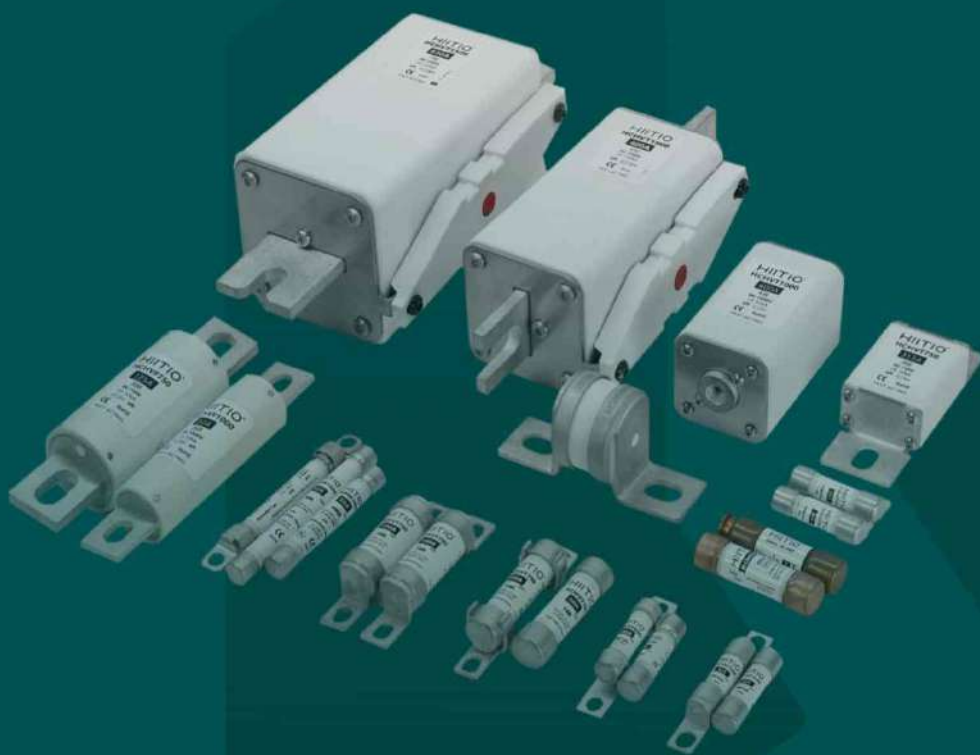


HITIO®

和诚电气



DC POWER FUSE CATALOGUE
直流熔断器产品样册

浙江和诚智能电气有限公司

ZHEJIANG HECHENG SMART ELECTRIC CO., LTD.

High-voltage DC electrical suppliers used by the world's top 500



HIITIO

浙江和诚智能电气有限公司(以下简称和诚电气)成立于2004年,现公司总部坐落于浙江省杭州市萧山区经济技术开发区知行路1125号,总部基地建筑面积30000㎡。作为全球领先的新能源行业以及工业控制解决方案供应商,目前和诚电气的另一大生产基地设在安徽明光,其中工厂占地53000㎡,厂房占地20000㎡。和诚电气专注于新能源汽车、光伏、储能以及HVAC/R行业、工业控制领域等,主要研发、生产和经营的产品有:陶瓷高压直流继电器/接触器,高压直流熔断器,空调接触器,IEC接触器,UL489断路器和隔离开关盒等,和诚电气产品均通过UL, CSA, INTERTEK, CE, CCC等认证。

和诚电气注重产品研发,公司每年营收的10%用于研发投入,2%用于IT投入,目前具备10年以上行业内工作经验的研发人员占比高达35%。

此外,和诚电气新引进先进的自动化生产线和先进的实验室检测设备,全流程严格执行IATF16949体系,PLM+ERP+MES实现工厂数字化、智能化,研发生产销售做到全过程可追踪溯源。

Zhejiang Hecheng Smart Electric Co, Ltd. (referred to as Hecheng Electric) was established in 2004 and is now headquartered at No.1125, Zhixing Road, Xiaoshan Economic and Technological Development Zone, Hangzhou City Zhejiang Province. Hecheng headquarters base 30000 square meters. Hecheng is a leading supplier of new energy industry and industrial control solutions in the world. At present, another large production base of Hecheng Electric is located in Mingguang, Anhui Province, with an area of 14 acres and a plant area of 20000 square meters. Hecheng Electric focuses on new energy vehicles, photovoltaic, energy storage, HVAC/R, industrial control, etc. Hecheng's main R&D production and operation products include: ceramic high-voltage DC relay/contactor, high-voltage DC fuse, airconditioning contactor, IEC contactor, UL 489 circuit breaker and disconnect box, etc. Hecheng's products all have passed UL, CSA, INTERTEK CE, CCC and other certifications.

Hecheng Electric aims at product research and development, 10% of the company's annual revenue is spent on R&D and 2% on IT penetration. Currently, the proportion of R&D personnel with more than 10 years of working experience in the industry is as high as 35%.

In addition, Hecheng Electric has introduced advanced automatic production lines and advanced laboratory testing equipment. We strictly implemented the IATF16949 system in the whole process. PLM + ERP + MES technology realizes the digitalization and intellectualization of the factory. The whole process of R&D, production and sales is able to be traced.



APPLICATION AREA

应用领域

新能源汽车
New Energy Vehicle

储能
Energy Storage

风电
Wind Power

光伏
Photovoltaic

充电桩、换电站
Charging Pile、Changing Station





HIITIO[®]
和诚电气

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HCEVF500 Series.50-800A/500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 500Vdc;
- ✧ Amps电流: 50-800A;
- ✧ Interrupting Capacity分断:
Max Dc: 50kA 500Vdc;
Min Dc: 200% In;

Standards / Approvals

认证/标准:

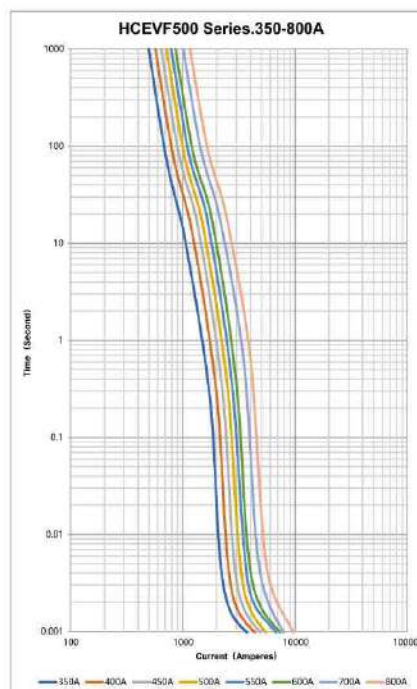
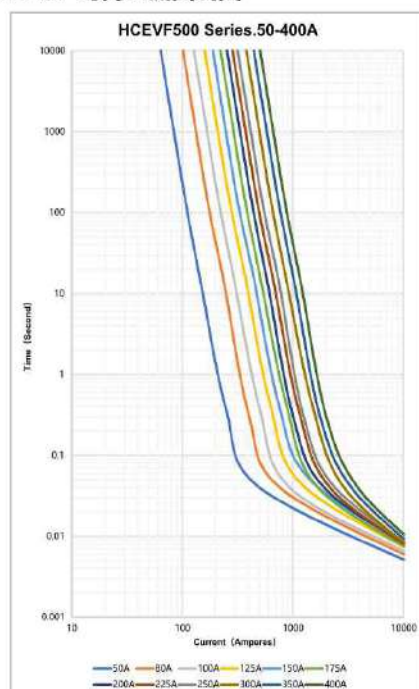
- ✧ Refer To JASO-D622/ISO8820.8/GB31465.6/UL248-20
性能参考 JASO-D622/ISO8820.8/GB31465.6/UL248-20
- ✧ CE;
- ✧ RoHS Compliant
符合RoHS。

Electrical Characteristics 电气特性

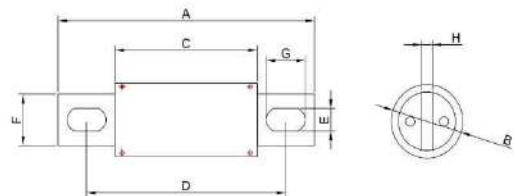
Rated Current		Catalog no.	Energy Integrals Pt		Power Loss W	Breaking Capacity
			Melting A/S	Clearing A/S		
20 mm diameter case	50	50A HCEVF500-50A-20R	386	821	1.14	50kA
	80	80A HCEVF500-80A-20R	956	2420	1.82	
	100	100A HCEVF500-100A-20R	1544	3281	2.28	
	125	125A HCEVF500-125A-20R	1663	4525	3.00	
	150	150A HCEVF500-150A-20R	2093	6516	3.60	
25 mm diameter case	100	100A HCEVF500-100A-25R	1095	2549	2.88	50kA
	125	125A HCEVF500-125A-25R	1292	3982	3.60	
	150	150A HCEVF500-150A-25R	1699	6049	4.32	
	175	175A HCEVF500-175A-25R	2310	8234	5.04	
	200	200A HCEVF500-200A-25R	3568	11242	5.76	
	225	225A HCEVF500-225A-25R	4515	14227	6.69	
	250	250A HCEVF500-250A-25R	5574	17565	7.44	
30 mm diameter case	200	200A HCEVF500-200A-30R	3372	9532	6.47	50kA
	225	225A HCEVF500-225A-30R	4267	12064	7.28	
	250	250A HCEVF500-250A-30R	5268	14893	8.08	
	300	300A HCEVF500-300A-30R	7585	21446	9.71	
	350	350A HCEVF500-350A-30R	10325	29190	11.32	
	400	400A HCEVF500-400A-30R	13485	38126	12.93	
38 mm diameter case	350	350A HCEVF500-350A-38R	10500	42900	13.44	50kA
	400	400A HCEVF500-400A-38R	14700	57200	14.40	
	450	450A HCEVF500-450A-38R	22050	79200	15.36	
	500	500A HCEVF500-500A-38R	28350	99000	16.32	
	550	550A HCEVF500-550A-38R	42000	145200	16.32	
	600	600A HCEVF500-600A-38R	52500	181500	17.28	
	650	650A HCEVF500-650A-38R	65100	232100	18.00	
51 mm diameter case	550	550A HCEVF500-550A-51R	33600	134200	22.08	50kA
	600	600A HCEVF500-600A-51R	42000	157300	23.04	
	700	700A HCEVF500-700A-51R	65100	232100	25.92	
	800	800A HCEVF500-800A-51R	91350	314600	28.80	

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

Time -Current Curve 时间电流曲线图



Dimensions (mm) 尺寸



S	Amps	A ±1.5	B ±1	C ±1	D ±1.5	E ±0.5	F ±0.5	G ±1	H ±0.5
20mm	50-150A	81.00	20.00	40.00	60.50	8.50	15.00	13.00	3.00
25mm	100-250A	92.00	25.00	53.00	72.00	8.50	18.00	12.00	3.00
30mm	200-400A	92.00	31.00	53.00	73.00	8.50	25.00	14.00	4.80
38mm	350-600A	110.00	38.00	53.00	81.50	10.50	25.00	20.00	6.00
51mm	550-800A	110.00	51.00	53.00	81.50	10.50	40.00	20.00	6.00

HCHVF500 Series.35-800A/500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 500Vdc;
- ✧ Amps电流: 35-800A;
- ✧ Interrupting Capacity分断:
Max Dc: 50kA 500Vdc;
Class of Operation:aR

Standards / Approvals

认证/标准:

- ✧ Refer To UL248.13/IEC60269.6/GB31465.6/JASO-D622/ISO8820.8;
性能参考 UL248.13/IEC60269.6/GB31465.6/JASO-D622/ISO8820.8;
- ✧ UL, CE;
- ✧ RoHS Compliant
符合RoHS。

Fuse Ratings 额定参数



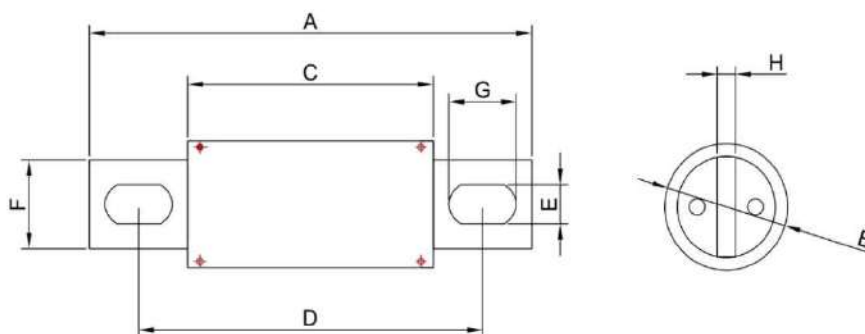
UL US

Rated Current		Catalog no.	Average @50KA/500Vdc		Power Loss W	Breaking Capacity
			Melting A²S	Clearing A²S	1.0In	
20 mm diameter case						
35	35A	HCHVF500-35A-20R	35	159	6	50kA
40	40A	HCHVF500-40A-20R	79	339	8	
50	50A	HCHVF500-50A-20R	165	820	8	
60	60A	HCHVF500-60A-20R	218	954	11	
26 mm diameter case						
70	70A	HCHVF500-70A-26R	218	954	11	50kA
80	80A	HCHVF500-80A-26R	317	1484	14	
90	90A	HCHVF500-90A-26R	374	1696	16	
100	100A	HCHVF500-100A-26R	494	2120	18	
125	125A	HCHVF500-125A-26R	980	4370	20	
150	150A	HCHVF500-150A-26R	1340	5250	24	
31 mm diameter case						
125	125A	HCHVF500-125A-31R	832	3710	27	50kA
150	150A	HCHVF500-150A-31R	1144	4876	30	
175	175A	HCHVF500-175A-31R	1508	6572	34	
200	200A	HCHVF500-200A-31R	1976	9010	40	
225	225A	HCHVF500-225A-31R	4970	20550	45	
250	250A	HCHVF500-250A-31R	8420	39700	49	
38 mm diameter case						
225	225A	HCHVF500-225A-38R	4784	24698	42	50kA
250	250A	HCHVF500-250A-38R	6552	34132	44	
275	275A	HCHVF500-275A-38R	8216	42718	49	
300	300A	HCHVF500-300A-38R	10192	52788	55	
325	325A	HCHVF500-325A-38R	14248	67628	57	
350	350A	HCHVF500-350A-38R	15080	77274	62	
400	400A	HCHVF500-400A-38R	19968	102502	66	
450	450A	HCHVF500-450A-38R	27500	145900	74	
51 mm diameter case						
450	450A	HCHVF500-450A-51R	25688	134620	70	50kA
500	500A	HCHVF500-500A-51R	30368	157940	85	
600	600A	HCHVF500-600A-51R	42952	218360	100	
630	630A	HCHVF500-630A-51R	52725	245600	107	
700	700A	HCHVF500-700A-51R	104200	396500	120	
800	800A	HCHVF500-800A-51R	115600	435000	145	

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

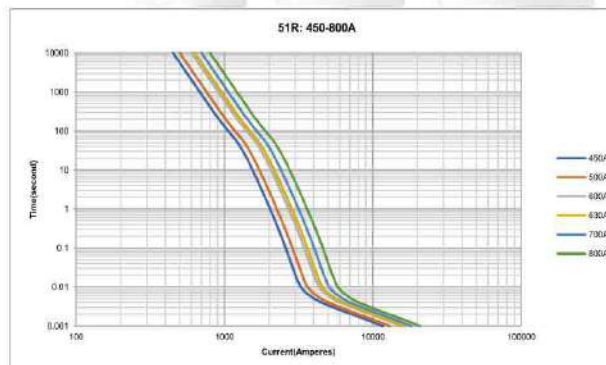
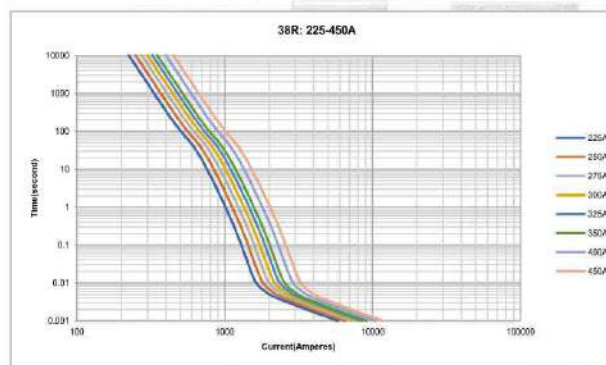
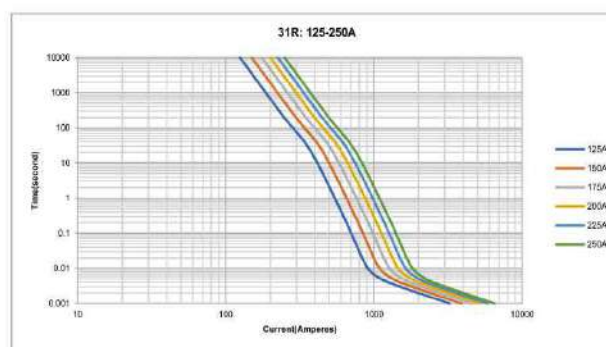
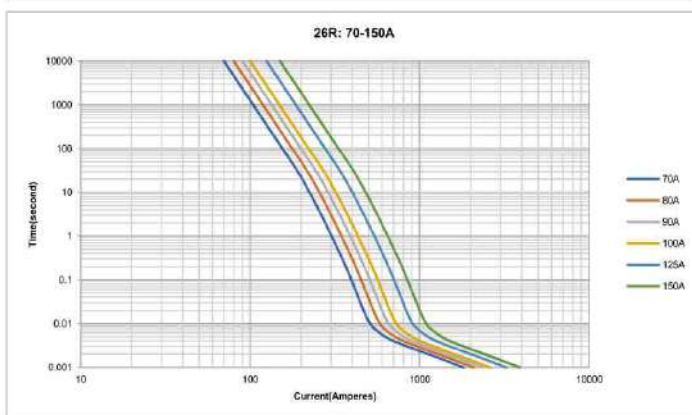
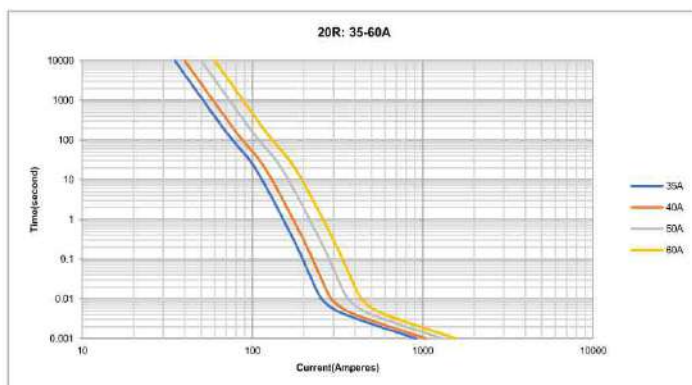
HCHVF500 Series.35-800A/500Vdc(Fast-Acting)

Dimensions (mm) 尺寸



S.	Amps	A±1.5	B±1	C±1	D±1.5	E±0.5	F±0.5	H±1	G±0.5
20R	35-60A	81	20	40	60.5	8.5	15	3	13
26R	70-150A	92	26	44	68.5	8.5	20	3	13
31R	125-250A	92	31	46	72.5	8.5	25	6	12.5
38R	225-450A	110	38	53	81.5	10.5	25	6	20
51R	450-800A	110	51	53	81.5	10.5	40	6	20

Time -Current Curve 时间电流曲线图



HCHVF750 Series.35-800A/750Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 750Vdc;
- ✧ Amps电流: 35-800A;
- ✧ Interrupting Capacity分断:
Max Dc: 50kA 750Vdc;
Class of Operation:aR

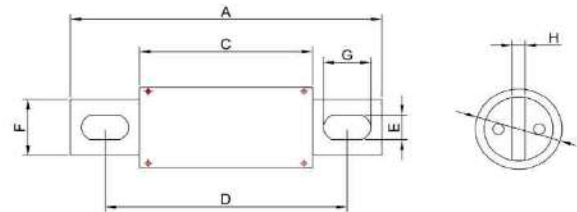
Standards / Approvals

认证/标准:

- ✧ Refer To UL248.13/IEC60269.6/GB31465.6/JASO-D622/ISO8820.8;
性能参考 UL248.13/IEC60269.6/GB31465.6/JASO-D622/ISO8820.8;
- ✧ UL, CE;
- ✧ RoHS Compliant
符合RoHS。



Dimensions (mm) 尺寸

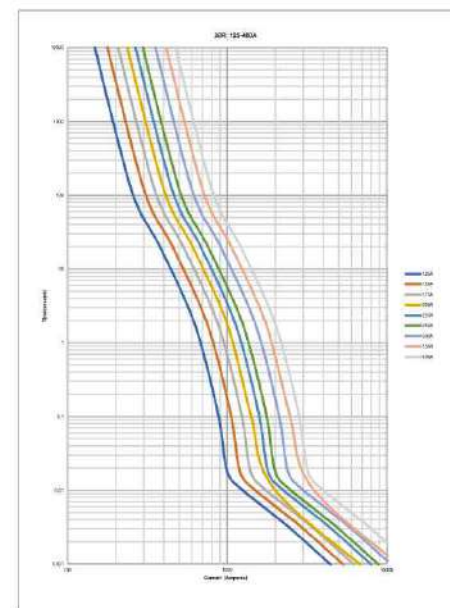


S.	Amps	A±1.5	B±1	C±1	D±1.5	E±0.5	F±0.5	H±0.5	G±0.5
20R	35-60A	111.00	20.00	70.00	90.50	8.50	15.00	3.00	13.0
26R	70-150A	114.00	26.00	66.00	90.00	8.50	20.00	3.00	12.0
38R	125-400A	129.00	38.00	72.00	100.50	10.50	25.00	6.00	20.0
51R	225-800A	129.00	51.00	72.00	100.50	10.50	40.00	6.00	20.0

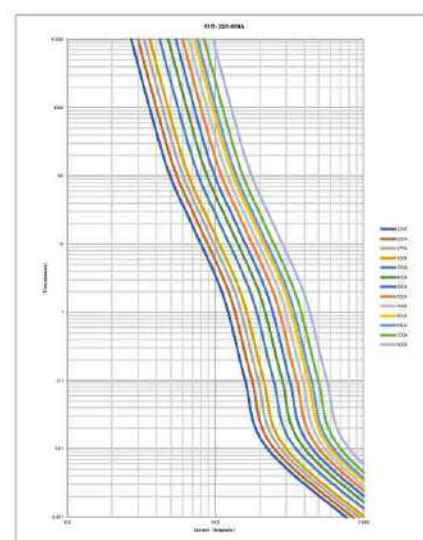
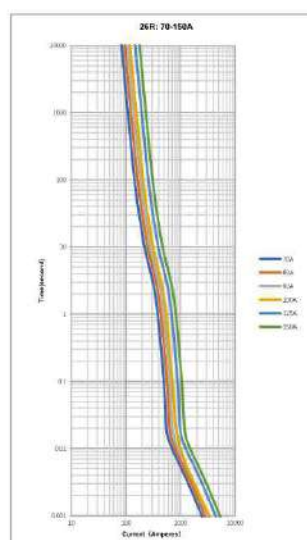
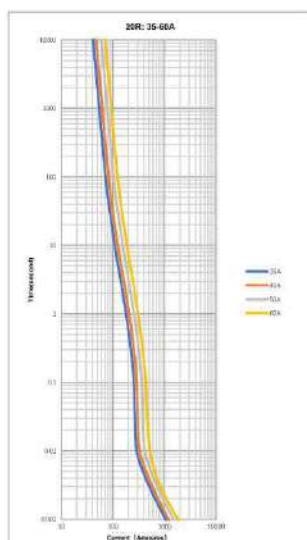
Fuse Ratings 额定参数

Rated Current		Catalog no.	Average @50KA/750Vdc		Power Loss W	Breaking Capacity
			Melting A°S	Clearing A°S	1.0InW Max	
20 mm diameter case						
35	35A	HCHVF750-35A-20R	35	168	13	50kA
40	40A	HCHVF750-40A-20R	78	336	13	
50	50A	HCHVF750-50A-20R	139	630	13	
60	60A	HCHVF750-60A-20R	216	998	17	
26 mm diameter case						
70	70A	HCHVF750-70A-26R	314	2100	19	50kA
80	80A	HCHVF750-80A-26R	371	2520	23	
90	90A	HCHVF750-90A-26R	427	2835	27	
100	100A	HCHVF750-100A-26R	556	3675	29	
125	125A	HCHVF750-125A-26R	1889	7933	32	
150	150A	HCHVF750-150A-26R	3032	12654	40	
38 mm diameter case						
125	125A	HCHVF750-125A-38R	1854	7665	30	50kA
150	150A	HCHVF750-150A-38R	2987	12285	35	
175	175A	HCHVF750-175A-38R	4326	17535	38	
200	200A	HCHVF750-200A-38R	5685	22680	46	
225	225A	HCHVF750-225A-38R	8090	33271	54	
250	250A	HCHVF750-250A-38R	11031	45176	65	
300	300A	HCHVF750-300A-38R	18491	75683	80	
350	350A	HCHVF750-350A-38R	24899	100733	93	
400	400A	HCHVF750-400A-38R	32569	131000	102	
51 mm diameter case						
225	225A	HCHVF750-225A-51R	7931	32239	49	50kA
250	250A	HCHVF750-250A-51R	10815	43775	52	
275	275A	HCHVF750-275A-51R	14100	52390	56	
300	300A	HCHVF750-300A-51R	18128	73336	68	
350	350A	HCHVF750-350A-51R	24411	98468	78	
400	400A	HCHVF750-400A-51R	31930	128750	103	
450	450A	HCHVF750-450A-51R	37492	141110	115	
500	500A	HCHVF750-500A-51R	46556	175100	122	
550	550A	HCHVF750-550A-51R	53045	199206	133	
600	600A	HCHVF750-600A-51R	68701	257500	140	
630	630A	HCHVF750-630A-51R	69340	285500	147	
700	700A	HCHVF750-700A-51R	76500	347600	165	
800	800A	HCHVF750-800A-51R	93560	415000	190	

