

Response time: <0.5ns

—— 响应时间

Operating voltage: 2-24V DC/2.5V-22.5V AC

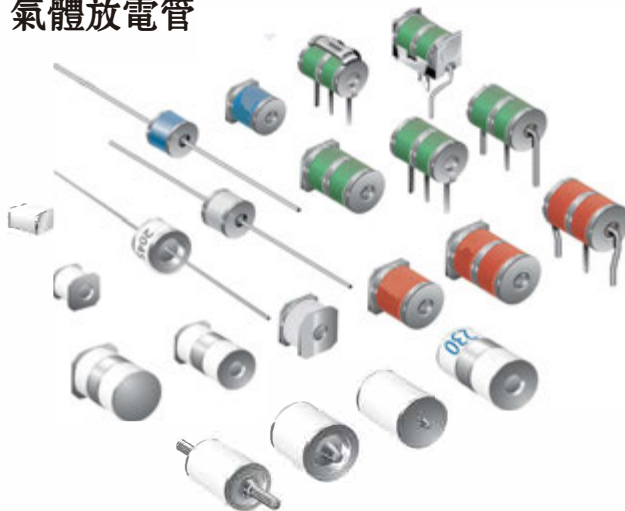
—— 工作电压

Operating temperature: -55°C- +125°C

—— 工作环境温度

Gas Discharge Tubes

氣體放電管



Gas discharge tubes (GDT) are the basic passive components. Used to protect telephone exchanges and equipment from voltage surges; they are generally installed on telephone networks by telecommunication operators.



DC sparkover voltage: 72V-660V

—— 直流擊穿電壓

Impulse sparkover voltage: ≤640V-1200V

—— 脈衝擊穿電壓

Insulation resistance: ≥10GΩ

—— 絕緣電阻

Capacitance: ≤0.3pF

—— 電容值

Holdover voltage: ≥60V-80V

—— 保持電壓

AC discharge current: 10A

—— 耐工頻電流

Impulse discharge current: 25kA(8/20μs, 1time)

—— 耐衝擊電流 15kA(8/20μs, 10time)

Operating temperature: -55°C- +125°C

—— 工作環境溫度

Surge Protective Devices

電湧保護器



Surge Protection Devices (SPD) are units combining several protection components.

They may be used by the installer or by the end customer.

They are designed to be incorporated in an installation to protect all electric, electronic, and dataprocessing equipment from transient overvoltages.



Low voltage surge protector device

—— 低壓裝置用電湧保護器

Network and alarm device for surge protection

—— 網絡及警報裝置用電湧保護器

Control room with a surge protector

—— 控制室用電湧保護器

Communication line with a surge protector

—— 通訊線路用電湧保護器

PV-specific surge protector

—— 光伏專用電湧保護器

For detailed product information, please visit www.vicfuse.com to contact us.

—— 如需產品詳細信息，請登錄 www.vicfuse.com 與我們聯系

Working temperature: -55°C- +125°C

—— 工作環境溫度

Vicfuse

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Most of our fuses and fuse holders have got CE, TÜV, UL approvals.

We have a full range of products to meet your requirements.

We can also simplify your specifications or develop products according to your requirements.

Your full satisfaction is our promise.

E. & O.E. / 本資料僅用於參考

匠心 匠人 匠品

Ingenuity, Craftsmen, and Superior Products

All of products meet different safety standards,
ideal for use in worldwide.