Time - Current Curve 时间电流曲线图



DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;



HCHVF1000 Series.30-800A/1000Vdc(Fast-Acting)

Dc Power Fuses
North American Style

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 1000Vdc;
- ✧ Amps电流: 30-800A;
- ✧ Interrupting Capacity分断:
Max Dc: 50kA 1000Vdc;

Standards / Approvals

认证/标准:

- ✧ Refer To UL248.13/IEC60269.6/GB31465.6/JASO-D622/ISO8820.8;
性能参考 UL248.13/IEC60269.6/GB31465.6/JASO-D622/ISO8820.8;
- ✧ UL, CE;
- ✧ RoHS Compliant
符合RoHS。



Fuse Ratings 额定参数

Rated Current			Catalog no.	Energy Integrals I ² t		Watts Loss 1.0In Max	Breaking Capacity
				Melting A ² S	Clearing A ² S	<u>1.0In</u> <u>Max</u>	
26 mm diameter case	30	30A	HCHVF1000-30A-26R	157.5	1600	6.5	50kA
	35	35A	HCHVF1000-35A-26R	218.4	2060	7.2	
	40	40A	HCHVF1000-40A-26R	312	2575	8.2	
	50	50A	HCHVF1000-50A-26R	488.8	3605	10.3	
	60	60A	HCHVF1000-60A-26R	696.8	5150	11.3	
	70	70A	HCHVF1000-70A-26R	1144	7107	12.4	
	80	80A	HCHVF1000-80A-26R	1612	9991	13.4	
	90	90A	HCHVF1000-90A-26R	1976	12360	14.4	
	100	100A	HCHVF1000-100A-26R	2912	18025	15.5	
	125	125A	HCHVF1000-125A-26R	4536	35577.5	19.0	
	150	150A	HCHVF1000-150A-26R	6218	44298	30.3	

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

Rated Current			Catalog no.	Energy Integrals I ² t		Watts Loss	Breaking Capacity
				Melting A ² S	Clearing A ² S	1.0In Max	
38 mm diameter case	125	125A	HCHVF1000-125A-38R	5040	37450	17.6	50kA
	150	150A	HCHVF1000-150A-38R	6615	48150	27.5	
	175	175A	HCHVF1000-175A-38R	7875	69550	33.0	
	200	200A	HCHVF1000-200A-38R	12285	85600	35.2	
	225	225A	HCHVF1000-225A-38R	14320	96780	45.0	
	250	250A	HCHVF1000-250A-38R	15624	118642	59.4	
	300	300A	HCHVF1000-300A-38R	25415	173725	66.5	
	350	350A	HCHVF1000-350A-38R	34477	243462	73.7	
	400	400A	HCHVF1000-400A-38R	43083	336630	79.4	

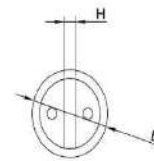
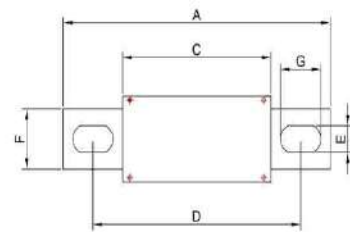
DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

Rated Current			Catalog no.	Energy Integrals I ² t		Watts Loss 1.0In Max	Breaking Capacity
				Melting A ² S	Clearing A ² S		
51 mm diameter case	225	225A	HCHVF1000-225A-51R	14320	96780	45.0	50kA
	250	250A	HCHVF1000-250A-51R	16800	119840	55.0	
	300	300A	HCHVF1000-300A-51R	24675	175480	61.6	
	350	350A	HCHVF1000-350A-51R	34650	247170	68.2	
	400	400A	HCHVF1000-400A-51R	45350	343500	73.5	
	450	450A	HCHVF1000-450A-51R	50460	375000	85.5	
	500	500A	HCHVF1000-500A-51R	55545	390978	104.5	
	600	600A	HCHVF1000-600A-51R	64050	556400	115.5	
	630	630A	HCHVF1000-630A-51R	71980	582400	125.0	
	700	700A	HCHVF1000-700A-51R	175350	660300	160.0	
	800	800A	HCHVF1000-800A-51R	207900	827700	185.0	

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

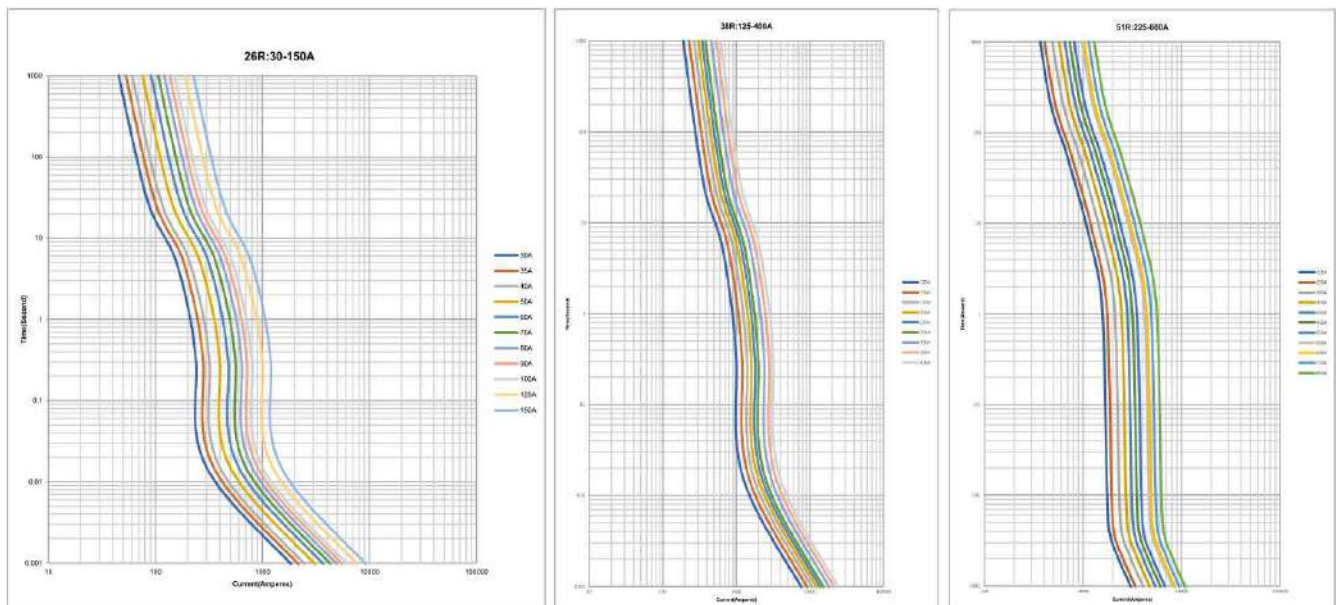


Dimensions (mm)尺寸



S	Amps	A±.5	B±1	C±1	D±1.5	E±1.5	F±0.5	H±0.5	G±0.5
26R	30-150A	127.00	26.00	79.00	103.00	8.50	20.00	3.00	13.00
38R	125-400A	142.00	38.00	85.00	113.50	10.50	25.00	6.00	20.00
51R	225-800A	145.00	51.00	88.00	116.50	10.50	40.00	6.00	20.00

Time-Current Curve 时间电流曲线图



HCHVT750-36E Series 000#.25-315A/750Vdc(Fast-Acting)

Square body fuse links

Size: 000

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 750Vdc;
- ✧ Amps电流: 25-315A;
- ✧ Interrupting Capacity分断:
Max Dc: 750vdc 50kA;(or less)
Min $\geq 3.0 I_n$;

Standards / Approvals

认证/标准:

- ✧ Refer To UL248.1/ UL248.13
IEC60269.1/ IEC60269.4
- 性能参考 UL248.13及IEC60269.4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH 声明;
- ✧ RoHS Compliant
符合RoHS。

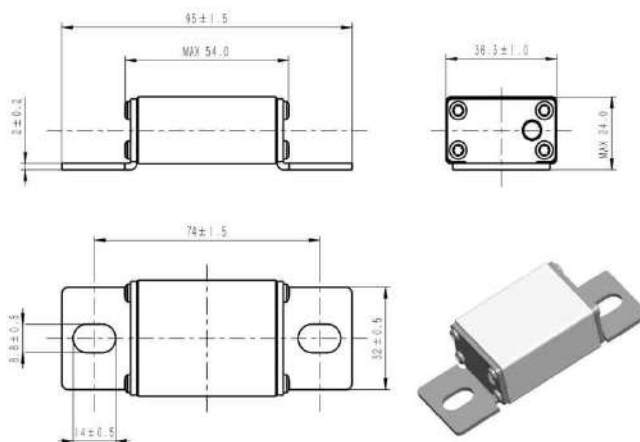
Fuse Ratings 额定参数

Part No.	Fuse Amps	Breaking Capacity	Average @50KA/750Vdc		Power Loss (W) 100%	Installation torque
			A's Melting	A's Clearing		
HCHVT750-25A-36E	25	50kA	32	96	8	11.0 $\pm$ 1.0 Nm
HCHVT750-32A-36E	32	50kA	46	138	9	11.0 $\pm$ 1.0 Nm
HCHVT750-40A-36E	40	50kA	81	254	10	11.0 $\pm$ 1.0 Nm
HCHVT750-50A-36E	50	50kA	148	490	13	11.0 $\pm$ 1.0 Nm
HCHVT750-63A-36E	63	50kA	310	1070	15	11.0 $\pm$ 1.0 Nm
HCHVT750-80A-36E	80	50kA	535	1890	18	11.0 $\pm$ 1.0 Nm
HCHVT750-100A-36E	100	50kA	870	3140	20	11.0 $\pm$ 1.0 Nm
HCHVT750-125A-36E	125	50kA	1450	5465	24	11.0 $\pm$ 1.0 Nm
HCHVT750-160A-36E	160	50kA	2740	10460	26	11.0 $\pm$ 1.0 Nm
HCHVT750-200A-36E	200	50kA	4560	18280	32	11.0 $\pm$ 1.0 Nm
HCHVT750-225A-36E	225	50kA	5400	22340	35	11.0 $\pm$ 1.0 Nm
HCHVT750-250A-36E	250	50kA	7520	32550	38	11.0 $\pm$ 1.0 Nm
HCHVT750-315A-36E	315	50kA	13230	58900	44	11.0 $\pm$ 1.0 Nm
*HCHVT750-350A-36E	*350	50kA	18145	78650	48	11.0 $\pm$ 1.0 Nm
*HCHVT750-400A-36E	*400	50kA	17500	84000	53	11.0 $\pm$ 1.0 Nm

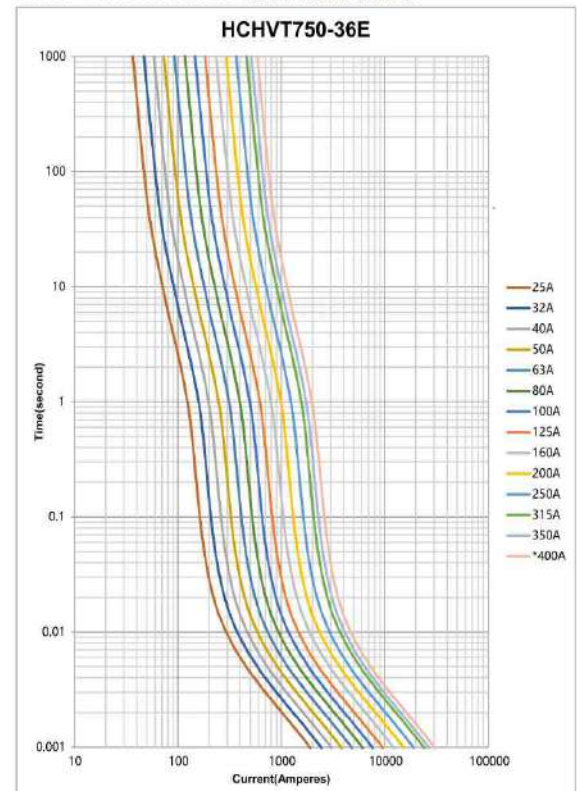
*: If there are any requirements, please communicate with the original factory staff first.

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

Dimensions (mm) 尺寸:



Time-Current Curve 时间电流曲线图:



1: The accuracy of the characteristic curve is $\pm 15\%$ of the current direction error;
2: Minimum breaking current: 3.0 In

HCHVT1000-36E Series 000#.25-250A/1000Vdc(Fast-Acting)

Square body fuse links

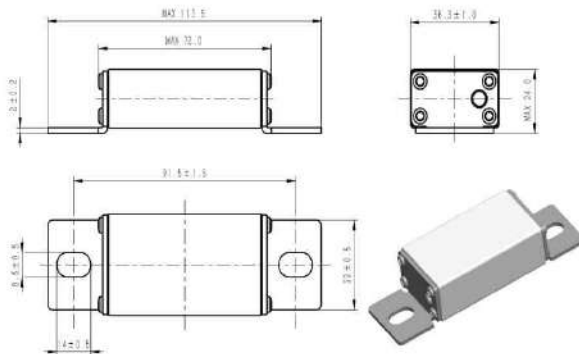
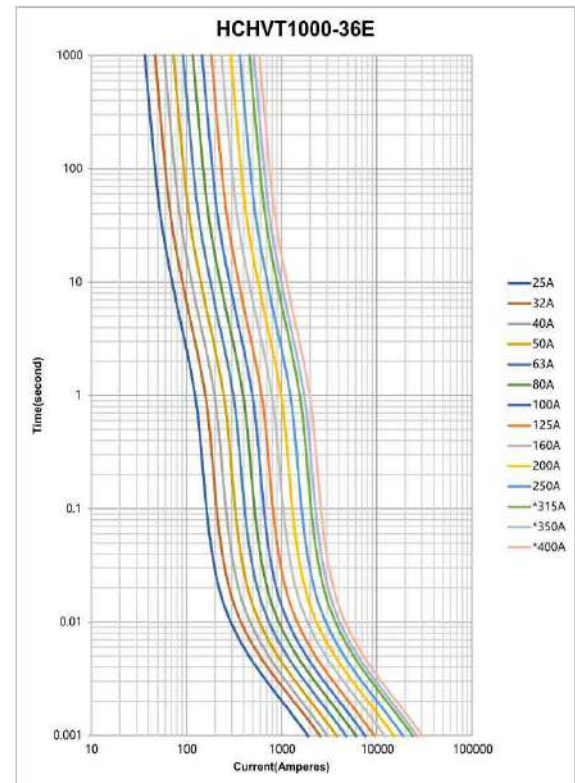
Size: 000

Ratings&Features Applications**电气参数/功能应用领域:**

- ✧ Volts电压: 1000Vdc;
- ✧ Amps电流: 25-250A;
- ✧ Interrupting Capacity分断:
Max Dc: 1000vdc 50kA;(or less)
Min $\geq 3.0 I_n$;

Standards / Approvals**认证/标准:**

- ✧ Refer To UL248.1/ UL248.13
IEC60269.1/ IEC60269.4
- 性能参考 UL248.13及IEC60269.4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH 声明;
- ✧ RoHS Compliant
符合RoHS。

Dimensions (mm) 尺寸:**Time-Current Curve 时间电流曲线图:**

- 1: The accuracy of the characteristic curve is $\pm 15\%$ of the current direction error;
2: Minimum breaking current: 3.0 In

Fuse Ratings 额定参数

Part No.	Fuse Amps	Breaking Capacity	Average @50KA/ 1000Vdc		Power Loss (W) 100%	Installation torque
			A ² s Melting	A ² t Clearing		
HCHVT1000-25A-36E	25	50kA	21	105	8	11.0±1.0 N·m
HCHVT1000-32A-36E	32	50kA	38	185	10	11.0±1.0 N·m
HCHVT1000-40A-36E	40	50kA	68	325	12	11.0±1.0 N·m
HCHVT1000-50A-36E	50	50kA	155	745	16	11.0±1.0 N·m
HCHVT1000-63A-36E	63	50kA	305	1450	20	11.0±1.0 N·m
HCHVT1000-80A-36E	80	50kA	560	2480	22	11.0±1.0 N·m
HCHVT1000-100A-36E	100	50kA	960	4820	25	11.0±1.0 N·m
HCHVT1000-125A-36E	125	50kA	1640	8950	27	11.0±1.0 N·m
HCHVT1000-160A-36E	160	50kA	4100	18750	36	11.0±1.0 N·m
HCHVT1000-200A-36E	200	50kA	9560	39700	39	11.0±1.0 N·m
HCHVT1000-225A-36E	225	50kA	11780	54700	42	11.0±1.0 N·m
HCHVT1000-250A-36E	250	50kA	14500	70590	45	11.0±1.0 N·m

*: If there are any requirements, please communicate with the original factory staff first.

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

HCHVT500-A-43E Series. 50-630A/500Vdc(Fast-Acting)

Square body fuse links

High speed fuses

Size: 01*

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 500Vdc;
- ✧ Amps电流: 50-630A;
- ✧ Interrupting Capacity分断:
500Vdc 50kA (L/R ≤ 2ms)
Min BC: > 3 In;
Class Type产品类别: aR

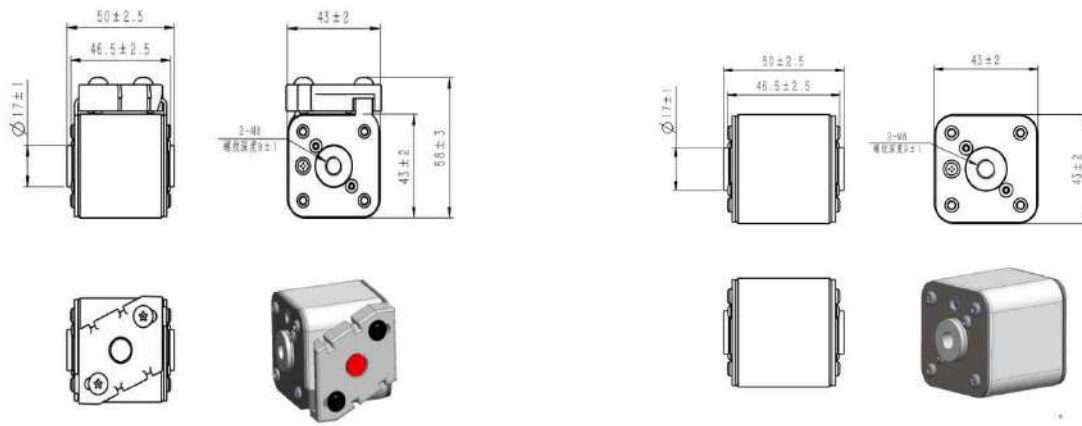
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
IEC 60269.1/IEC 60269.4
性能参考UL 248-13, IEC 60269-4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
RoHS Compliant.
符合RoHS.



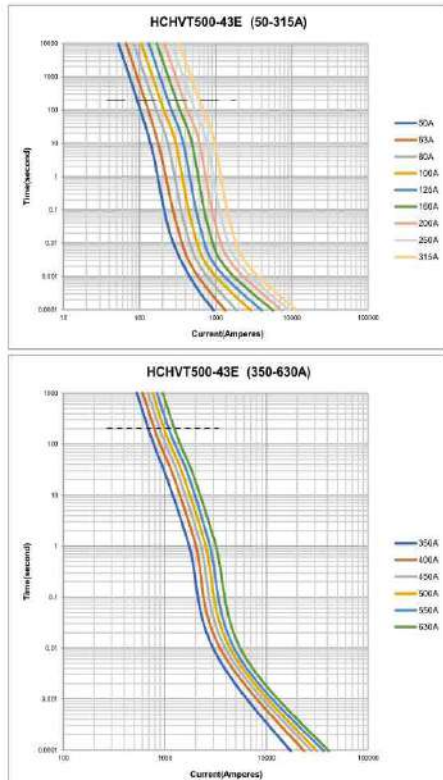
Dimensions (mm) 尺寸:



HCHVT500-XXXA-43E

HCHVT500-XXXAN-43E

Time-Current Curve 时间电流曲线图:



Fuse Ratings 额定参数

Part No.	Fuse Amps	Size	Average @ 50KA/500Vdc		Power Loss (W) 1.0In
			A's Melting	A's Clearing	
HCHVT500-50A-43E	50	01*	126	995	9
HCHVT500-63A-43E	63	01*	212	1,679	13
HCHVT500-80A-43E	80	01*	345	2,699	17
HCHVT500-100A-43E	100	01*	640	5,020	19
HCHVT500-125A-43E	125	01*	1,135	8,940	23
HCHVT500-160A-43E	160	01*	1,920	15,135	29
HCHVT500-200A-43E	200	01*	3,480	27,383	36
HCHVT500-250A-43E	250	01*	5,770	45,210	44
HCHVT500-315A-43E	315	01*	9,760	76,920	55
HCHVT500-350A-43E	350	01*	13,840	108,450	58
HCHVT500-400A-43E	400	01*	19,280	151,350	65
HCHVT500-450A-43E	450	01*	25,900	203,500	72
HCHVT500-500A-43E	500	01*	33,450	262,500	80
HCHVT500-550A-43E	550	01*	45,040	352,800	85
HCHVT500-630A-43E	630	01*	65,500	497,500	97

*: If there are any requirements, please communicate with the original factory staff first.

Optional base indicator, the standard product is the "Default" configuration.

Default: A--with fuse indication, e.g.: HCHVT500-400A-43E;

Optional: AN--without fuse indication, e.g.: HCHVT500-400AN-43E;

1: The accuracy of the characteristic curve is ±15% of the current direction error;
2: Minimum breaking current: 3.0 In

HCHVT500-B-43E Series. 50-630A/500Vdc(Fast-Acting)

Square body fuse links

High speed fuses

Size: 01*

Ratings&Features Applications

电气参数/功能应用领域:

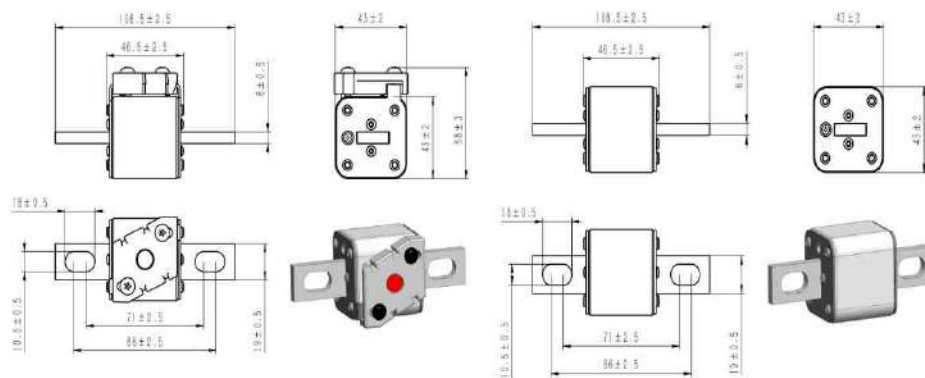
- ✧ Volts电压: 500Vdc;
- ✧ Amps电流: 50-630A;
- ✧ Interrupting Capacity分断:
500Vdc 50kA (L/R ≤ 2ms)
- Min BC: > 3 In;
- Class Type产品类别: aR

Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
IEC 60269.1/IEC 60269.4
性能参考UL 248-13, IEC 60269-4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
RoHS Compliant.
符合RoHS。

Dimensions (mm) 尺寸:

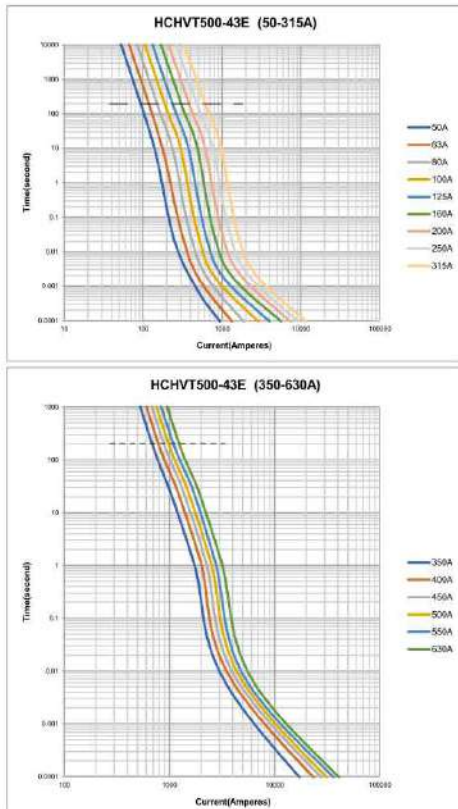


HCHVT500-XXXB-43E

HCHVT500-XXXBN-43E



Time-Current Curve 时间电流曲线图:



Fuse Ratings 额定参数

Part No.	Fuse Amps	Size	Average @ 50KA/500Vdc		Power Loss (W) 1.0In
			A ² s Melting	A ² s Clearing	
HCHVT500-50B-43E	50	01*	126	995	9
HCHVT500-63B-43E	63	01*	212	1,679	13
HCHVT500-80B-43E	80	01*	345	2,699	17
HCHVT500-100B-43E	100	01*	640	5,020	19
HCHVT500-125B-43E	125	01*	1,135	8,940	23
HCHVT500-160B-43E	160	01*	1,920	15,135	29
HCHVT500-200B-43E	200	01*	3,480	27,383	36
HCHVT500-250B-43E	250	01*	5,770	45,210	44
HCHVT500-315B-43E	315	01*	9,760	76,920	55
HCHVT500-350B-43E	350	01*	13,840	108,450	58
HCHVT500-400B-43E	400	01*	19,280	151,350	65
HCHVT500-450B-43E	450	01*	25,900	203,500	72
HCHVT500-500B-43E	500	01*	33,450	262,500	80
HCHVT500-550B-43E	550	01*	45,040	352,800	85
HCHVT500-630B-43E	630	01*	65,500	497,500	97

*: If there are any requirements, please communicate with the original factory staff first.

Optional base indicator, the standard product is the "Default" configuration.

Default: B--with fuse indication, e.g.: HCHVT500-400B-43E;

Optional: BN--without fuse indication, e.g.: HCHVT500-400BN-43E;

1: The accuracy of the characteristic curve is ±15% of the current direction error;

2: Minimum breaking current: 3.0 In

HCHVT750-A-43E Series.100-400A/750Vdc(Fast-Acting)

Square body fuse links

High speed fuses

Size: 01*

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 750Vdc;
- ✧ Amps 电流: 100-400A;
- ✧ Interrupting Capacity 分断:
750Vdc 50kA (L/R≤2ms) ;
Min BC: > 3 In;
- Class Type产品类别: aR

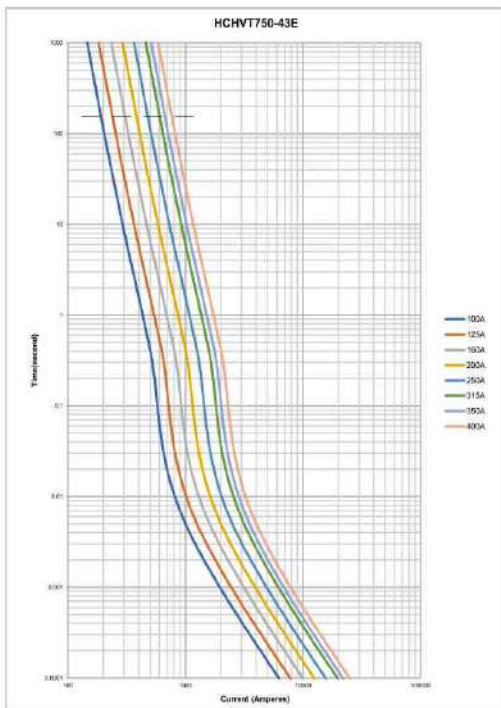
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
IEC 60269.1/IEC 60269.4
性能参考UL 248-13, IEC 60269-4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
RoHS Compliant.
符合RoHS.

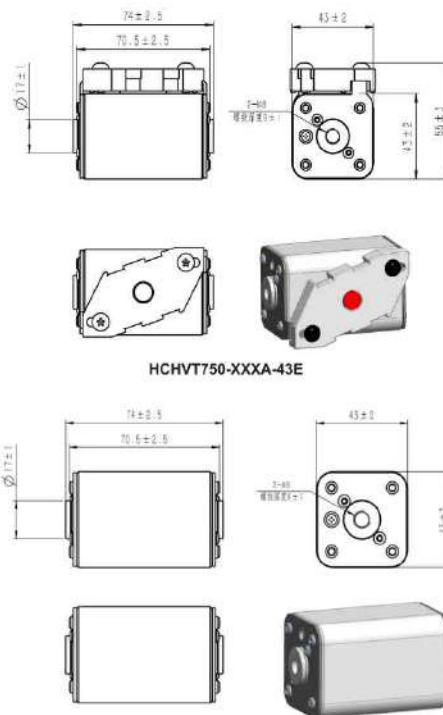


Time-Current Curve 时间电流曲线图



- 1: The accuracy of the characteristic curve is $\pm 15\%$ of the current direction error;
- 2: Minimum breaking current: 3.0 In

Dimensions (mm) 尺寸



HCHVT750-XXXAN-43E

Fuse Ratings 额定参数

Part No.	Fuse Amps	Size	Average @ 50KA/750Vdc		Power Loss (W) 1.0In
			A ² s Melting	A ² s Clearing	
HCHVT750-100A-43E	100	01*	688	5,250	30
HCHVT750-125A-43E	125	01*	1,295	9,665	34
HCHVT750-160A-43E	160	01*	2,230	17,468	40
HCHVT750-200A-43E	200	01*	4,310	32,470	45
HCHVT750-250A-43E	250	01*	7,350	56,210	52
HCHVT750-315A-43E	315	01*	14,100	110,070	60
HCHVT750-350A-43E	350	01*	20,060	151,650	65
HCHVT750-400A-43E	400	01*	29,065	220,120	73

*: If there are any requirements, please communicate with the original factory staff first.

Optional base indicator, the standard product is the "Default" configuration.

Default: A--with fuse indication, e.g.: HCHVT750-400A-43E;

Optional: AN--without fuse indication, e.g.: HCHVT750-400AN-43E;

HCHVT750-B-43E Series.100-400A/750Vdc(Fast-Acting)

Square body fuse links

High speed fuses

Size: 01*

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 750Vdc;
- ✧ Amps 电流: 100-400A;
- ✧ Interrupting Capacity 分断:
750Vdc 50kA (L/R≤2ms) ;
Min BC: > 3 In;
- Class Type产品类别: aR

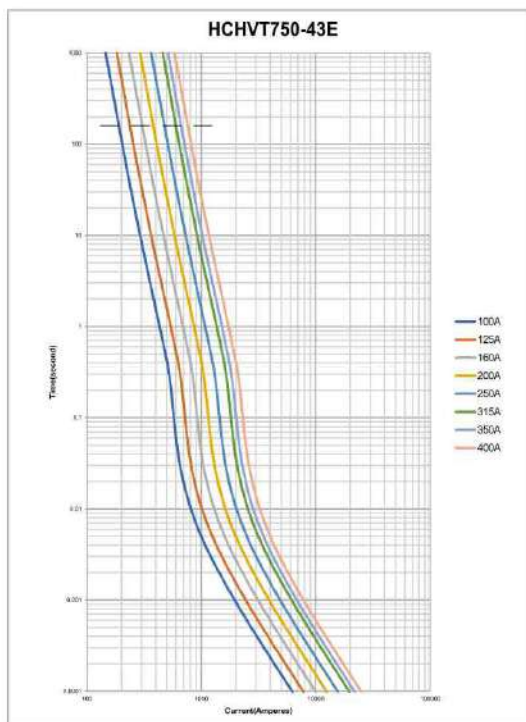
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
IEC 60269.1/IEC 60269.4
性能参考UL 248-13, IEC 60269-4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
RoHS Compliant.
符合RoHS。

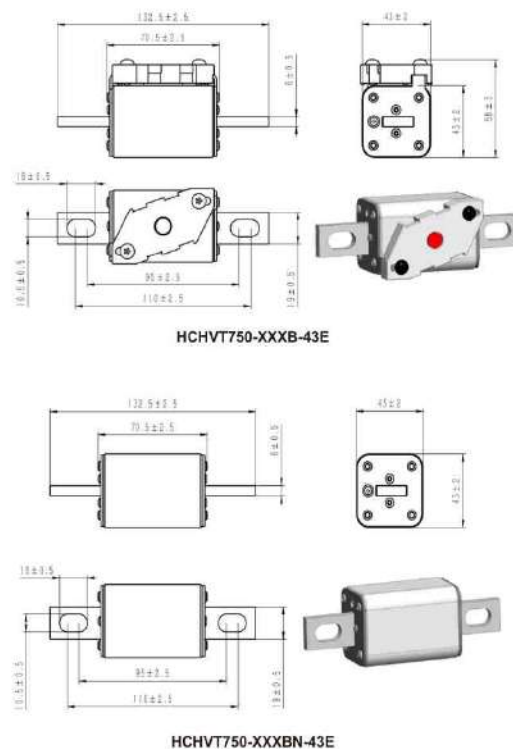


Time-Current Curve 时间电流曲线图



- 1: The accuracy of the characteristic curve is $\pm 5\%$ of the current direction error;
2: Minimum breaking current: 3.0 In

Dimensions (mm) 尺寸



Fuse Ratings 额定参数

Part No.	Fuse Amps	Size	Average @ 50KA/750Vdc		Power Loss (W) 1.0In
			A's Melting	A's Clearing	
HCHVT750-100B-43E	100	01*	688	5,250	30
HCHVT750-125B-43E	125	01*	1,295	9,665	34
HCHVT750-160B-43E	160	01*	2,230	17,468	40
HCHVT750-200B-43E	200	01*	4,310	32,470	45
HCHVT750-250B-43E	250	01*	7,350	56,210	52
HCHVT750-315B-43E	315	01*	14,100	110,070	60
HCHVT750-350B-43E	350	01*	20,060	151,650	65
HCHVT750-400B-43E	400	01*	29,065	220,120	73

*: If there are any requirements, please communicate with the original factory staff first.

Optional base indicator, the standard product is the "Default" configuration.

Default: B--with fuse indication, e.g.: HCHVT750-400B-43E;

Optional: BN--without fuse indication, e.g.: HCHVT750-400BN-43E;

HCHVT1000-A-43E Series.50-400A/1000Vdc(Fast-Acting)

Square body fuse links

High speed fuses

Size: 01*

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 1000Vdc;
- ✧ Amps 电流: 50-400A;
- ✧ Interrupting Capacity 分断:
1000Vdc 50kA (L/R≤2ms) ;
Min BC: > 3 In;
Class Type产品类别: aR

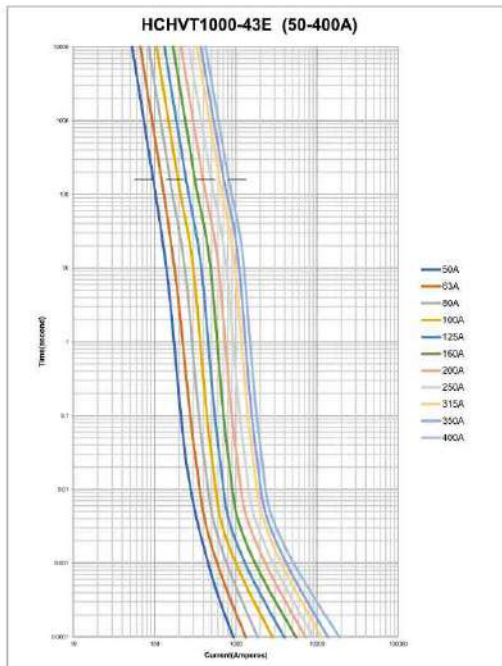
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
IEC 60269.1/IEC 60269.4
性能参考UL 248-13, IEC 60269-4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
RoHS Compliant.
符合RoHS。

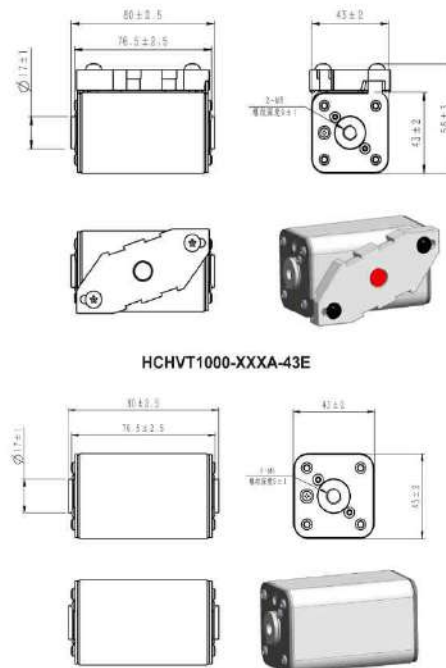


Time-Current Curve 时间电流曲线图



- 1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 3.0 In

Dimensions (mm) 尺寸



Fuse Ratings 额定参数

Part No.	Fuse	Size	Average @ 50KA/1000Vdc		Power Loss (W) 1.0In
	Amps		A ² s Melting	A ² s Clearing	
HCHVT1000-50A-43E	50	01*	137	1,000	16
HCHVT1000-63A-43E	63	01*	215	1,620	19
HCHVT1000-80A-43E	80	01*	410	3,145	23
HCHVT1000-100A-43E	100	01*	740	5,645	29
HCHVT1000-125A-43E	125	01*	1,460	10,860	34
HCHVT1000-160A-43E	160	01*	2,535	19,850	41
HCHVT1000-200A-43E	200	01*	5,070	38,200	46
HCHVT1000-250A-43E	250	01*	8,970	68,550	51
HCHVT1000-315A-43E	315	01*	18,200	142,950	61
HCHVT1000-350A-43E	350	01*	26,400	199,500	66
HCHVT1000-400A-43E	400	01*	38,750	293,500	74

*: If there are any requirements, please communicate with the original factory staff first.

Optional base indicator, the standard product is the "Default" configuration.

Default: A--with fuse indication, e.g.: HCHVT1000-400A-43E;

Optional: AN--without fuse indication, e.g.: HCHVT1000-400AN-43E;

HCHVT1000-B-43E Series.50-400A/1000Vdc(Fast-Acting)

Square body fuse links

High speed fuses

Size: 01*

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 1000Vdc;
- ✧ Amps 电流: 50-400A;
- ✧ Interrupting Capacity 分断:
1000Vdc 50kA (L/R≤2ms) ;
Min BC: > 3 In;
Class Type产品类别: aR

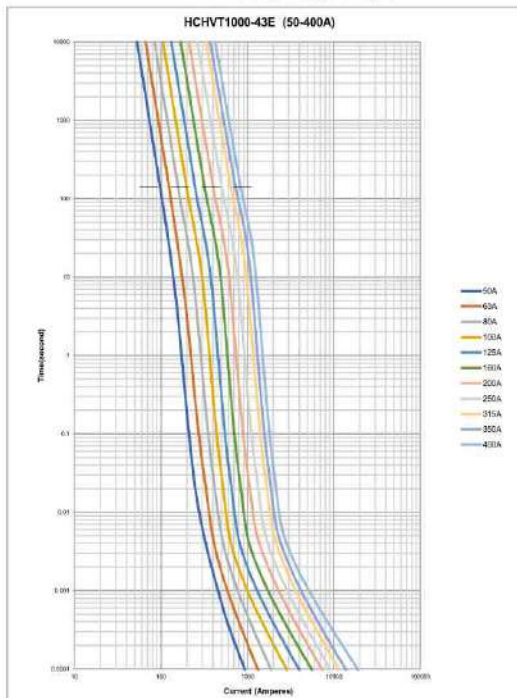
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
IEC 60269.1/IEC 60269.4
性能参考UL 248-13, IEC 60269-4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
RoHS Compliant.
符合RoHS。

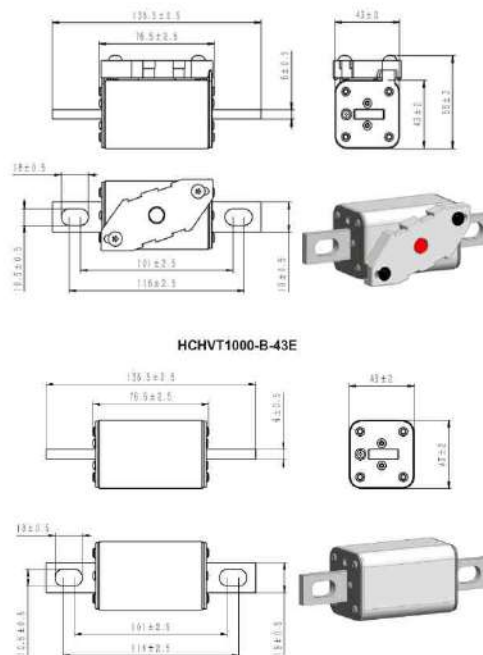


Time-Current Curve 时间电流曲线图



1: The accuracy of the characteristic curve is $\pm 5\%$ of the current direction error;
2: Minimum breaking current: 3.0 In

Dimensions (mm) 尺寸



HCHVT1000-BN-43E

Fuse Ratings 额定参数

Part No.	Fuse Amps	Size	Average @ 50KA/1000Vdc		Power Loss (W) 1.0In
			A ² s Melting	A ² s Clearing	
HCHVT1000-50B-43E	50	01*	137	1,000	16
HCHVT1000-63B-43E	63	01*	215	1,620	19
HCHVT1000-80B-43E	80	01*	410	3,145	23
HCHVT1000-100B-43E	100	01*	740	5,645	29
HCHVT1000-125B-43E	125	01*	1,460	10,860	34
HCHVT1000-160B-43E	160	01*	2,535	19,850	41
HCHVT1000-200B-43E	200	01*	5,070	38,200	46
HCHVT1000-250B-43E	250	01*	8,970	68,550	51
HCHVT1000-315B-43E	315	01*	18,200	142,950	61
HCHVT1000-350B-43E	350	01*	26,400	199,500	66
HCHVT1000-400B-43E	400	01*	38,750	293,500	74

Optional base indicator, the standard product is the "Default" configuration.

Default: B--with fuse indication, e.g.: HCHVT1000-400B-43E;

Optional: BN--without fuse indication, e.g.: HCHVT1000-400BN-43E;

HCHVT250-K-51E Series.100-800A/250Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ◇ Volts 电压: 250Vdc;
- ◇ Amps 电流: 100-800A;
- ◇ Interrupting Capacity 分断:
Max 250Vdc 50kA; (or less)
Min BC $\geq 3I_n$;
- ◇ Time Constant 时间常数: $\leq 5ms$;
- ◇ Class Type 产品类别: aR;

Standards / Approvals

认证/标准:

- ◇ Refer To UL 248.1/UL 248.13
- ◇ IEC 60269.1/IEC 60269.4
性能参考UL 248.13及IEC60269.4;
- ◇ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ◇ CE;
- ◇ RoHS Compliant.
符合RoHS.

Square body fuse links

Size: 1#



Fuse Ratings 额定参数

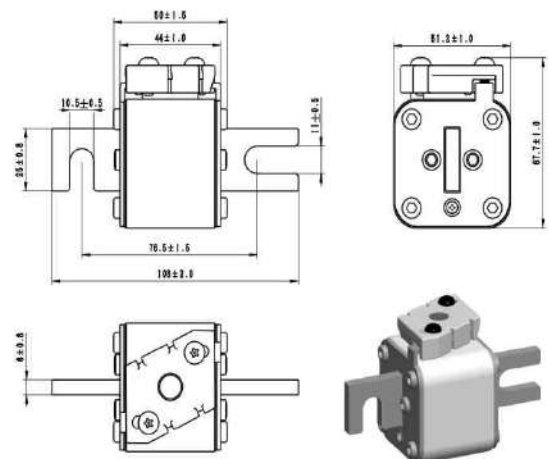
Part No.	Fuse Amps	Size	Average @50KA/250Vdc		Power Loss (W) 100%
			A ² s Melting	A ² t Clearing	
HCHVT250-100K-51E	100	1#	937	8,763	23
HCHVT250-125K-51E	125	1#	1,535	14,156	28
HCHVT250-160K-51E	160	1#	2,758	25,616	35
HCHVT250-200K-51E	200	1#	3,467	31,993	38
HCHVT250-250K-51E	250	1#	5,778	54,313	52
HCHVT250-275K-51E	275	1#	7,024	70,406	55
HCHVT250-315K-51E	315	1#	9,053	89,238	64
HCHVT250-350K-51E	350	1#	12,039	119,198	68
HCHVT250-400K-51E	400	1#	17,239	170,986	72
HCHVT250-450K-51E	450	1#	23,835	243,907	78
HCHVT250-500K-51E	500	1#	30,625	314,045	87
HCHVT250-550K-51E	550	1#	41,797	431,745	92
HCHVT250-630K-51E	630	1#	61,573	658,906	100
HCHVT250-700K-51E	700	1#	81,885	883,071	102
HCHVT250-800K-51E	800	1#	113,918	1,230,250	113

Optional base indicator, the standard product is the "Default" configuration.

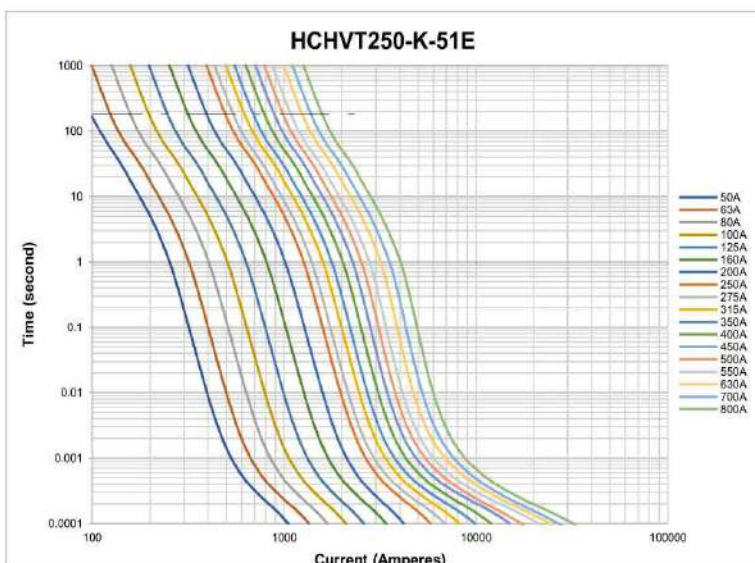
Default: K-with fuse indication, e.g.: HCHVT250-630K-51E;

Optional: KN-without fuse indication, e.g.: HCHVT250-630KN-51E;

Dimensions(mm) 尺寸



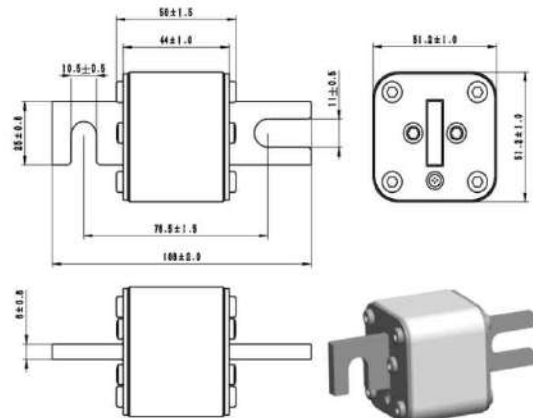
Time-Current Curve 时间电流曲线图



1: The accuracy of the characteristic curve is $\pm 5\%$ of the current direction error;

2: Minimum breaking current: $3.0 I_n$

HCHVT250-xxx K-51E



HCHVT250-xxx KN-51E

HCHVT500-K-51E Series.100-800A/500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 500Vdc;
- ✧ Amps 电流: 100-800A;
- ✧ Interrupting Capacity 分断:
Max 500Vdc 50kA; (or less)
Min BC ≥ 3 In;
- ✧ Time Constant 时间常数: ≤ 3 ms;
- ✧ Class Type 产品类别: aR;

Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
性能参考UL 248.13及IEC60269.4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
- ✧ RoHS Compliant.
符合RoHS.

Square body fuse links

Size: 1#



Fuse Ratings 额定参数

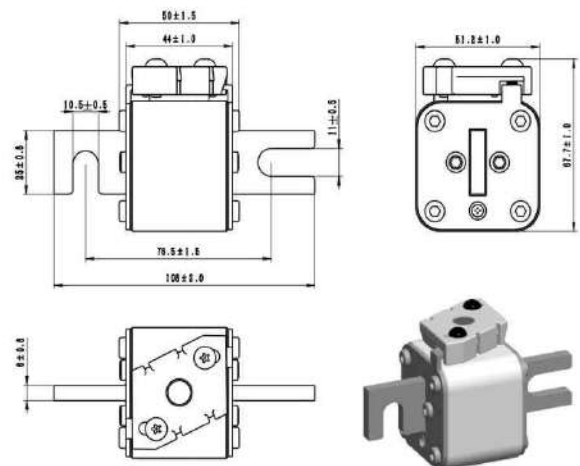
Part No.	Fuse Amps	Size	Average @50KA/500Vdc		Power Loss (W) 100%
			A ² s Melting	A ² t Clearing	
HCHVT500-100K-51E	100	1#	910	8,190	23
HCHVT500-125K-51E	125	1#	1,490	13,230	28
HCHVT500-160K-51E	160	1#	2,678	23,940	35
HCHVT500-200K-51E	200	1#	3,366	29,900	38
HCHVT500-250K-51E	250	1#	5,610	50,760	52
HCHVT500-275K-51E	275	1#	6,819	65,800	55
HCHVT500-315K-51E	315	1#	8,789	83,400	64
HCHVT500-350K-51E	350	1#	11,688	111,400	68
HCHVT500-400K-51E	400	1#	16,737	159,800	72
HCHVT500-450K-51E	450	1#	23,141	227,950	78
HCHVT500-500K-51E	500	1#	29,733	293,500	87
HCHVT500-550K-51E	550	1#	40,580	403,500	92
HCHVT500-630K-51E	630	1#	59,780	615,800	100
HCHVT500-700K-51E	700	1#	79,500	825,300	102
HCHVT500-800K-51E	800	1#	110,600	1,150,000	113

Optional base indicator, the standard product is the "Default" configuration.

Default: K--with fuse indication, e.g.: HCHVT500-630K-51E;

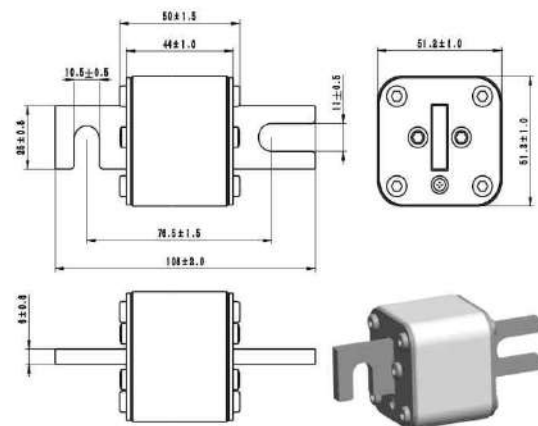
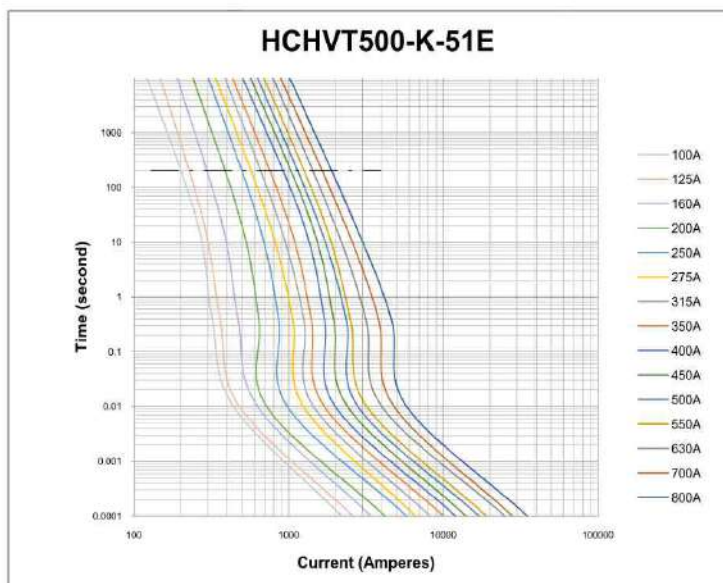
Optional: KN--without fuse indication, e.g.: HCHVT500-630KN-51E;

Dimensions(mm) 尺寸



HCHVT500-xxx K-51E

Time-Current Curve 时间电流曲线图



HCHVT500-xxx KN-51E

1: The accuracy of the characteristic curve is $\pm 15\%$ of the current direction error;

2: Minimum breaking current: 3.0 In

HCHVT1000-59ES Series.100-630A/1000Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压:1000Vdc;
- ✧ Amps电流: 100-630A;
- ✧ Interrupting Capacity分断:
Max1000Vdc 50kA;(or less)
Min≥5In;
- ✧ Time Constant时间常数: ≤5ms;
- ✧ Class Type产品类别: aR;

Standards / Approvals

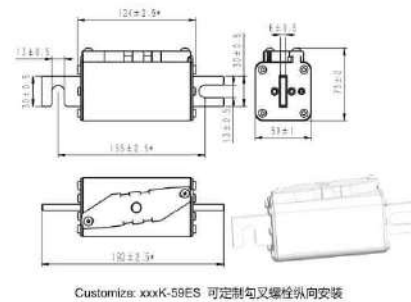
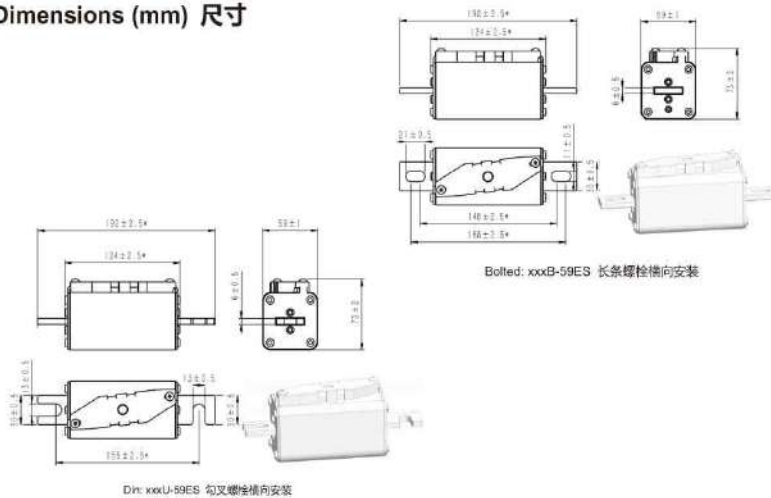
认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
性能参考UL 248.13及IEC60269.4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ UL, TUV, CE;
- ✧ RoHS Compliant.
符合RoHS.

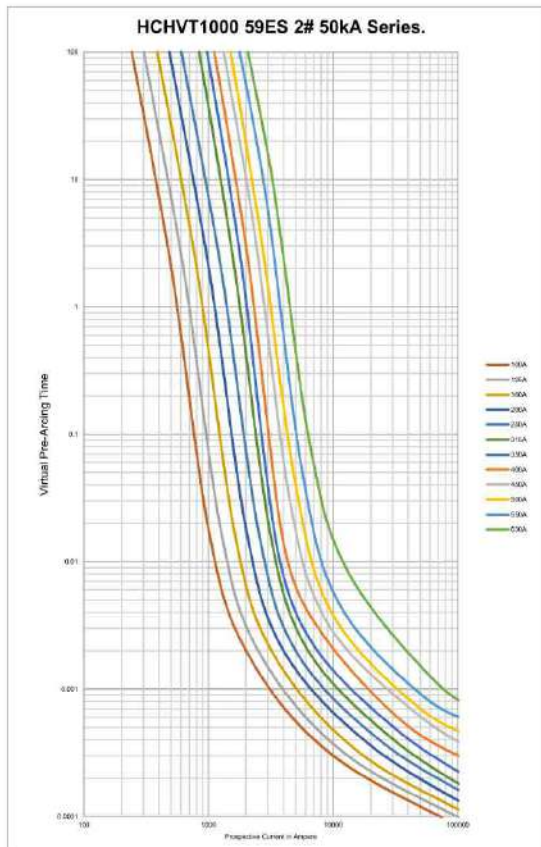
Square body fuse links



Dimensions (mm) 尺寸



Time-Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Average @50KA/1000Vdc		Power Loss (W)		Approvals
			A's Melting	A't Clearing	80%	100%	UL
Bolted	HCHVT1000-100B-59ES	100A	2370	8857	41	53	•
	HCHVT1000-125B-59ES	125A	4890	13219	47	60	•
	HCHVT1000-160B-59ES	160A	7192	19440	50	64	•
	HCHVT1000-200B-59ES	200A	11066	29907	68	86	•
	HCHVT1000-250B-59ES	250A	17940	48480	86	107	•
	HCHVT1000-315B-59ES	315A	30568	82610	102	127	•
	HCHVT1000-350B-59ES	350A	40655	109878	109	136	•
	HCHVT1000-400B-59ES	400A	58496	158090	121	151	•
	HCHVT1000-450B-59ES	450A	78890	213215	128	161	◻ Pending
	HCHVT1000-500B-59ES	500A	101503	274330	139	174	◻ Pending
	HCHVT1000-550B-59ES	550A	125982	340490	155	194	◻ Pending
	HCHVT1000-630B-59ES	630A	185020	500100	162	203	◻ Pending

Connect	Part No.	Fuse Amps	Average @50KA/1000Vdc		Power Loss (W)		Approvals
			A's Melting	A't Clearing	80%	100%	UL
Din	HCHVT1000-100U-59ES	100A	2370	8857	41	53	•
	HCHVT1000-125U-59ES	125A	4890	13219	47	60	•
	HCHVT1000-160U-59ES	160A	7192	19440	50	64	•
	HCHVT1000-200U-59ES	200A	11066	29907	68	86	•
	HCHVT1000-250U-59ES	250A	17940	48480	86	107	•
	HCHVT1000-315U-59ES	315A	30568	82610	102	127	•
	HCHVT1000-350U-59ES	350A	40655	109878	109	136	•
	HCHVT1000-400U-59ES	400A	58496	158090	121	151	•
	HCHVT1000-450U-59ES	450A	78890	213215	128	161	◻ Pending
	HCHVT1000-500U-59ES	500A	101503	274330	139	174	◻ Pending
	HCHVT1000-550U-59ES	550A	125982	340490	155	194	◻ Pending
	HCHVT1000-630U-59ES	630A	185020	500100	162	203	◻ Pending

Connect	Part No.	Fuse Amps	Average @50KA/1000Vdc		Power Loss (W)		Approvals
			A's Melting	A't Clearing	80%	100%	UL
Customize	HCHVT1000-100K-59ES	100A	2370	8857	41	53	•
	HCHVT1000-125K-59ES	125A	4890	13219	47	60	•
	HCHVT1000-160K-59ES	160A	7192	19440	50	64	•
	HCHVT1000-200K-59ES	200A	11066	29907	68	86	•
	HCHVT1000-250K-59ES	250A	17940	48480	86	107	•
	HCHVT1000-315K-59ES	315A	30568	82610	102	127	•
	HCHVT1000-350K-59ES	350A	40655	109878	109	136	•
	HCHVT1000-400K-59ES	400A	58496	158090	121	151	•
	HCHVT1000-450K-59ES	450A	78890	213215	128	161	◻ Pending
	HCHVT1000-500K-59ES	500A	101503	274330	139	174	◻ Pending
	HCHVT1000-550K-59ES	550A	125982	340490	155	194	◻ Pending
	HCHVT1000-630K-59ES	630A	185020	500100	162	203	◻ Pending

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

HCHVT1500-59ES Series.100-630A/1500Vdc

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 1500Vdc;(or less)
- ✧ Amps电流: 100-630A;
- ✧ Interrupting Capacity分断:
Max1500Vdc 50kA;(or less)
Min ≥ 5 In;
- ✧ Time Constant 时间常数: ≤ 5 ms;
- ✧ Class Type 产品类别: aR;

Standards / Approvals

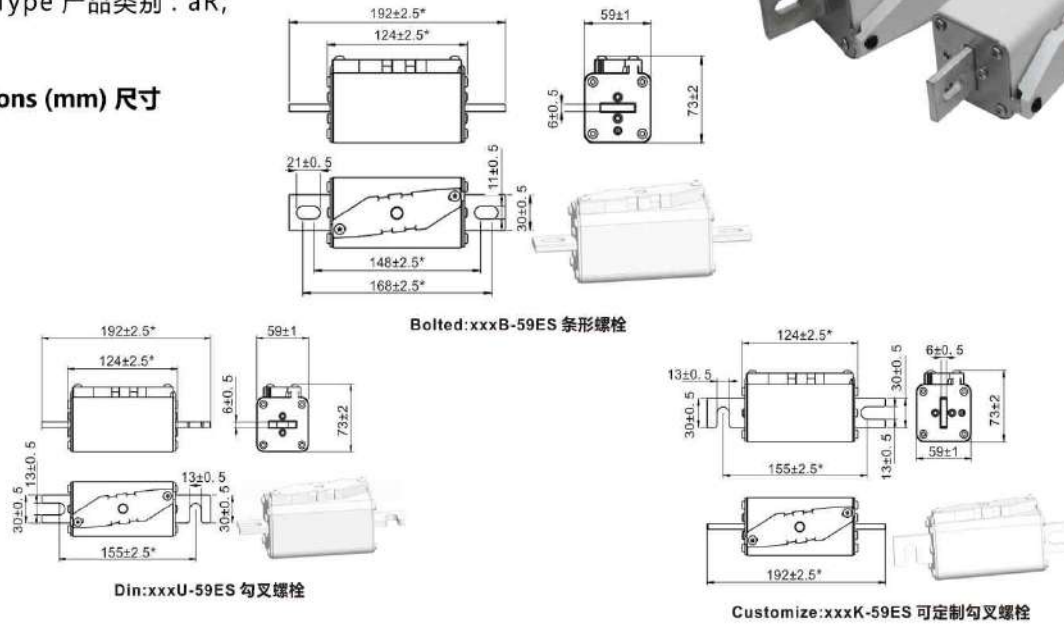
认证/标准:

- ✧ Refer To UL248.1/UL248.13
- IEC 60269.1/IEC 60269.4
- 性能参考 UL248.1及IEC 60269.4
- ✧ CE,UL,TUV;
- ✧ RoHS Compliant
- 符合RoHS。

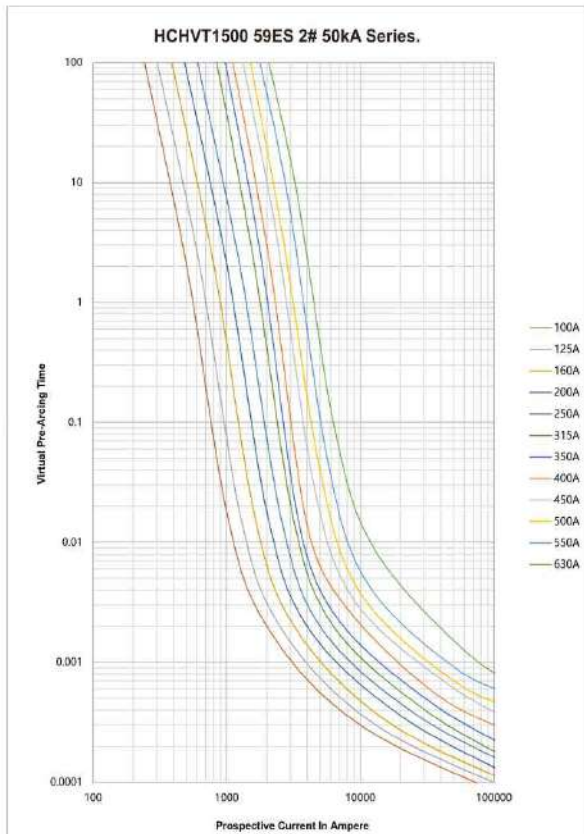
Square body fuse links



Dimensions (mm) 尺寸



Time -Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Average @50KA/1500Vdc		Power Loss (W)		Approvals	
			A's Melting	A's Clearing	80%	100%	UL	TUV
Bolted	HCHVT1500-100B-59ES	100A	2370	8857	41	53	•	•
	HCHVT1500-125B-59ES	125A	4890	13219	47	60	•	•
	HCHVT1500-160B-59ES	160A	7192	19440	50	64	•	•
	HCHVT1500-200B-59ES	200A	11066	29907	68	86	•	•
	HCHVT1500-250B-59ES	250A	17940	48480	86	107	•	•
	HCHVT1500-315B-59ES	315A	30568	82610	102	127	•	•
	HCHVT1500-350B-59ES	350A	40655	109878	109	136	•	•
	HCHVT1500-400B-59ES	400A	58496	158090	121	151	•	•
	HCHVT1500-450B-59ES	450A	78890	213215	128	161	◻ Pending	◻ Pending
	HCHVT1500-500B-59ES	500A	101503	274330	139	174	◻ Pending	◻ Pending
	HCHVT1500-550B-59ES	550A	125982	340490	155	194	◻ Pending	◻ Pending
	HCHVT1500-630B-59ES	630A	185020	500100	162	203	◻ Pending	◻ Pending
Connect	Part No.	Fuse Amps	Average @50KA/1500Vdc		Power Loss (W)		Approvals	
			A's Melting	A's Clearing	80%	100%	UL	TUV
Din	HCHVT1500-100U-59ES	100A	2370	8857	41	53	•	•
	HCHVT1500-125U-59ES	125A	4890	13219	47	60	•	•
	HCHVT1500-160U-59ES	160A	7192	19440	50	64	•	•
	HCHVT1500-200U-59ES	200A	11066	29907	68	86	•	•
	HCHVT1500-250U-59ES	250A	17940	48480	86	107	•	•
	HCHVT1500-315U-59ES	315A	30568	82610	102	127	•	•
	HCHVT1500-350U-59ES	350A	40655	109878	109	136	•	•
	HCHVT1500-400U-59ES	400A	58496	158090	121	151	•	•
	HCHVT1500-450U-59ES	450A	78890	213215	128	161	◻ Pending	◻ Pending
	HCHVT1500-500U-59ES	500A	101503	274330	139	174	◻ Pending	◻ Pending
	HCHVT1500-550U-59ES	550A	125982	340490	155	194	◻ Pending	◻ Pending
	HCHVT1500-630U-59ES	630A	185020	500100	162	203	◻ Pending	◻ Pending
Connect	Part No.	Fuse Amps	Average @50KA/1500Vdc		Power Loss (W)		Approvals	
			A's Melting	A's Clearing	80%	100%	UL	TUV
Customize	HCHVT1500-100K-59ES	100A	2370	8857	41	53	•	•
	HCHVT1500-125K-59ES	125A	4890	13219	47	60	•	•
	HCHVT1500-160K-59ES	160A	7192	19440	50	64	•	•
	HCHVT1500-200K-59ES	200A	11066	29907	68	86	•	•
	HCHVT1500-250K-59ES	250A	17940	48480	86	107	•	•
	HCHVT1500-315K-59ES	315A	30568	82610	102	127	•	•
	HCHVT1500-350K-59ES	350A	40655	109878	109	136	•	•
	HCHVT1500-400K-59ES	400A	58496	158090	121	151	•	•
	HCHVT1500-450K-59ES	450A	78890	213215	128	161	◻ Pending	◻ Pending
	HCHVT1500-500K-59ES	500A	101503	274330	139	174	◻ Pending	◻ Pending
	HCHVT1500-550K-59ES	550A	125982	340490	155	194	◻ Pending	◻ Pending
	HCHVT1500-630K-59ES	630A	185020	500100	162	203	◻ Pending	◻ Pending

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

HCHVT1500-59E Series.100-400A/1500Vdc

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 1500Vdc;
- ✧ Amps电流: 100-400A;
- ✧ Interrupting Capacity分析:
Max1500Vdc 250kA;(or less)
Min≥5In;
- ✧ Time Constant 时间常数: ≤5ms;
- ✧ Class Type 产品类别: aR;

Standards / Approvals

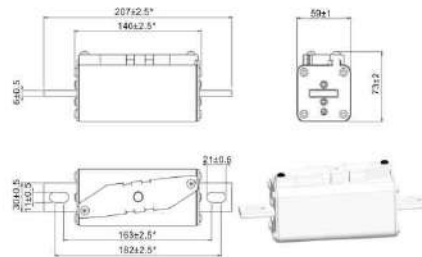
认证/标准:

- ✧ Refer To UL248.1/UL248.13
- ✧ IEC 60269.1/IEC 60269.4
性能参考 UL248.1及IEC 60269.4
- ✧ CE,UL,TUV;
- ✧ RoHS Compliant
符合RoHS。

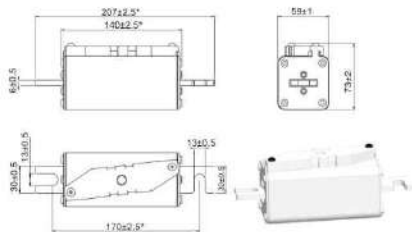
Square body fuse links



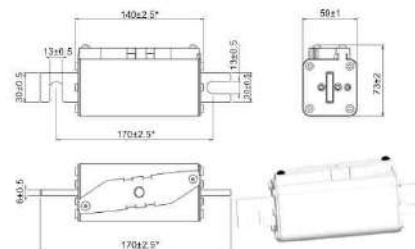
Dimensions (mm) 尺寸



Bolted:xxxB-59E 长条螺栓横向安装

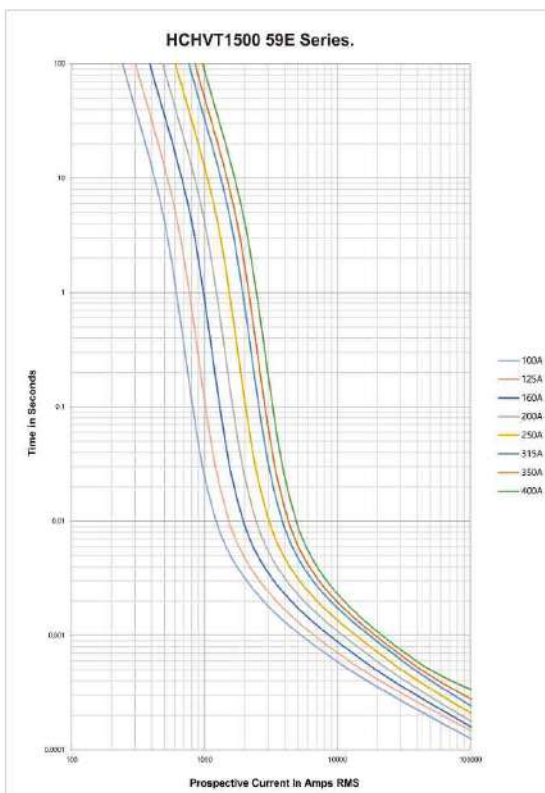


Din:xxxU-59E 勾叉螺栓横向安装



Customize:xxxK-59E 可定制勾叉螺栓纵向安装

Time -Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Average @250KA/1500Vdc		Power Loss (W)		Approvals	
			A's Melting	A't Clearing	80%	100%	UL	TUV
Bolted	HCHVT1500-100B-59E	100A	3085	8568	43	55	•	•
	HCHVT1500-125B-59E	125A	4746	13182	47	60	•	•
	HCHVT1500-160B-59E	160A	7415	20597	53	68	•	•
	HCHVT1500-200B-59E	200A	11547	31208	69	86	•	•
	HCHVT1500-250B-59E	250A	18720	50594	86	108	•	•
	HCHVT1500-315B-59E	315A	31897	86207	102	128	•	•
	HCHVT1500-350B-59E	350A	42423	114556	110	137	•	•
	HCHVT1500-400B-59E	400A	61039	164970	122	153	•	•

Connect	Part No.	Fuse Amps	Average @250KA/1500Vdc		Power Loss (W)		Approvals	
			A's Melting	A't Clearing	80%	100%	UL	TUV
Din	HCHVT1500-100U-59E	100A	3085	8568	43	55	•	•
	HCHVT1500-125U-59E	125A	4746	13182	47	60	•	•
	HCHVT1500-160U-59E	160A	7415	20597	53	68	•	•
	HCHVT1500-200U-59E	200A	11547	31208	69	86	•	•
	HCHVT1500-250U-59E	250A	18720	50594	86	108	•	•
	HCHVT1500-315U-59E	315A	31897	86207	102	128	•	•
	HCHVT1500-350U-59E	350A	42423	114556	110	137	•	•
	HCHVT1500-400U-59E	400A	61039	164970	122	153	•	•

Connect	Part No.	Fuse Amps	Average @250KA/1500Vdc		Power Loss (W)		Approvals	
			A's Melting	A't Clearing	80%	100%	UL	TUV
Customize	HCHVT1500-100K-59E	100A	3085	8568	43	55	•	•
	HCHVT1500-125K-59E	125A	4746	13182	47	60	•	•
	HCHVT1500-160K-59E	160A	7415	20597	53	68	•	•
	HCHVT1500-200K-59E	200A	11547	31208	69	86	•	•
	HCHVT1500-250K-59E	250A	18720	50594	86	108	•	•
	HCHVT1500-315K-59E	315A	31897	86207	102	128	•	•
	HCHVT1500-350K-59E	350A	42423	114556	110	137	•	•
	HCHVT1500-400K-59E	400A	61039	164970	122	153	•	•

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

HCHVT500-74E Series.500-1800A/500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 500Vdc;
- ✧ Amps 电流: 500-1800A;
- ✧ Interrupting Capacity 分断:
Max 500Vdc 50kA;(or less)
Min BC ≥5In;
- ✧ Time Constant 时间常数: ≤5ms;
- ✧ Class Type 产品类别: aR;

Standards / Approvals

认证/标准:

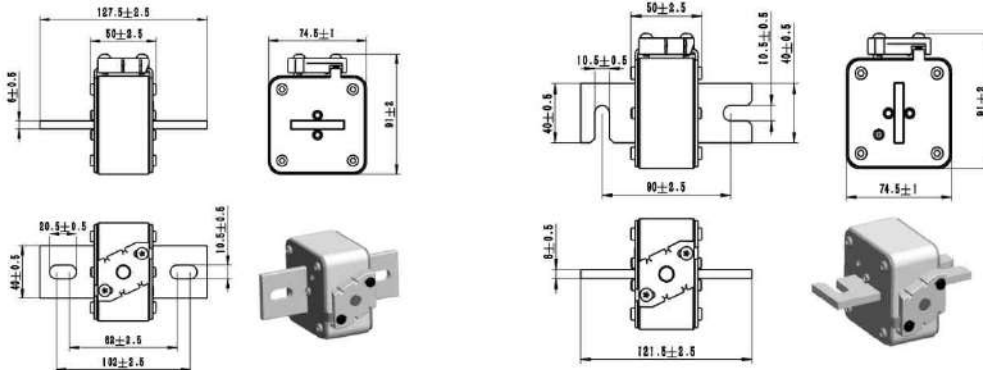
- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
- 性能参考UL 248.13及IEC60269.4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
- ✧ RoHS Compliant.
符合RoHS。

Square body fuse links

Size: 3#



Dimensions(mm) 尺寸



Bolts: xxxB-74E长条螺栓纵向安装

Customize: xxxK-74E可定制勾叉螺栓纵向安装

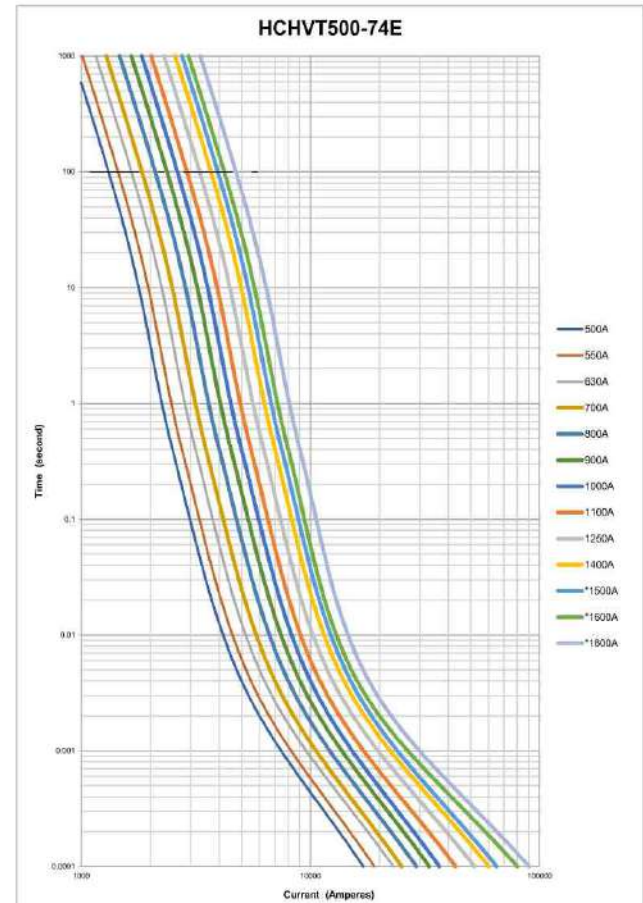
Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Size	Average @50KA/500Vdc		Power Loss (W)
				A's Melting	A't Clearing	
Bolts	HCHVT500-500B-74E	500A	3#	12,290	85,500	95
	HCHVT500-550B-74E	550A	3#	16,900	121,500	105
	HCHVT500-630B-74E	630A	3#	26,970	189,000	115
	HCHVT500-700B-74E	700A	3#	38,715	270,000	120
	HCHVT500-800B-74E	800A	3#	60,450	418,500	130
	HCHVT500-900B-74E	900A	3#	87,000	603,000	138
	HCHVT500-1000B-74E	1000A	3#	121,800	850,500	145
	HCHVT500-1100B-74E	1100A	3#	165,300	1,170,000	165
	HCHVT500-1250B-74E	1250A	3#	252,300	1,755,000	180
	HCHVT500-1400B-74E	1400A	3#	322,500	2,205,000	190
	* HCHVT500-1500B-74E	* 1500A	3#	400,200	2,790,000	200
	* HCHVT500-1600B-74E	* 1600A	3#	505,600	3,510,000	230

Connect	Part No.	Fuse Amps	Size	Average @50KA/500Vdc		Power Loss (W)
				A's Melting	A't Clearing	
Customize	HCHVT500-500K-74E	500A	3#	12,290	85,500	95
	HCHVT500-550K-74E	550A	3#	16,900	121,500	105
	HCHVT500-630K-74E	630A	3#	26,970	189,000	115
	HCHVT500-700K-74E	700A	3#	38,715	270,000	120
	HCHVT500-800K-74E	800A	3#	60,450	418,500	130
	HCHVT500-900K-74E	900A	3#	87,000	603,000	138
	HCHVT500-1000K-74E	1000A	3#	121,800	850,500	145
	HCHVT500-1100K-74E	1100A	3#	165,300	1,170,000	165
	HCHVT500-1250K-74E	1250A	3#	252,300	1,755,000	180
	HCHVT500-1400K-74E	1400A	3#	322,500	2,205,000	190
	* HCHVT500-1500K-74E	* 1500A	3#	400,200	2,790,000	200
	* HCHVT500-1600K-74E	* 1600A	3#	505,600	3,510,000	230

*: If there are any requirements, please communicate with the original factory staff first.

Time-Current Curve时间电流曲线图



- 1: The accuracy of the characteristic curve is ±5% of the current direction error;
- 2: Minimum breaking current: 5.0 In

HCHVT500-A-74E Series.500-1800A/500Vdc(Fast-Acting)

Square body fuse links

Size: 3#

Ratings&Features Applications

电气参数/功能应用领域:

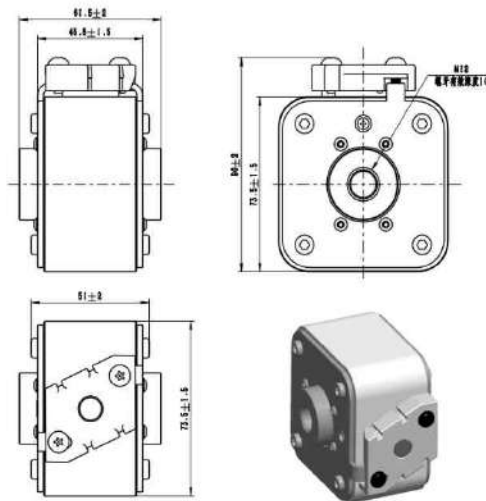
- ✧ Volts 电压: 500Vdc;
- ✧ Amps 电流: 500-1800A;
- ✧ Interrupting Capacity 分断:
Max 500Vdc 50kA;(or less)
Min BC $\geq 5\text{In}$;
- ✧ Time Constant 时间常数: $\leq 5\text{ms}$;
- ✧ Class Type 产品类别: aR;

Standards / Approvals

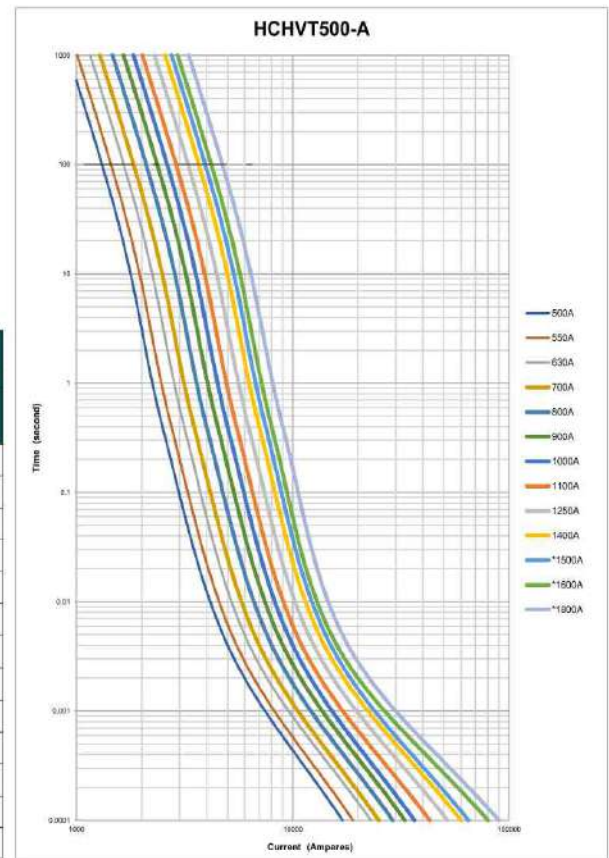
认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
性能参考UL 248.13及IEC60269.4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
- ✧ RoHS Compliant.
符合RoHS。

Dimensions(mm) 尺寸



Time-Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Size	Average @50KA/500Vdc		Power Loss (W)
				A ² s Melting	A ² t Clearing	
Flush-end contact	HCHVT500-500A-74E	500A	3#	12,290	85,500	95
	HCHVT500-550A-74E	550A	3#	16,900	121,500	105
	HCHVT500-630A-74E	630A	3#	26,970	189,000	115
	HCHVT500-700A-74E	700A	3#	38,715	270,000	120
	HCHVT500-800A-74E	800A	3#	60,450	418,500	130
	HCHVT500-900A-74E	900A	3#	87,000	603,000	138
	HCHVT500-1000A-74E	1000A	3#	121,800	850,500	145
	HCHVT500-1100A-74E	1100A	3#	165,300	1,170,000	165
	HCHVT500-1250A-74E	1250A	3#	252,300	1,755,000	180
	HCHVT500-1400A-74E	1400A	3#	322,500	2,205,000	190
	* HCHVT500-1500A-74E	* 1500A	3#	400,200	2,790,000	200
	* HCHVT500-1600A-74E	* 1600A	3#	505,600	3,510,000	230
	* HCHVT500-1800A-74E	* 1800A	3#	765,600	4,925,000	260

*: If there are any requirements, please communicate with the original factory staff first.

1: The accuracy of the characteristic curve is $\pm 15\%$ of the current direction error;
2: Minimum breaking current: 5.0 In

HCHVT1000-74E Series.315-1400A/1000Vdc(Fast-Acting)

Square body fuse links

Size: 3#

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 1000Vdc;
- ✧ Amps 电流: 315-1400A;
- ✧ Interrupting Capacity 分断:
Max 1000Vdc 50kA;(or less)
Min BC ≥ 5In;
- ✧ Time Constant 时间常数: ≤ 5ms;
- ✧ Class Type 产品类别: aR;

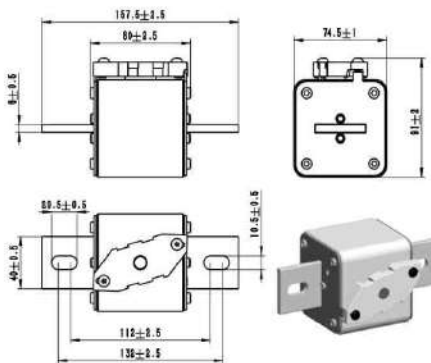
Standards / Approvals

认证/标准:

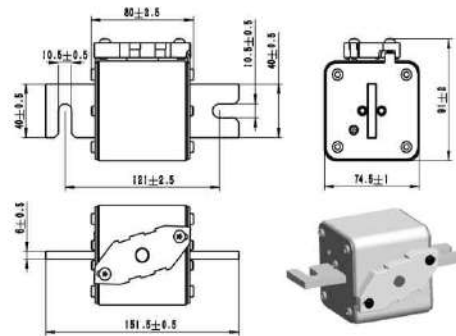
- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
- 性能参考UL 248.13及IEC60269.4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ UL, TUV, CE;
- ✧ RoHS Compliant.
符合RoHS.



Dimensions(mm) 尺寸



Botted: xxxB-74E 长手螺栓横向安装



Customize: xxxK-74E 可定制向叉螺栓纵向安装

Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Size	Average @50KA/1000Vdc		Power Loss (W)	Approvals	
				A ² s Melting	A ² t Clearing		100%	UL TUV
Botted	HCHVT1000-315B-74E	315A	3#	8,550	48,500	120	●	●
	HCHVT1000-350B-74E	350A	3#	12,150	68,640	125	●	●
	HCHVT1000-400B-74E	400A	3#	17,550	99,150	133	●	●
	HCHVT1000-450B-74E	450A	3#	27,900	157,600	145	●	●
	HCHVT1000-500B-74E	500A	3#	35,100	198,315	155	●	●
	HCHVT1000-550B-74E	550A	3#	49,500	279,675	163	●	●
	HCHVT1000-630B-74E	630A	3#	75,150	424,600	172	●	●
	HCHVT1000-700B-74E	700A	3#	103,500	625,700	185	●	●
	HCHVT1000-800B-74E	800A	3#	185,500	1,001,700	195	●	●
	HCHVT1000-900B-74E	900A	3#	274,500	1,454,850	203	○	○
	HCHVT1000-1000B-74E	1000A	3#	405,000	2,126,500	210	○	○
	HCHVT1000-1100B-74E	1100A	3#	517,500	2,696,500	225	○	○
	* HCHVT1000-1250B-74E	* 1250A	3#	729,000	3,717,900	240	○	○
	* HCHVT1000-1400B-74E	* 1400A	3#	1,125,000	5,512,500	265	○	○

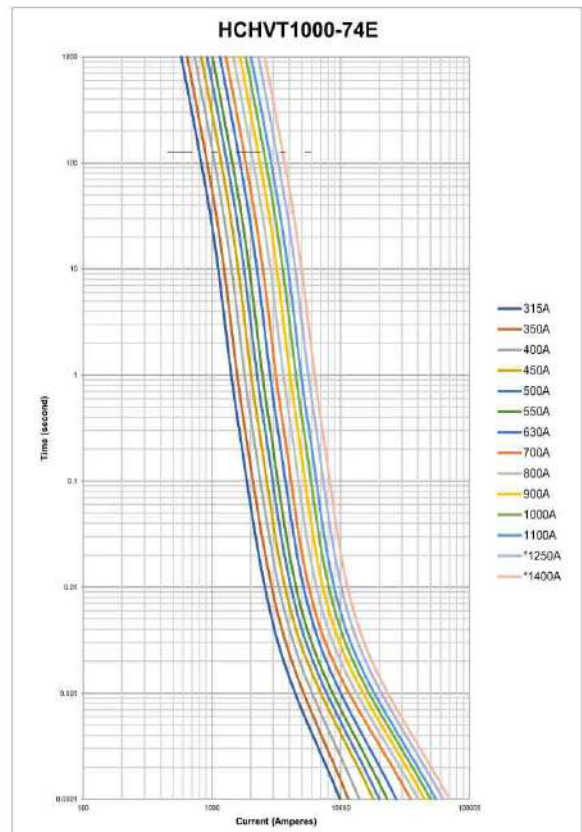
Connect	Part No.	Fuse Amps	Size	Average @50KA/1000Vdc		Power Loss (W)	Approvals	
				A ² s Melting	A ² t Clearing		100%	UL TUV
Customize	HCHVT1000-315K-74E	315A	3#	8,550	48,500	120	●	●
	HCHVT1000-350K-74E	350A	3#	12,150	68,640	125	●	●
	HCHVT1000-400K-74E	400A	3#	17,550	99,150	133	●	●
	HCHVT1000-450K-74E	450A	3#	27,900	157,600	145	●	●
	HCHVT1000-500K-74E	500A	3#	35,100	198,315	155	●	●
	HCHVT1000-550K-74E	550A	3#	49,500	279,675	163	●	●
	HCHVT1000-630K-74E	630A	3#	75,150	424,600	172	●	●
	HCHVT1000-700K-74E	700A	3#	103,500	625,700	185	●	●
	HCHVT1000-800K-74E	800A	3#	185,500	1,001,700	195	●	●
	HCHVT1000-900K-74E	900A	3#	274,500	1,454,850	203	○	○
	HCHVT1000-1000K-74E	1000A	3#	405,000	2,126,500	210	○	○
	HCHVT1000-1100K-74E	1100A	3#	517,500	2,696,500	225	○	○
	* HCHVT1000-1250K-74E	* 1250A	3#	729,000	3,717,900	240	○	○
	* HCHVT1000-1400K-74E	* 1400A	3#	1,125,000	5,512,500	265	○	○

●: UL: E533379 (100-800A) ; TUV: J50590376 (100-800A)

○: Application process to be determined

*: If there are any requirements, please communicate with the original factory staff first.

Time-Current Curve 时间电流曲线图



- 1: The accuracy of the characteristic curve is ±5% of the current direction error;
- 2: Minimum breaking current: 5.0 In

HCHVT1000-A-74E Series.315-1400A/1000Vdc(Fast-Acting)

Square body fuse links

Size: 3#



Ratings&Features Applications

电气参数/功能应用领域:

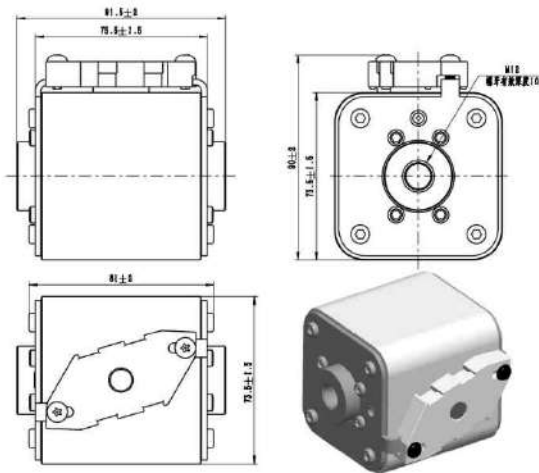
- ✧ Volts 电压:1000Vdc;
- ✧ Amps 电流: 315-1400A;
- ✧ Interrupting Capacity 分断:
Max 1000Vdc 50kA; (or less)
Min BC $\geq 5I_n$;
- ✧ Time Constant时间常数: $\leq 5ms$;
- ✧ Class Type产品类别: **aR**;

Standards / Approvals

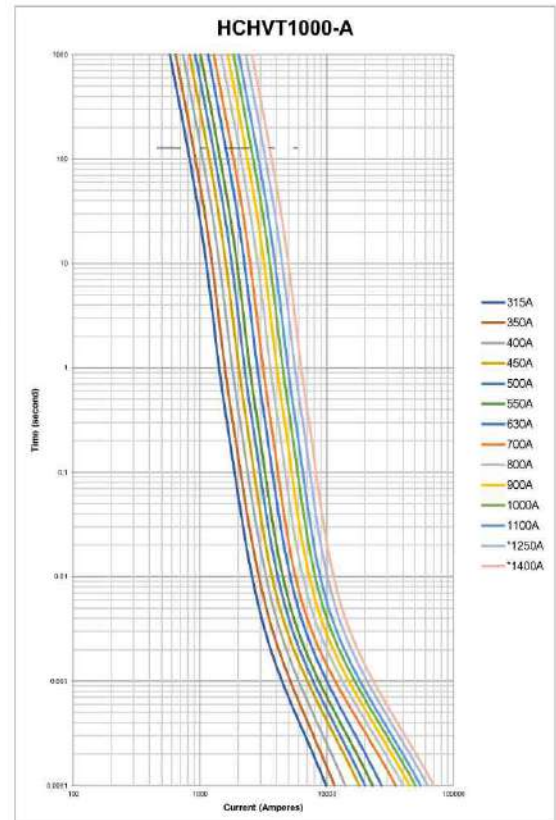
认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
性能参考UL 248.13及IEC60269.4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ UL, TUV, CE;
- ✧ RoHS Compliant.
符合RoHS。

Dimensions(mm) 尺寸



Time-Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Size	Average @50KA/1000Vdc		Power Loss (W)	Approvals	
				A ² s Melting	A ² t Clearing		100%	
Flush-end contact	HCHVT1000-315A-74E	315A	3#	8,550	48,500	120	●	●
	HCHVT1000-350A-74E	350A	3#	12,150	68,640	125	●	●
	HCHVT1000-400A-74E	400A	3#	17,550	99,150	133	●	●
	HCHVT1000-450A-74E	450A	3#	27,900	157,600	145	●	●
	HCHVT1000-500A-74E	500A	3#	35,100	198,315	155	●	●
	HCHVT1000-550A-74E	550A	3#	49,500	279,675	163	●	●
	HCHVT1000-630A-74E	630A	3#	75,150	424,600	172	●	●
	HCHVT1000-700A-74E	700A	3#	103,500	625,700	185	●	●
	HCHVT1000-800A-74E	800A	3#	185,500	1,001,700	195	●	●
	HCHVT1000-900A-74E	900A	3#	274,500	1,454,850	203	○	○
	HCHVT1000-1000A-74E	1000A	3#	405,000	2,126,500	210	○	○
	HCHVT1000-1100A-74E	1100A	3#	517,500	2,696,500	225	○	○
	* HCHVT1000-1250A-74E	* 1250A	3#	729,000	3,717,900	240	○	○
	* HCHVT1000-1400A-74E	* 1400A	3#	1,125,000	5,512,500	265	○	○

●: UL: E533379 (100-800A) ; TUV: J50590376 (100-800A)

○: Application process to be determined

*: If there are any requirements, please communicate with the original factory staff first.

1: The accuracy of the characteristic curve is $\pm 15\%$ of the current direction error;
2: Minimum breaking current: 5.0 In

HCHVT1500-A-74E Series.100-1200A/1500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压:1500Vdc;
- ✧ Amps 电流: 100-1200A;
- ✧ Interrupting Capacity 分断:
Max 1500Vdc 250kA;(or less)
Min BC ≥ 5In;
- ✧ Time Constant 时间常数: ≤5ms;
- ✧ Class Type 产品类别: aR;

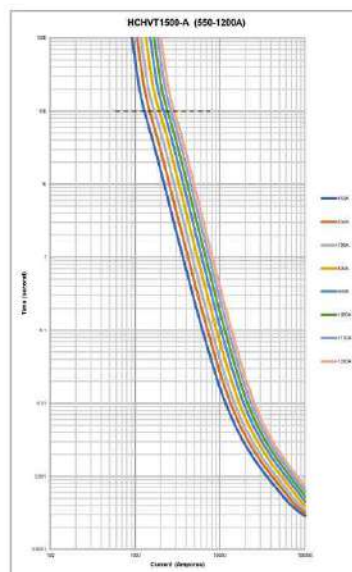
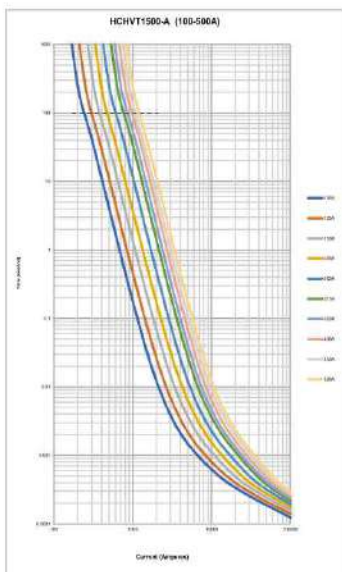
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
性能参考UL 248.13及IEC60269.4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ UL, TUV, CE;
- ✧ RoHS Compliant.
符合RoHS.

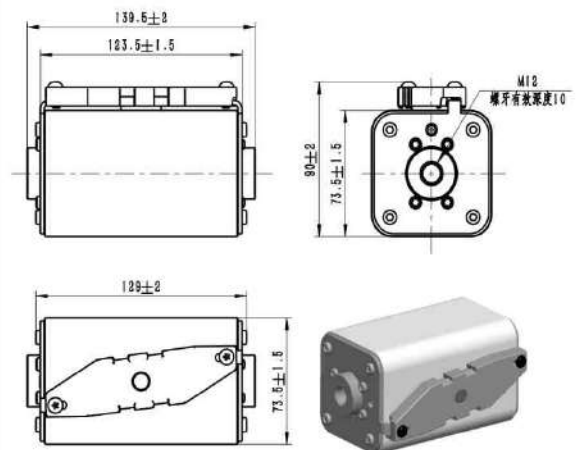


Time-Current Curve时间电流曲线图



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 5.0 In.

Dimensions (mm) 尺寸



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Size	Average @250KA/1500Vdc		Power Loss (W) 100%	Approvals	
				A ² s Melting	A ² t Clearing		UL	TUV
Flush-end contact	HCHVT1500-100A-74E	100A	3#	1,121	4,535	60	•	•
	HCHVT1500-125A-74E	125A	3#	1,706	8,091	68	•	•
	HCHVT1500-160A-74E	160A	3#	3,705	13,566	90	•	•
	HCHVT1500-200A-74E	200A	3#	5,070	22,772	110	•	•
	HCHVT1500-250A-74E	250A	3#	10,140	43,605	120	•	•
	HCHVT1500-315A-74E	315A	3#	20,604	73,644	136	•	•
	HCHVT1500-350A-74E	350A	3#	28,309	100,441	148	•	•
	HCHVT1500-400A-74E	400A	3#	37,320	130,559	171	•	•
	HCHVT1500-450A-74E	450A	3#	52,570	186,198	187	•	•
	HCHVT1500-500A-74E	500A	3#	71,128	250,479	204	•	•
	HCHVT1500-550A-74E	550A	3#	89,014	306,195	221	•	•
	HCHVT1500-630A-74E	630A	3#	125,840	422,594	248	•	•
	HCHVT1500-700A-74E	700A	3#	174,518	573,595	273	•	•
	HCHVT1500-800A-74E	800A	3#	271,019	863,105	294	•	•
	HCHVT1500-900A-74E	900A	3#	389,563	1,192,378	305	○	○
	HCHVT1500-1000A-74E	1000A	3#	523,585	1,549,528	362	○	○
	* HCHVT1500-1100A-74E	* 1100A	3#	719,385	2,056,080	385	○	○
	* HCHVT1500 1200A 74E	* 1200A	3#	973,208	2,682,900	391	○	○

•: UL: E533379 (100-800A) ; TUV: J50590376 (100-800A)

○: Application process to be determined

*: If there are any requirements, please communicate with the original factory staff first.

HCHVT1500-74ES Series.100-800A/1500Vdc

Square body fuse links

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 1500Vdc;(or less)
- ✧ Amps电流: 100-800A;
- ✧ Interrupting Capacity分断:
Max1500Vdc 50kA;(or less)
Min≥5In;
- ✧ Time Constant 时间常数: ≤5ms;
- ✧ Class Type 产品类别: aR;

Standards / Approvals

认证/标准:

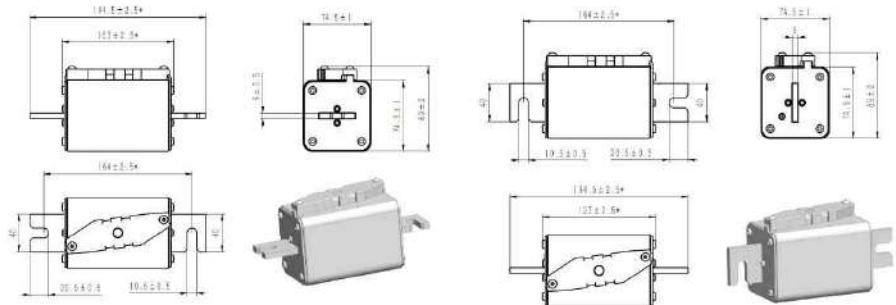
- ✧ Refer To UL248.1/UL248.13

IEC 60269.1/IEC 60269.4

性能参考 UL248.1及IEC 60269.4

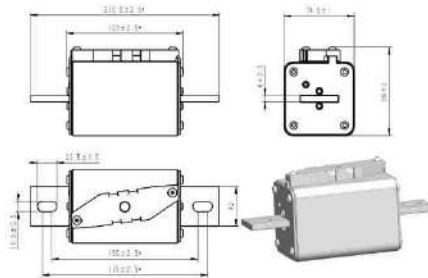
- ✧ CE,UL,TUV;
- ✧ RoHS Compliant
符合RoHS。

Dimensions (mm) 尺寸



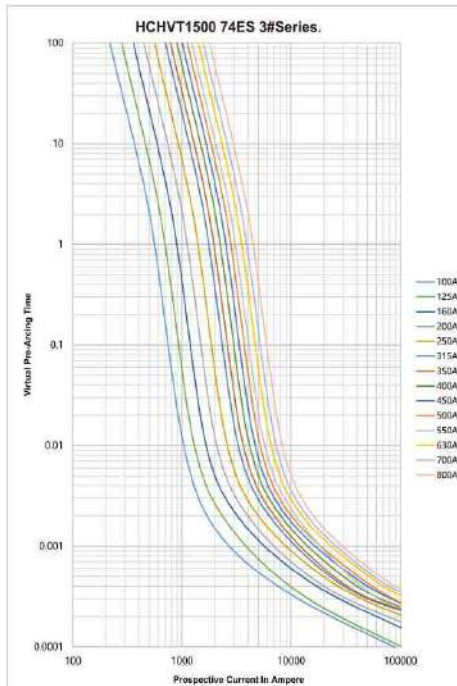
Din: xxxU-74ES 勾叉螺栓纵向安装

Customize: xxxK-74ES 可定制勾叉螺栓纵向安装



Bolted: xxxB-74ES 长条螺栓纵向安装

Time -Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Average @50KA/1500Vdc		Power Loss (W)		Approvals	
			A ₂ s Melting	A ₁ t Clearing	80%	100%	UL	TUV
Bolted 74ES	HCHVT1500-100B-74ES	100A	1081	4399	45	57	•	•
	HCHVT1500-125B-74ES	125A	1645	7849	52	64	•	•
	HCHVT1500-160B-74ES	160A	3572	13160	69	85	•	•
	HCHVT1500-200B-74ES	200A	4888	22090	81	104	•	•
	HCHVT1500-250B-74ES	250A	9776	42300	93	114	•	•
	HCHVT1500-315B-74ES	315A	19864	71440	102	128	•	•
	HCHVT1500-350B-74ES	350A	27293	97435	111	140	•	•
	HCHVT1500-400B-74ES	400A	35980	126652	128	161	•	•
	HCHVT1500-450B-74ES	450A	51208	175802	140	177	•	•
	HCHVT1500-500B-74ES	500A	69286	236492	152	192	•	•
	HCHVT1500-550B-74ES	550A	85708	289098	165	209	•	•
	HCHVT1500-630B-74ES	630A	122580	398997	185	234	•	•
	HCHVT1500-700B-74ES	700A	169997	541567	199	257	•	•
	HCHVT1500-800B-74ES	800A	263998	814912	214	277	•	•

Connect	Part No.	Fuse Amps	Average @50KA/1500Vdc		Power Loss (W)		Approvals	
			A ₂ s Melting	A ₁ t Clearing	80%	100%	UL	TUV
Din 74ES	HCHVT1500-100U-74ES	100A	1081	4446	45	57	•	•
	HCHVT1500-125U-74ES	125A	1645	7933	52	64	•	•
	HCHVT1500-160U-74ES	160A	3572	13300	69	85	•	•
	HCHVT1500-200U-74ES	200A	4888	22325	81	104	•	•
	HCHVT1500-250U-74ES	250A	9776	42750	93	114	•	•
	HCHVT1500-315U-74ES	315A	19864	72200	102	128	•	•
	HCHVT1500-350U-74ES	350A	27293	98471	111	140	•	•
	HCHVT1500-400U-74ES	400A	35980	127999	128	161	•	•
	HCHVT1500-500U-74ES	500A	69286	239035	152	192	•	•
	HCHVT1500-630U-74ES	630A	122580	407578	185	234	•	•
	HCHVT1500-700U-74ES	700A	169997	553214	199	257	•	•
	HCHVT1500-800U-74ES	800A	263998	832437	214	277	•	•

Connect	Part No.	Fuse Amps	Average @50KA/1500Vdc		Power Loss (W)		Approvals	
			A ₂ s Melting	A ₁ t Clearing	80%	100%	UL	TUV
Customize 74ES	HCHVT1500-100K-74ES	100A	1081	4446	45	57	•	•
	HCHVT1500-125K-74ES	125A	1645	7933	52	64	•	•
	HCHVT1500-160K-74ES	160A	3572	13300	69	85	•	•
	HCHVT1500-200K-74ES	200A	4888	22325	81	104	•	•
	HCHVT1500-250K-74ES	250A	9776	42750	93	114	•	•
	HCHVT1500-315K-74ES	315A	19864	72200	102	128	•	•
	HCHVT1500-350K-74ES	350A	27293	98471	111	140	•	•
	HCHVT1500-400K-74ES	400A	35980	127999	128	161	•	•
	HCHVT1500-500K-74ES	500A	69286	241578	152	192	•	•
	HCHVT1500-630K-74ES	630A	122580	407578	185	234	•	•
	HCHVT1500-700K-74ES	700A	169997	553214	199	257	•	•
	HCHVT1500-800K-74ES	800A	263998	832437	214	277	•	•

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

HCHVT1500-74E Series.100-1400A/1500Vdc

Square body fuse links



Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压:1500Vdc;
- ✧ Amps电流: 100-1400A;
- ✧ Interrupting Capacity 分断:
Max 1500Vdc 250kA; (or less)
Min $\geq 5I_n$;
- ✧ Time Constant时间常数: $\leq 5ms$;
- ✧ Class Type产品类别: aR;

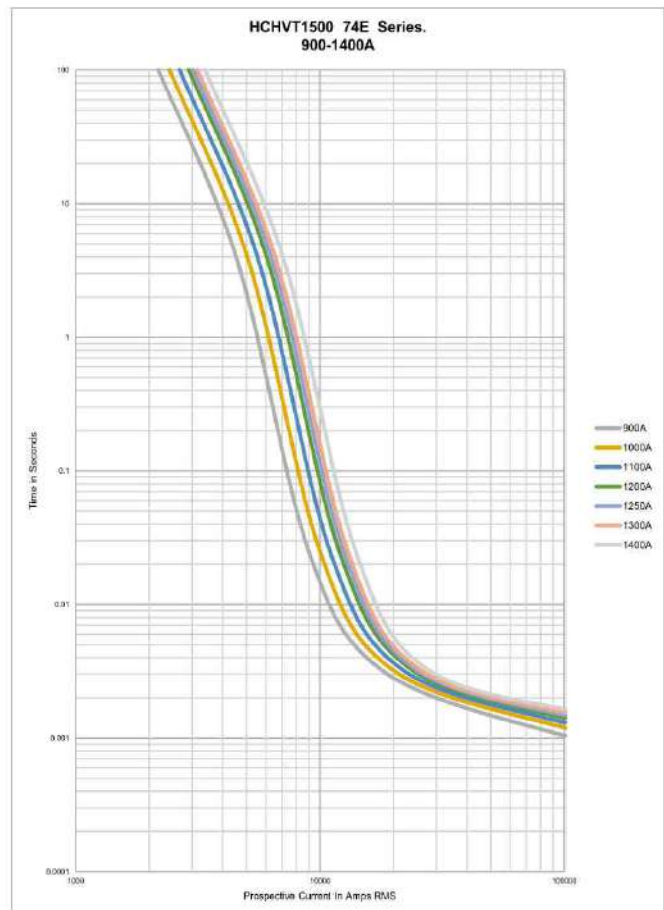
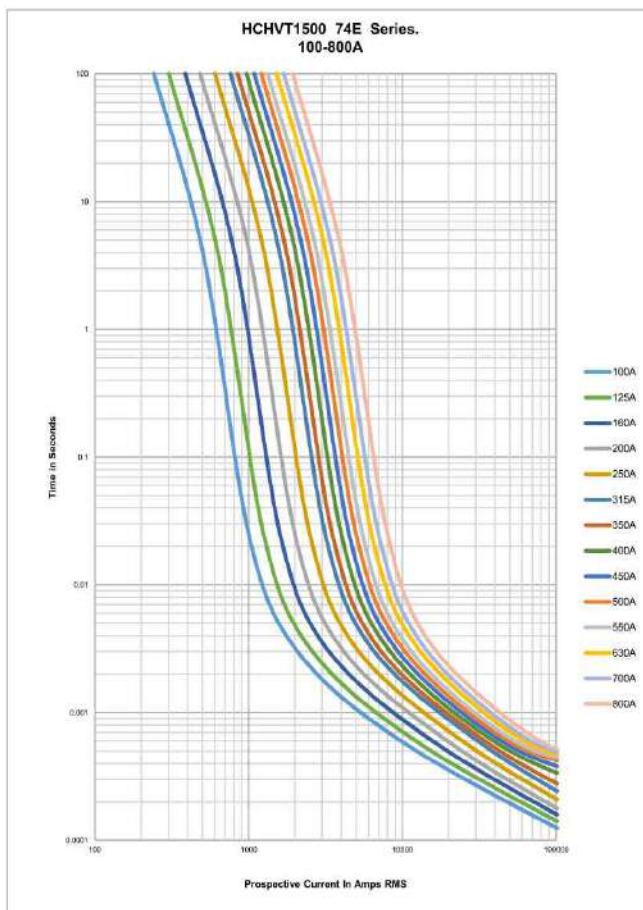
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
性能参考UL 248.13及IEC60269.4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ UL, TUV, CE;
- ✧ RoHS Compliant.
符合RoHS。



Time - Current Curve 时间电流曲线图



HCHVT1500-74E Series.100-1400A/1500Vdc

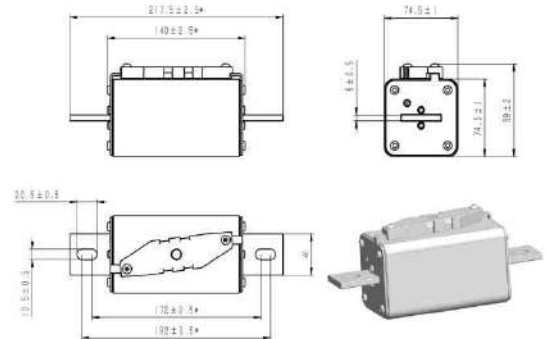
Fuse Ratings 额定参数

Connect.	Part No.	Fuse Amps	Average @250KA/1500Vdc		Power Loss (W)		Approvals	
			A's Melting	A's Clearing	80%	100%	UL	TUV
Bolted	HCHVT1500-100B-74E	100A	1150	4680	48	60	•	•
	HCHVT1500-125B-74E	125A	1750	8350	52	68	•	•
	HCHVT1500-160B-74E	160A	3800	14000	68	90	•	•
	HCHVT1500-200B-74E	200A	5200	23500	82	110	•	•
	HCHVT1500-250B-74E	250A	10400	45000	92	120	•	•
	HCHVT1500-315B-74E	315A	21238	76760	104	136	•	•
	HCHVT1500-350B-74E	350A	29180	104691	113	148	•	•
	HCHVT1500-400B-74E	400A	38468	136083	130	171	•	•
	HCHVT1500-450B-74E	450A	54749	192815	143	187	•	•
	HCHVT1500-500B-74E	500A	74371	259379	155	204	•	•
	HCHVT1500-550B-74E	550A	93073	317075	169	221	•	•
	HCHVT1500-630B-74E	630A	131578	437610	189	248	•	•
	HCHVT1500-700B-74E	700A	182476	593977	202	273	•	•
	HCHVT1500-800B-74E	800A	283377	893774	218	294	•	•
	HCHVT1500-900B-74E	900A	408596	1247411	237	305	•	•
	HCHVT1500-1000B-74E	1000A	546988	1605152	282	362	•	•
	HCHVT1500-1100B-74E	1100A	751540	2129888	300	385	•	•
	HCHVT1500-1200B-74E	1200A	991418	2779209	305	391	•	•
	*HCHVT1500-1250B-74E	*1250A	1121162	3162024	314	401	•	•
	*HCHVT1500-1300B-74E	*1300A	1237919	3633554	323	414	•	•
	*HCHVT1500-1400B-74E	*1400A	1512932	4614614	328	420	•	•

•: UL: E533379 (100-800A) ; TUV: J50590376 (100-800A)

•: Application process to be determined

*: If there are any requirements, please communicate with the original factory staff first.



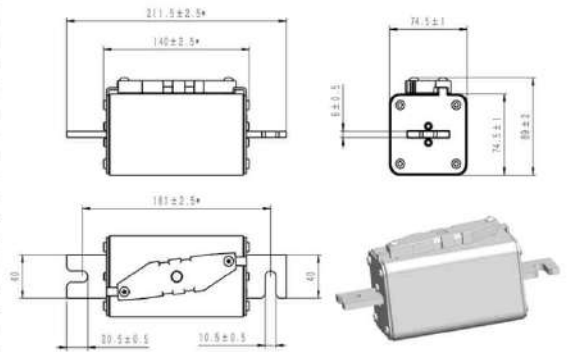
Bolted: xxxB-74E 长条螺栓横向安装

Connect	Part No.	Fuse Amps	Average @250KA/1500Vdc		Power Loss (W)		Approvals	
			A's Melting	A's Clearing	80%	100%	UL	TUV
Din	HCHVT1500-100U-74E	100A	1150	4680	48	60	•	•
	HCHVT1500-125U-74E	125A	1750	8350	52	68	•	•
	HCHVT1500-160U-74E	160A	3800	14000	68	90	•	•
	HCHVT1500-200U-74E	200A	5200	23500	82	110	•	•
	HCHVT1500-250U-74E	250A	10400	45000	92	120	•	•
	HCHVT1500-315U-74E	315A	21238	76760	104	136	•	•
	HCHVT1500-350U-74E	350A	29180	104691	113	148	•	•
	HCHVT1500-400U-74E	400A	38468	136083	130	171	•	•
	HCHVT1500-450U-74E	450A	54749	192815	143	187	•	•
	HCHVT1500-500U-74E	500A	74371	259379	155	204	•	•
	HCHVT1500-550U-74E	550A	93073	317075	169	221	•	•
	HCHVT1500-630U-74E	630A	131578	437610	189	248	•	•
	HCHVT1500-700U-74E	700A	182476	593977	202	273	•	•
	HCHVT1500-800U-74E	800A	283377	893774	218	294	•	•
	HCHVT1500-900U-74E	900A	408596	1247411	237	305	•	•
	HCHVT1500-1000U-74E	1000A	546988	1605152	282	362	•	•
	HCHVT1500-1100U-74E	1100A	751540	2129888	300	385	•	•
	HCHVT1500-1200U-74E	1200A	991418	2779209	305	391	•	•
	*HCHVT1500-1250U-74E	*1250A	1121162	3162024	314	401	•	•
	*HCHVT1500-1300U-74E	*1300A	1237919	3633554	323	414	•	•
	*HCHVT1500-1400U-74E	*1400A	1512932	4614614	328	420	•	•

•: UL: E533379 (100-800A) ; TUV: J50590376 (100-800A)

•: Application process to be determined

*: If there are any requirements, please communicate with the original factory staff first.



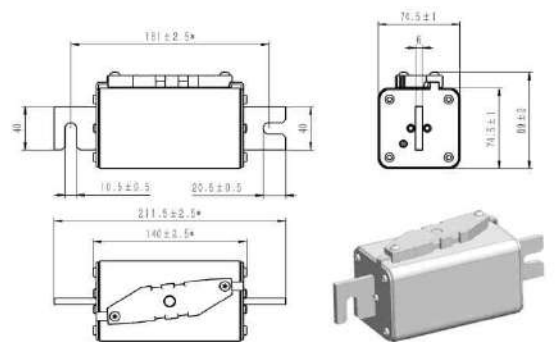
Din: xxxU-74E 勾叉螺栓横向安装

Connect	Part No.	Fuse Amps	Average @250KA/1500Vdc		Power Loss (W)		Approvals	
			A's Melting	A's Clearing	80%	100%	UL	TUV
Customize	HCHVT1500-100K-74E	100A	1150	4680	48	60	•	•
	HCHVT1500-125K-74E	125A	1750	8350	52	68	•	•
	HCHVT1500-160K-74E	160A	3800	14000	68	90	•	•
	HCHVT1500-200K-74E	200A	5200	23500	82	110	•	•
	HCHVT1500-250K-74E	250A	10400	45000	92	120	•	•
	HCHVT1500-315K-74E	315A	21238	76760	104	136	•	•
	HCHVT1500-350K-74E	350A	29180	104691	113	148	•	•
	HCHVT1500-400K-74E	400A	38468	136083	130	171	•	•
	HCHVT1500-450K-74E	450A	54749	192815	143	187	•	•
	HCHVT1500-500K-74E	500A	74371	259379	155	204	•	•
	HCHVT1500-550K-74E	550A	93073	317075	169	221	•	•
	HCHVT1500-630K-74E	630A	131578	437610	189	248	•	•
	HCHVT1500-700K-74E	700A	182476	593977	202	273	•	•
	HCHVT1500-800K-74E	800A	283377	893774	218	294	•	•
	HCHVT1500-900K-74E	900A	408596	1247411	237	305	•	•
	HCHVT1500-1000K-74E	1000A	546988	1605152	282	362	•	•
	HCHVT1500-1100K-74E	1100A	751540	2129888	300	385	•	•
	HCHVT1500-1200K-74E	1200A	991418	2779209	305	391	•	•
	*HCHVT1500-1250K-74E	*1250A	1121162	3162024	314	401	•	•
	*HCHVT1500-1300K-74E	*1300A	1237919	3633554	323	414	•	•
	*HCHVT1500-1400K-74E	*1400A	1512932	4614614	328	420	•	•

•: UL: E533379 (100-800A) ; TUV: J50590376 (100-800A) ;

•: Application process to be determined;

*: If there are any requirements, please communicate with the original factory staff first.



Customize: xxxK-74E 可定制 勾叉螺栓纵向安装

HCHVT1500-D-105ES Series.400-2000A/1500Vdc(Fast-Acting)

Square body fuse links
High speed fuses

Size: 4

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 1500Vdc;
- ✧ Amps 电流: 400-2000A;
- ✧ Interrupting Capacity 分断:
1500Vdc 50kA ($L/R \leq 15\text{ms}$);
- Min BC: > 2 In;
- Class Type 产品类别: aR

Standards / Approvals

认证/标准:

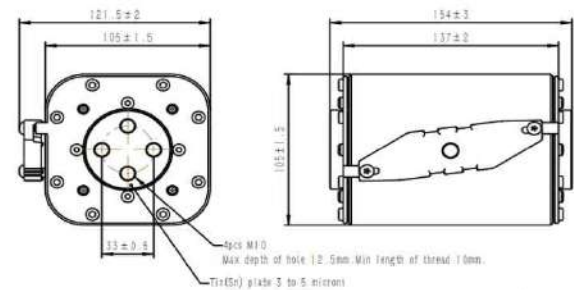
- ✧ Refer To UL 248-13, IEC 60269-4
性能参考UL 248-13, IEC 60269-4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE
- ✧ RoHS Compliant.
符合RoHS.

Fuse Ratings 额定参数

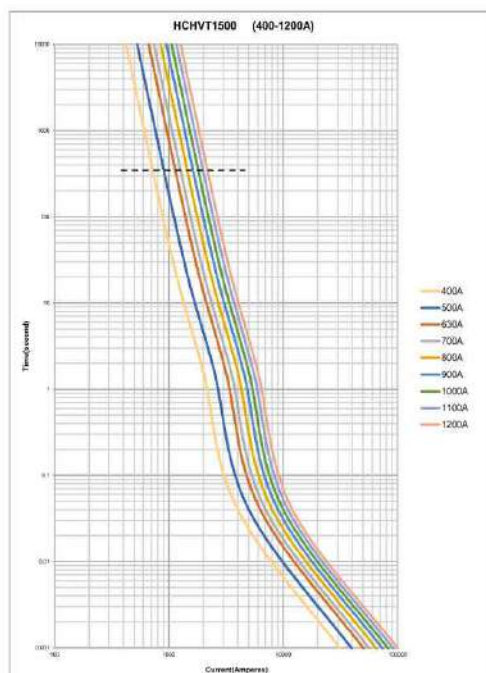
Part No.	Fuse Amps	Size	Average @ 50KA/1500Vdc		Power Loss (W) 1.0In
			A's Melting	A's Clearing	
HCHVT1500-400D-105ES	400	4 #	25,840	136,400	198
HCHVT1500-500D-105ES	500	4 #	57,350	275,430	200
HCHVT1500-630D-105ES	630	4 #	117,640	563,500	232
HCHVT1500-700D-105ES	700	4 #	164,320	783,000	249
HCHVT1500-800D-105ES	800	4 #	242,100	1,160,250	256
HCHVT1500-900D-105ES	900	4 #	345,700	1,668,800	277
HCHVT1500-1000D-105ES	1000	4 #	470,500	2,290,100	293
HCHVT1500-1100D-105ES	1100	4 #	625,200	3,005,000	312
HCHVT1500-1200D-105ES	1200	4 #	752,500	3,600,200	320
HCHVT1500-1250D-105ES	1250	4 #	915,200	4,430,000	325
HCHVT1500-1300D-105ES	1300	4 #	1,005,500	5,230,500	338
HCHVT1500-1350D-105ES	1350	4 #	1,290,000	6,245,000	348
HCHVT1500-1400D-105ES	1400	4 #	1,350,900	6,980,500	354
HCHVT1500-1500D-105ES	1500	4 #	1,580,560	7,630,000	362
HCHVT1500-1600D-105ES	1600	4 #	1,940,500	9,295,950	375
HCHVT1500-1800D-105ES	1800	4 #	2,728,600	13,120,650	394
*HCHVT1500-2000D-105ES	*2000	4 #	3,300,980	18,560,370	412

*: If there are any requirements, please communicate with the original factory staff first.

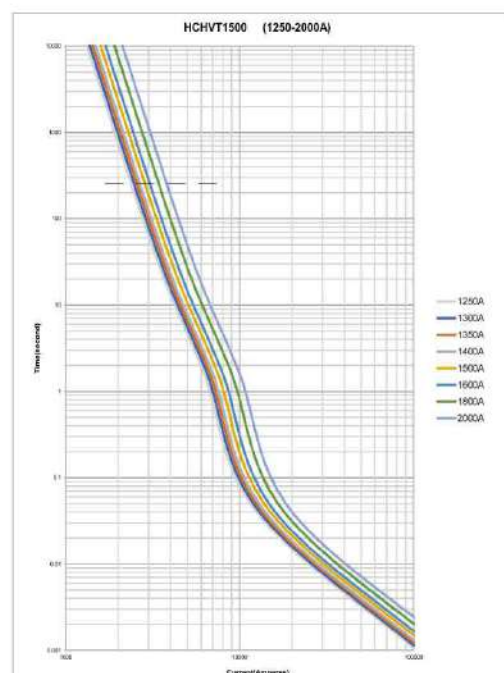
Dimensions (mm) 尺寸



Time-Current Curve 时间电流曲线图



1: The accuracy of the characteristic curve is $\pm 5\%$ of the current direction error;
2: Minimum breaking current: 2.0 In



1: The accuracy of the characteristic curve is $\pm 5\%$ of the current direction error;
2: Minimum breaking current: 2.0 In

HCHVT1500-S-105ES Series.400-2000A/1500Vdc(Fast-Acting)

Square body fuse links
High speed fuses

Size: 4

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 1500Vdc;
- ✧ Amps 电流: 400-2000A;
- ✧ Interrupting Capacity 分断:
1500Vdc 50kA (L/R ≤ 15ms);
Min BC: > 2 In;
Class Type产品类别: aR

Standards / Approvals

认证/标准:

- ✧ Refer To UL 248-13, IEC 60269-4
性能参考UL 248-13, IEC 60269-4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE
- ✧ RoHS Compliant.
符合RoHS。

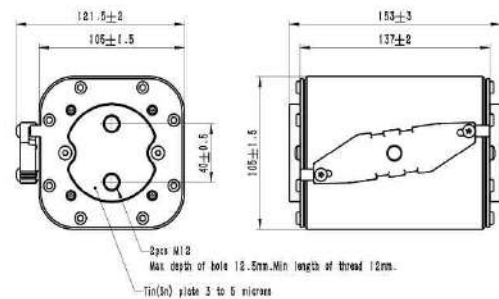


Fuse Ratings 额定参数

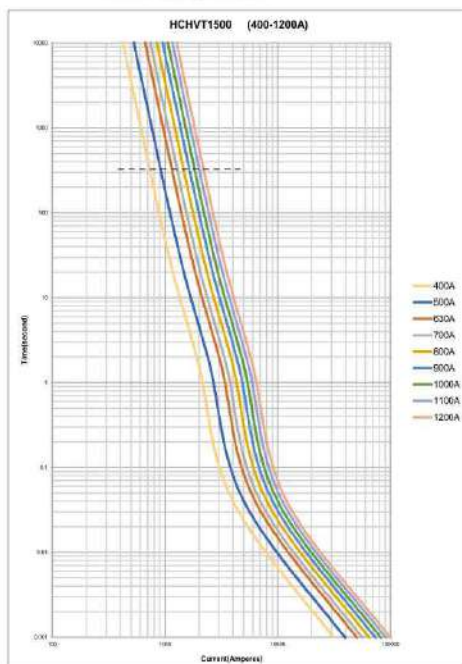
Part No.	Fuse		Average @ 50KA/1500Vdc		Power Loss (W) 1.0In
	Amps	Size	A's Melting	A's Clearing	
HCHVT1500-400S-105ES	400	4 #	25,840	136,400	198
HCHVT1500-500S-105ES	500	4 #	57,350	275,430	200
HCHVT1500-630S-105ES	630	4 #	117,640	563,500	232
HCHVT1500-700S-105ES	700	4 #	164,320	783,000	249
HCHVT1500-800S-105ES	800	4 #	242,100	1,160,250	256
HCHVT1500-900S-105ES	900	4 #	345,700	1,668,800	277
HCHVT1500-1000S-105ES	1000	4 #	470,500	2,290,100	293
HCHVT1500-1100S-105ES	1100	4 #	625,200	3,005,000	312
HCHVT1500-1200S-105ES	1200	4 #	752,500	3,600,200	320
HCHVT1500-1250S-105ES	1250	4 #	915,200	4,430,000	325
HCHVT1500-1300S-105ES	1300	4 #	1,005,500	5,230,500	338
HCHVT1500-1350S-105ES	1350	4 #	1,290,000	6,245,000	348
HCHVT1500-1400S-105ES	1400	4 #	1,350,900	6,980,500	354
HCHVT1500-1500S-105ES	1500	4 #	1,580,560	7,630,000	362
HCHVT1500-1600S-105ES	1600	4 #	1,940,500	9,295,950	375
HCHVT1500-1800S-105ES	1800	4 #	2,728,600	13,120,650	394
*HCHVT1500-2000S-105ES	*2000	4 #	3,300,980	18,560,370	412

*: If there are any requirements, please communicate with the original factory staff first.

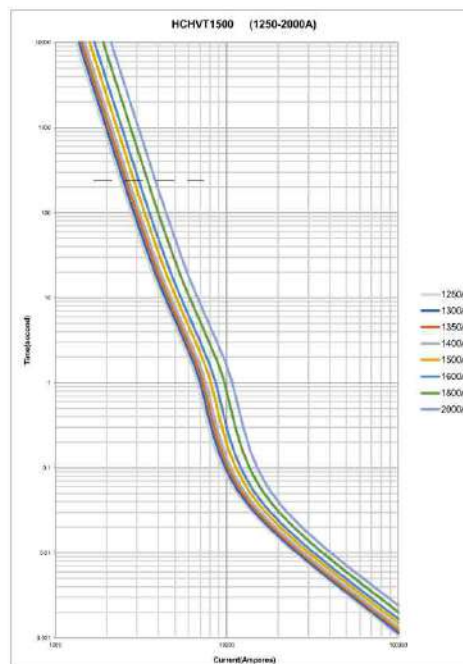
Dimensions (mm) 尺寸



Time-Current Curve 时间电流曲线图



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 2.0 In



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 2.0 In

HCHVT1500-D-105E Series.400-2000A/1500Vdc(Fast-Acting)

Square body fuse links
High speed fuses

Size: 4

Ratings&Features Applications

电气参数/功能应用领域:

- Volts 电压: 1500Vdc;
- Amps 电流: 400-2000A;
- Interrupting Capacity 分断:
1500Vdc 250kA (L/R ≤ 5ms);
- Min BC: > 2 In;
- Class Type产品类别: aR

Standards / Approvals

认证/标准:

- Refer To UL 248-13, IEC 60269-4
性能参考UL 248-13, IEC 60269-4;
- Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- CE
- RoHS Compliant.
符合RoHS。

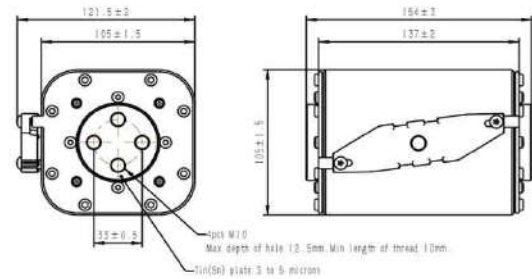


Fuse Ratings 额定参数

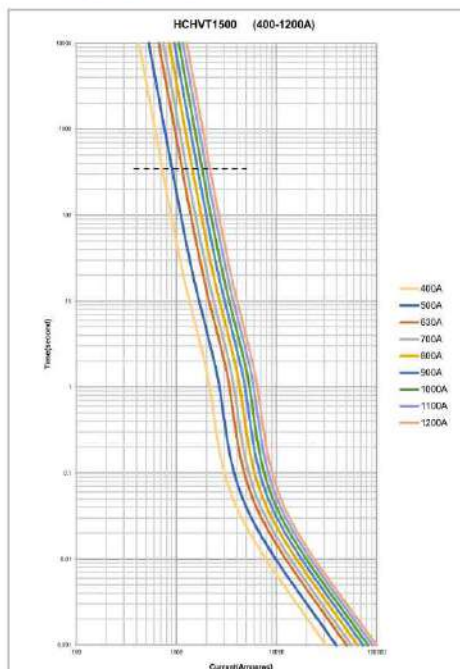
Part No.	Fuse Amps	Size	Average @ 250KA/1500Vdc		Power Loss (W) 1.0In
			A's Melting	A's Clearing	
HCHVT1500-400D-105E	400	4 #	25,834	136,415	190
HCHVT1500-500D-105E	500	4 #	57,389	276,828	195
HCHVT1500-630D-105E	630	4 #	117,654	567,527	228
HCHVT1500-700D-105E	700	4 #	162,326	783,014	245
HCHVT1500-800D-105E	800	4 #	240,110	1,158,220	255
HCHVT1500-900D-105E	900	4 #	345,759	1,667,836	276
HCHVT1500-1000D-105E	1000	4 #	470,616	2,270,110	290
HCHVT1500-1100D-105E	1100	4 #	623,250	3,006,366	310
HCHVT1500-1200D-105E	1200	4 #	754,483	3,620,561	319
HCHVT1500-1250D-105E	1250	4 #	918,230	4,429,260	326
HCHVT1500-1300D-105E	1300	4 #	1,009,830	5,254,527	335
HCHVT1500-1350D-105E	1350	4 #	1,294,848	6,245,949	347
HCHVT1500-1400D-105E	1400	4 #	1,399,970	6,986,564	352
HCHVT1500-1500D-105E	1500	4 #	1,581,795	7,630,093	360
HCHVT1500-1600D-105E	1600	4 #	1,927,554	9,297,929	372
HCHVT1500-1800D-105E	1800	4 #	2,734,600	13,190,870	392
*HCHVT1500-2000D-105E	*2000	4 #	3,603,985	18,860,380	410

*: If there are any requirements, please communicate with the original factory staff first.

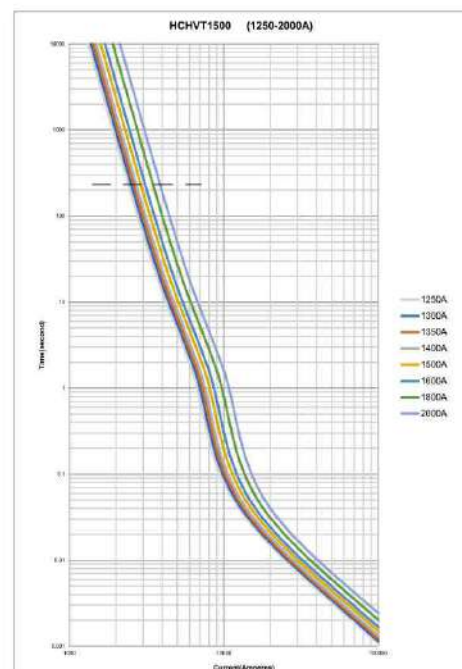
Dimensions (mm) 尺寸



Time-Current Curve 时间电流曲线图



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 2.0 In



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 2.0 In

HCHVT1500-S-105E Series.400-2000A/1500Vdc(Fast-Acting)

Square body fuse links
High speed fuses

Size: 4



Ratings&Features Applications 电气参数/功能应用领域:

- ✧ Volts 电压: 1500Vdc;
- ✧ Amps 电流: 400-2000A;
- ✧ Interrupting Capacity 分断:
1500Vdc 250kA ($L/R \leq 5ms$);
Min BC: $> 2 In$;
Class Type 产品类别: aR

Standards / Approvals 认证/标准:

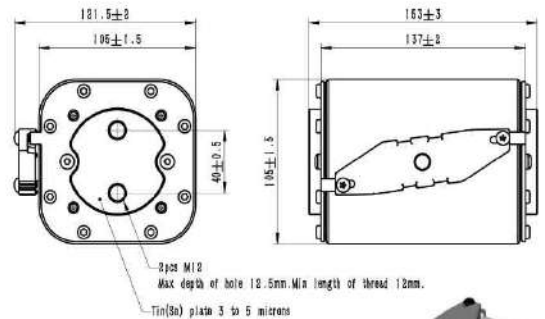
- ✧ Refer To UL 248-13, IEC 60269-4
性能参考UL 248-13, IEC 60269-4;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE
- ✧ RoHS Compliant.
符合RoHS。

Fuse Ratings 额定参数

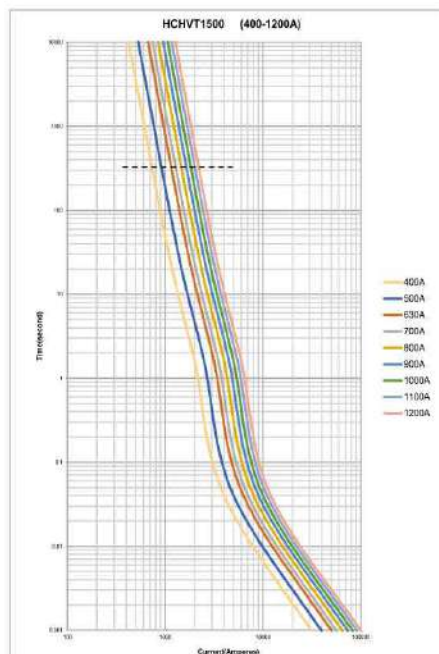
Part No.	Fuse Amps	Size	Average @ 250KA/1500Vdc		Power Loss (W) 1.0In
			A's Melting	A's Clearing	
HCHVT1500-400S-105E	400	4 #	25,834	136,415	190
HCHVT1500-500S-105E	500	4 #	57,389	276,828	195
HCHVT1500-630S-105E	630	4 #	117,654	567,527	228
HCHVT1500-700S-105E	700	4 #	162,326	783,014	245
HCHVT1500-800S-105E	800	4 #	240,110	1,158,220	255
HCHVT1500-900S-105E	900	4 #	345,759	1,667,836	276
HCHVT1500-1000S-105E	1000	4 #	470,616	2,270,110	290
HCHVT1500-1100S-105E	1100	4 #	623,250	3,006,366	310
HCHVT1500-1200S-105E	1200	4 #	754,483	3,620,561	319
HCHVT1500-1250S-105E	1250	4 #	918,230	4,429,260	326
HCHVT1500-1300S-105E	1300	4 #	1,009,830	5,254,527	335
HCHVT1500-1350S-105E	1350	4 #	1,294,848	6,245,949	347
HCHVT1500-1400S-105E	1400	4 #	1,399,970	6,986,564	352
HCHVT1500-1500S-105E	1500	4 #	1,581,795	7,630,093	360
HCHVT1500-1600S-105E	1600	4 #	1,927,554	9,297,929	372
HCHVT1500-1800S-105E	1800	4 #	2,734,600	13,190,870	392
*HCHVT1500-2000S-105E	*2000	4 #	3,603,965	18,860,380	410

*: If there are any requirements, please communicate with the original factory staff first.

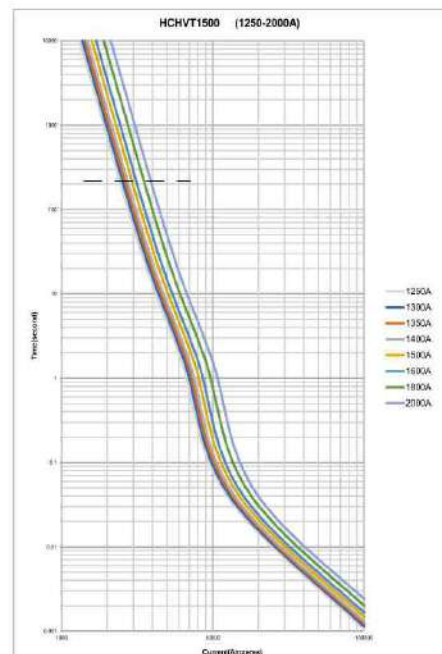
Dimensions (mm) 尺寸



Time-Current Curve 时间电流曲线图



1: The accuracy of the characteristic curve is $\pm 5\%$ of the current direction error;
2: Minimum breaking current: 2.0 In



1: The accuracy of the characteristic curve is $\pm 5\%$ of the current direction error;
2: Minimum breaking current: 2.0 In

HCHVT1500-159E Series.1400-3000A/1500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 1500Vdc;
- ✧ Amps电流: 1400-3000A;
- ✧ Interrupting Capacity分断:
250kA@1500Vdc;(L/R≤4ms)
100kA@1500Vdc;(L/R≤15ms)

Standards / Approvals

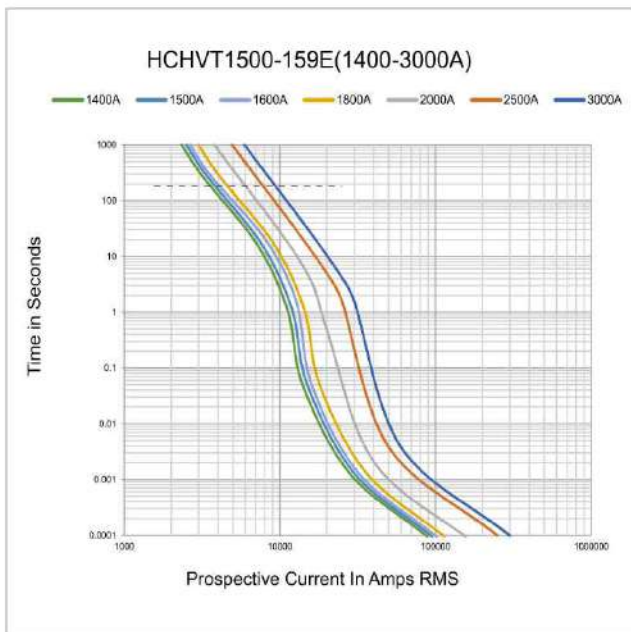
认证/标准:

- ✧ Refer To UL 248-13;
性能参考UL 248-13;
- ✧ UL Listed, Std248-13, File E533379
- ✧ Reach Declaration Available Upon Request
可根据要求提供REACH声明;
- ✧ UL, CE;
- ✧ RoHS Compliant.
符合RoHS。

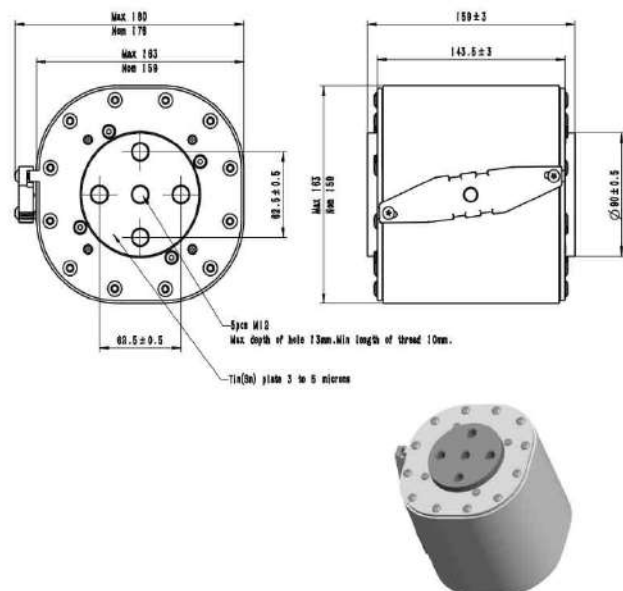
High speed fuses



Time - Current Curve 时间电流曲线图



Dimensions (mm) 尺寸



Fuse Ratings 额定参数

Part No.	Fuse Amps	Average 250KA@1500Vdc		Power Loss (W)	Approvals UL
		Pre-Arcing I ² t (A ² s)	Max Operating I ² t (A ² s)		
HCHVT1500-1400A-159E	1400A	833,250	3,024,000	350	●
HCHVT1500-1500A-159E	1500A	1,078,000	3,759,500	370	●
HCHVT1500-1600A-159E	1600A	1,325,700	5,435,000	420	●
HCHVT1500-1800A-159E	1800A	1,980,000	5,750,000	460	●
HCHVT1500-2000A-159E	2000A	2,530,000	7,910,000	475	●
HCHVT1500-2500A-159E	2500A	4,696,500	14,294,000	520	●
HCHVT1500-3000A-159E	3000A	8,505,000	25,029,000	590	●

HCPVT1500-59ES Series.50-630A/1500Vdc(PV Fuses)

Square body fuse links
Photovoltaic Fuses

Ratings&Features Applications

电气参数/功能应用领域:

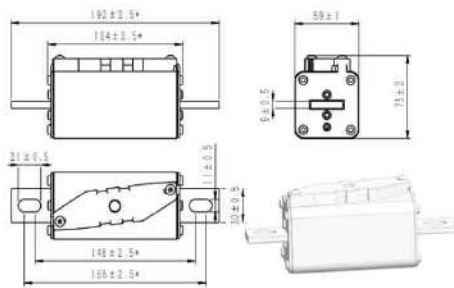
- Volts 电压: 1500Vdc;
- Amps 电流: 50-630A;
- Breaking Capacity 分断:
Max Dc 50kA 1500Vdc;
- Class Type 产品类别: gPV;

Standards / Approvals

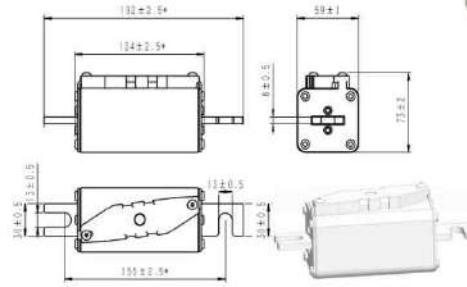
认证/标准:

- Refer To UL-248-19/IEC 60269-1/6;
性能参考UL-248-19/IEC 60269-1/6;
- Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- RoHS Compliant.
符合RoHS。

Dimensions (mm)尺寸



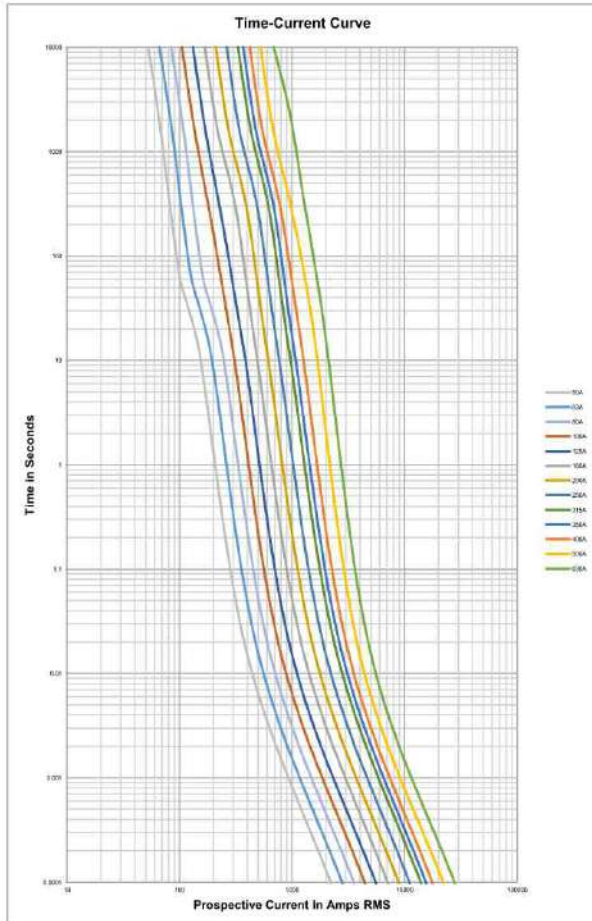
Bolted: xxB-59ES 长条螺栓横向安装



Din: xxxU-59ES 勾叉螺栓横向安装



Time-Current Curve时间电流曲线图



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Average @50KA/1500Vdc		Power Loss (W)		Approvals
			A's Melting	A't Clearing	100%	70%	
Bolted 59ES	HCPVT1500-50B-59ES	50A	800	3,500	20	8	Pending
	HCPVT1500-63B-59ES	63A	1,500	5,400	32	20	Pending
	HCPVT1500-80B-59ES	80A	2,600	9,600	38	23	Pending
	HCPVT1500-100B-59ES	100A	3,700	13,000	48	28	Pending
	HCPVT1500-125B-59ES	125A	5,400	21,000	60	32	Pending
	HCPVT1500-160B-59ES	160A	8,400	32,000	68	36	Pending
	HCPVT1500-200B-59ES	200A	13,500	55,000	79	40	Pending
	HCPVT1500-250B-59ES	250A	26,500	105,000	82	45	Pending
	HCPVT1500-315B-59ES	315A	50,500	201,500	95	55	Pending
	HCPVT1500-350B-59ES	350A	65,000	320,000	100	57	Pending
	HCPVT1500-400B-59ES	400A	85,000	354,000	109	64	Pending
	HCPVT1500-500B-59ES	500A	217,000	750,000	121	71	Pending
	HCPVT1500-630B-59ES	630A	434,000	1,150,000	128	76	Pending

✦ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25℃;

Connect	Part No.	Fuse Amps	Average @50KA/1500Vdc		Power Loss (W)		Approvals
			A's Melting	A't Clearing	100%	70%	
Din 59ES	HCPVT1500-50U-59ES	50A	800	3,500	20	8	Pending
	HCPVT1500-63U-59ES	63A	1,500	5,400	32	20	Pending
	HCPVT1500-80U-59ES	80A	2,600	9,600	38	23	Pending
	HCPVT1500-100U-59ES	100A	3,700	13,000	48	28	Pending
	HCPVT1500-125U-59ES	125A	5,400	21,000	60	32	Pending
	HCPVT1500-160U-59ES	160A	8,400	32,000	68	36	Pending
	HCPVT1500-200U-59ES	200A	13,500	55,000	79	40	Pending
	HCPVT1500-250U-59ES	250A	26,500	105,000	82	45	Pending
	HCPVT1500-315U-59ES	315A	50,500	201,500	95	55	Pending
	HCPVT1500-350U-59ES	350A	65,000	320,000	100	57	Pending
	HCPVT1500-400U-59ES	400A	85,000	354,000	109	64	Pending
	HCPVT1500-500U-59ES	500A	217,000	750,000	121	71	Pending
	HCPVT1500-630U-59ES	630A	434,000	1,150,000	128	76	Pending

✦ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25℃;

HCPVT1500-74ES Series.100-800A/1500Vdc(PV Fuses)

Square body fuse links
Photovoltaic Fuses

Ratings&Features Applications

电气参数/功能应用领域:

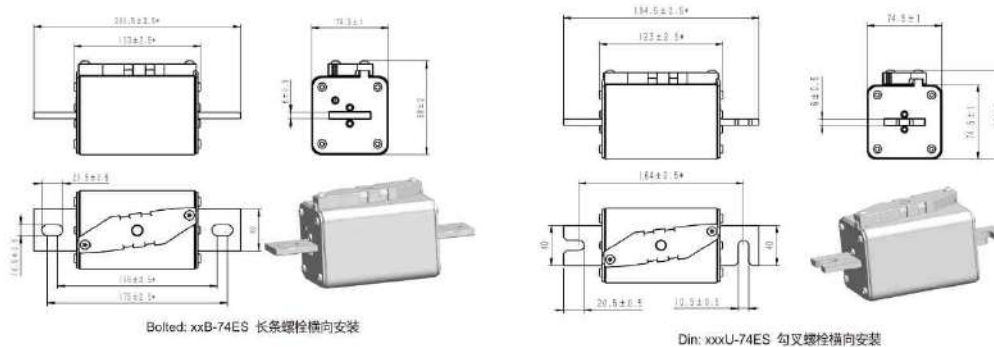
- ✧ Volts 电压: 1500Vdc;
- ✧ Amps 电流: 100-800A;
- ✧ Breaking Capacity 分断:
Max Dc 50kA 1500Vdc;
- ✧ Class Type 产品类别: gPV;

Standards / Approvals

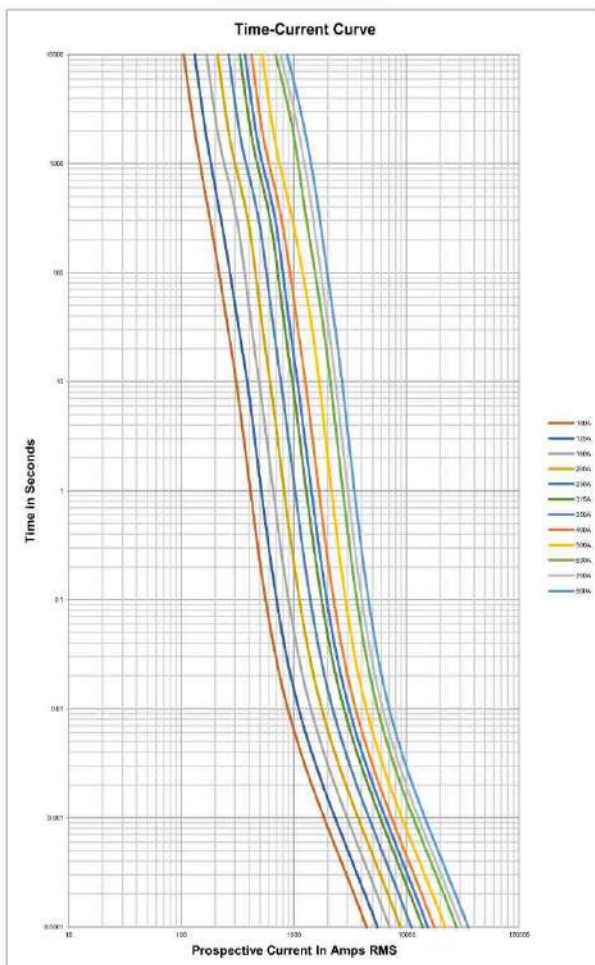
认证/标准:

- ✧ Refer To UL-248-19/IEC 60269-1/6;
性能参考UL-248-19/IEC 60269-1/6;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ RoHS Compliant.
符合RoHS。

Dimensions (mm)尺寸



Time-Current Curve时间电流曲线图



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Average @50KA/1500Vdc		Power Loss (W)		Approvals
			A's Melting	A't Clearing	100%	70%	UL
Bolted 74ES	HCPVT1500-100B-74ES	100A	3,700	13,000	48	28	Pending
	HCPVT1500-125B-74ES	125A	5,400	21,000	60	32	Pending
	HCPVT1500-160B-74ES	160A	8,400	32,000	68	36	Pending
	HCPVT1500-200B-74ES	200A	13,500	55,000	79	40	Pending
	HCPVT1500-250B-74ES	250A	26,500	105,000	82	45	Pending
	HCPVT1500-315B-74ES	315A	50,500	201,500	95	55	Pending
	HCPVT1500-350B-74ES	350A	65,000	320,000	100	58	Pending
	HCPVT1500-400B-74ES	400A	85,000	354,000	110	65	Pending
	HCPVT1500-500B-74ES	500A	217,000	750,000	125	72	Pending
	HCPVT1500-630B-74ES	630A	434,000	1,150,000	130	78	Pending
	HCPVT1500-700B-74ES	700A	510,900	1,450,000	142	86	Pending
	HCPVT1500-800B-74ES	800A	786,000	1,865,000	155	94	Pending

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25 °C;

Connect	Part No.	Fuse Amps	Average @50KA/1500Vdc		Power Loss (W)		Approvals
			A's Melting	A't Clearing	100%	70%	UL
Din 74ES	HCPVT1500-100U-74ES	100A	3,700	13,000	48	28	Pending
	HCPVT1500-125U-74ES	125A	5,400	21,000	60	32	Pending
	HCPVT1500-160U-74ES	160A	8,400	32,000	68	36	Pending
	HCPVT1500-200U-74ES	200A	13,500	55,000	79	40	Pending
	HCPVT1500-250U-74ES	250A	26,500	105,000	82	45	Pending
	HCPVT1500-315U-74ES	315A	50,500	201,500	95	55	Pending
	HCPVT1500-350U-74ES	350A	65,000	320,000	100	58	Pending
	HCPVT1500-400U-74ES	400A	85,000	354,000	110	65	Pending
	HCPVT1500-500U-74ES	500A	217,000	750,000	125	72	Pending
	HCPVT1500-630U-74ES	630A	434,000	1,150,000	130	78	Pending
	HCPVT1500-700U-74ES	700A	510,900	1,450,000	142	86	Pending
	HCPVT1500-800U-74ES	800A	786,000	1,865,000	155	94	Pending

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25 °C;

HCBDG1-K Series.200-450A/250Vdc(Fast-Acting)

Square body fuse links

Size: 1#

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 250Vdc;
- ✧ Amps 电流: 200-450A;
- ✧ Interrupting Capacity 分断:
Max 250Vdc 50kA; (L/R≤5ms)
Min BC ≥ 5In;
- ✧ Class Type 产品类别: aR;

Standards / Approvals

认证/标准:

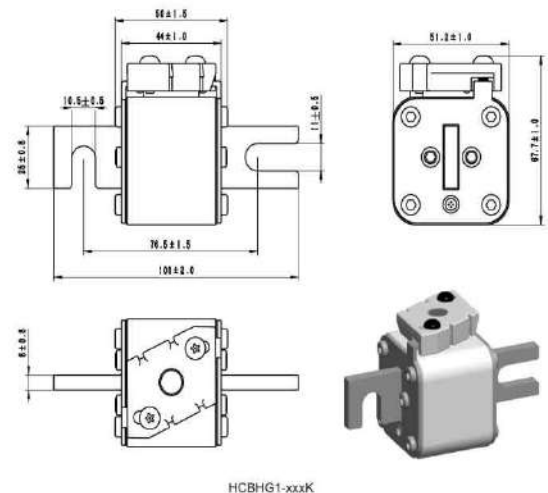
- ✧ Refer To UL 248.13
性能参考UL 248.13;
- ✧ CE;
- ✧ RoHS Compliant.
符合RoHS。

Fuse Ratings 额定参数

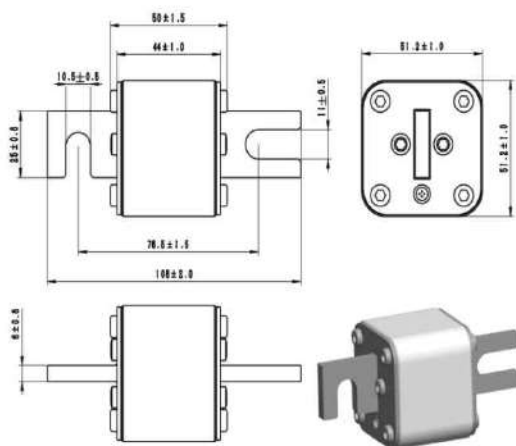
Part No.	Fuse Amps	Size	Average @50KA/250Vdc		Power Loss (W) 100%
			A ² 's Melting	A ² 't Clearing	
HCBDG1-200K	200	1#	11,590	138,180	18
HCBDG1-250K	250	1#	19,850	233,940	20
HCBDG1-275K	275	1#	28,450	335,580	23
HCBDG1-315K	315	1#	39,490	478,690	25
HCBDG1-350K	350	1#	50,540	616,350	26
HCBDG1-400K	400	1#	68,980	848,350	28
HCBDG1-450K	450	1#	101,600	1,290,200	39

Optional base indicator, the standard product is the "Default" configuration.
Default: K--with fuse indication, e.g.: HCBDG1-450K
Optional: KN--without fuse indication, e.g.: HCBDG1-450KN;

Dimensions(mm) 尺寸

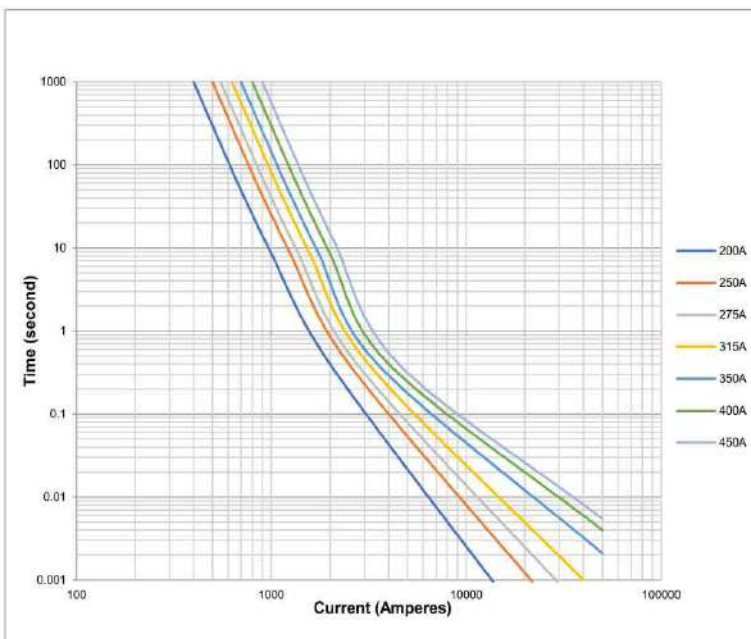


HCBHG1-xxxK



HCBHG1-xxxKN

Time-Current Curve 时间电流曲线图



- 1: The accuracy of the characteristic curve is ±15% of the current direction error;
- 2: Minimum breaking current: 5.0 In

HCBFG4-D-105ES Series.400-2000A/1500Vdc(ESS)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 1500Vdc;
- ✧ Amps 电流: 400-2000A;
- ✧ Interrupting Capacity 分断:
1500Vdc 50kA (L/R ≤ 15ms);
- Min BC: > 3 In;
- Class Type 产品类别: aR

Standards / Approvals

认证/标准:

- ✧ Refer To UL 248-13;
性能参考UL 248-13;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE
- ✧ RoHS Compliant.
符合RoHS。

Square body fuse links

ESS4

Size: 4

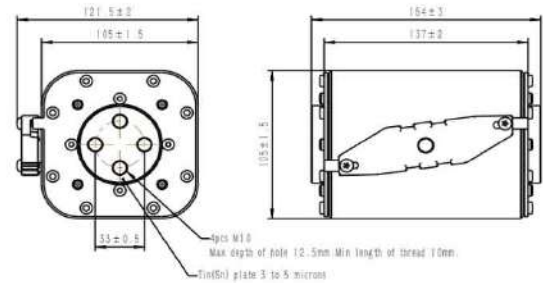


Fuse Ratings 额定参数

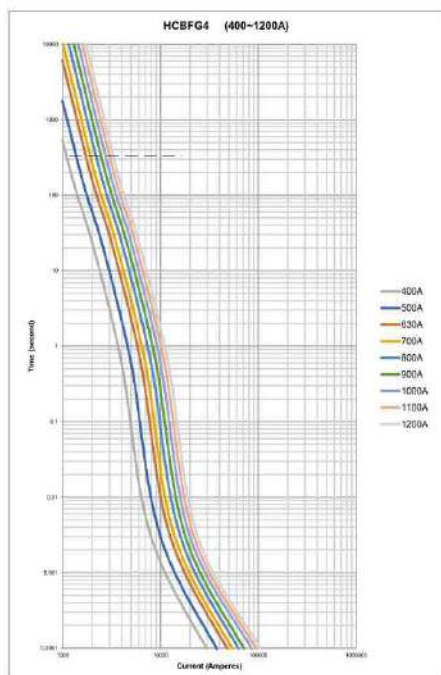
Part No.	Fuse		Average @ 50KA/1500Vdc		Power Loss (W) 1.0In
	Amps	Size	A's Melting	A's Clearing	
HCBFG4-400D-105ES	400	4 #	42,250	255,800	168
HCBFG4-500D-105ES	500	4 #	93,500	585,500	175
HCBFG4-630D-105ES	630	4 #	163,000	1,020,500	185
HCBFG4-700D-105ES	700	4 #	225,500	1,320,000	192
HCBFG4-800D-105ES	800	4 #	310,000	1,970,000	196
HCBFG4-900D-105ES	900	4 #	425,000	2,600,000	200
HCBFG4-1000D-105ES	1000	4 #	640,000	4,005,000	210
HCBFG4-1100D-105ES	1100	4 #	780,300	4,950,000	220
HCBFG4-1200D-105ES	1200	4 #	915,000	5,865,500	242
HCBFG4-1250D-105ES	1250	4 #	1,080,000	7,150,600	255
HCBFG4-1300D-105ES	1300	4 #	1,300,000	8,040,000	260
HCBFG4-1350D-105ES	1350	4 #	1,320,000	9,060,000	266
HCBFG4-1400D-105ES	1400	4 #	1,665,000	10,700,000	275
HCBFG4-1500D-105ES	1500	4 #	1,870,000	11,950,500	282
HCBFG4-1600D-105ES	1600	4 #	2,235,000	14,880,000	294
HCBFG4-1800D-105ES	1800	4 #	2,850,000	17,950,000	313
*HCBFG4-2000D-105ES	*2000	4 #	3,750,000	23,900,000	345

*: If there are any requirements, please communicate with the original factory staff first.

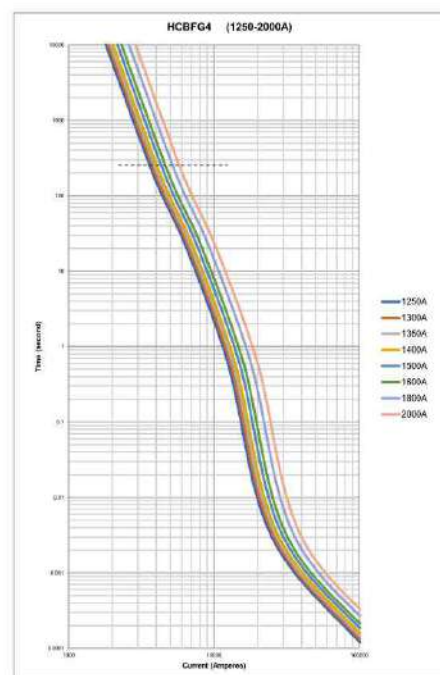
Dimensions (mm) 尺寸



Time-Current Curve 时间电流曲线图



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 3.0 In



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 3.0 In

HCBFG4-S-105ES Series.400-2000A/1500Vdc(ESS)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 1500Vdc;
- ✧ Amps电流: 400-2000A;
- ✧ Interrupting Capacity分断: 1500Vdc 50kA (L/R≤15ms) ;
- Min BC: > 3 In;
- Class Type产品类别: aR

Standards / Approvals

认证/标准:

- ✧ Refer To UL 248-13;
- 性能参考UL 248-13;
- ✧ Reach Declaration Available Upon Request;
- 可根据要求提供REACH声明;
- ✧ CE
- ✧ RoHS Compliant.
- 符合RoHS。

Square body fuse links

ESS4

Size: 4

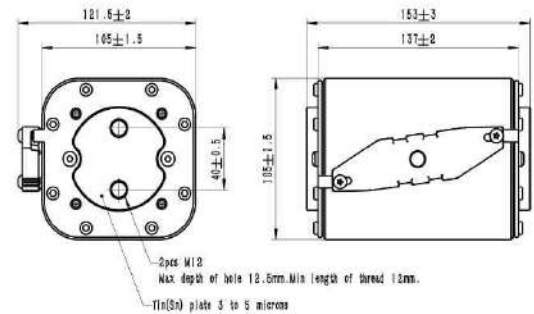


Fuse Ratings 额定参数

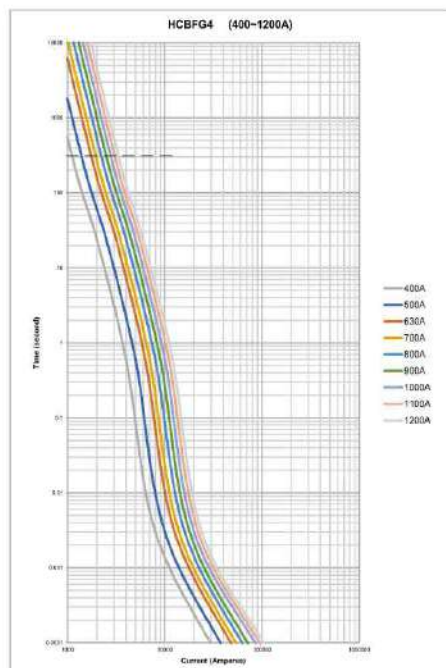
Part No.	Fuse		Average @ 50KA/1500Vdc		Power Loss (W) 1.0In
	Amps	Size	A's Melting	A's Clearing	
HCBFG4-400S-105ES	400	4 #	42,250	255,800	168
HCBFG4-500S-105ES	500	4 #	93,500	585,500	175
HCBFG4-630S-105ES	630	4 #	163,000	1,020,500	185
HCBFG4-700S-105ES	700	4 #	225,500	1,320,000	192
HCBFG4-800S-105ES	800	4 #	310,000	1,970,000	196
HCBFG4-900S-105ES	900	4 #	425,000	2,600,000	200
HCBFG4-1000S-105ES	1000	4 #	640,000	4,005,000	210
HCBFG4-1100S-105ES	1100	4 #	780,300	4,950,000	220
HCBFG4-1200S-105ES	1200	4 #	915,000	5,865,500	242
HCBFG4-1250S-105ES	1250	4 #	1,080,000	7,150,600	255
HCBFG4-1300S-105ES	1300	4 #	1,300,000	8,040,000	260
HCBFG4-1350S-105ES	1350	4 #	1,320,000	9,060,000	266
HCBFG4-1400S-105ES	1400	4 #	1,665,000	10,700,000	275
HCBFG4-1500S-105ES	1500	4 #	1,870,000	11,950,500	282
HCBFG4-1600S-105ES	1600	4 #	2,235,000	14,880,000	294
HCBFG4-1800S-105ES	1800	4 #	2,850,000	17,950,000	313
*HCBFG4-2000S-105ES	*2000	4 #	3,750,000	23,900,000	345

*: If there are any requirements, please communicate with the original factory staff first.

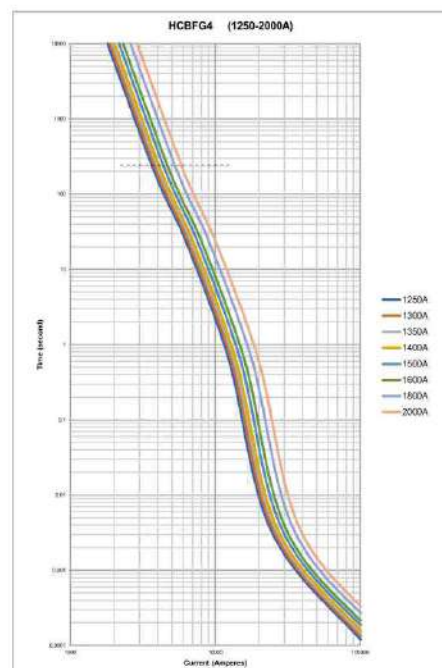
Dimensions (mm) 尺寸



Time-Current Curve时间电流曲线图



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 3.0 In



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 3.0 In

HCBFG4-D-105E Series.400-2000A/1500Vdc(ESS)

Square body fuse links ESS4

Size: 4



Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 1500Vdc;
- ✧ Amps 电流: 400-2000A;
- ✧ Interrupting Capacity 分断: 1500Vdc 250kA (L/R ≤ 5ms);
- Min BC: > 3 In;
- Class Type 产品类别: aR

Standards / Approvals

认证/标准:

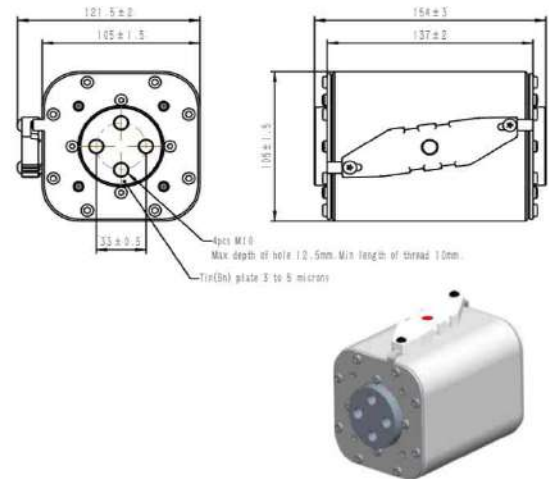
- ✧ Refer To UL 248-13;
- 性能参考UL 248-13;
- ✧ Reach Declaration Available Upon Request;
- 可根据要求提供REACH声明;
- ✧ CE
- ✧ RoHS Compliant.
- 符合RoHS。

Fuse Ratings 额定参数

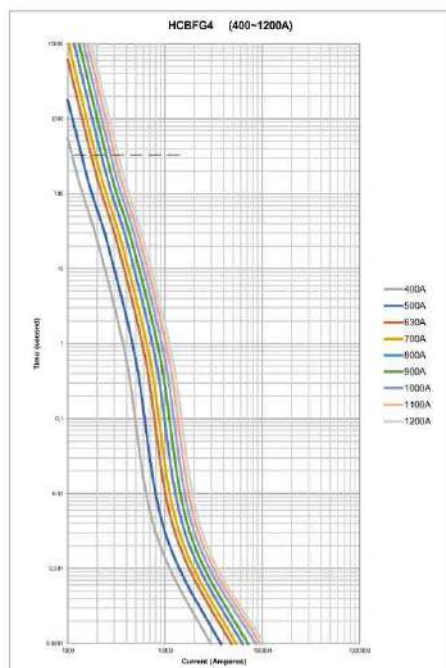
Part No.	Fuse Amps	Size	Average @ 250KA/1500Vdc		Power Loss (W) 1.0In
			A's Melting	A's Clearing	
HCBFG4-400D-105E	400	4 #	42,500	267,800	165
HCBFG4-500D-105E	500	4 #	93,700	593,500	172
HCBFG4-630D-105E	630	4 #	165,000	1,060,000	184
HCBFG4-700D-105E	700	4 #	223,500	1,420,000	190
HCBFG4-800D-105E	800	4 #	317,000	2,010,000	194
HCBFG4-900D-105E	900	4 #	443,000	2,800,500	203
HCBFG4-1000D-105E	1000	4 #	665,000	4,190,000	210
HCBFG4-1100D-105E	1100	4 #	795,600	5,050,400	220
HCBFG4-1200D-105E	1200	4 #	954,000	6,065,670	243
HCBFG4-1250D-105E	1250	4 #	1,154,000	7,250,780	255
HCBFG4-1300D-105E	1300	4 #	1,331,000	8,520,500	261
HCBFG4-1350D-105E	1350	4 #	1,450,000	9,140,800	268
HCBFG4-1400D-105E	1400	4 #	1,765,000	11,200,500	273
HCBFG4-1500D-105E	1500	4 #	1,934,000	12,175,530	280
HCBFG4-1600D-105E	1600	4 #	2,435,000	15,580,500	291
HCBFG4-1800D-105E	1800	4 #	3,045,000	19,200,700	310
*HCBFG4-2000D-105E	*2000	4 #	4,050,000	25,820,000	348

*: If there are any requirements, please communicate with the original factory staff first.

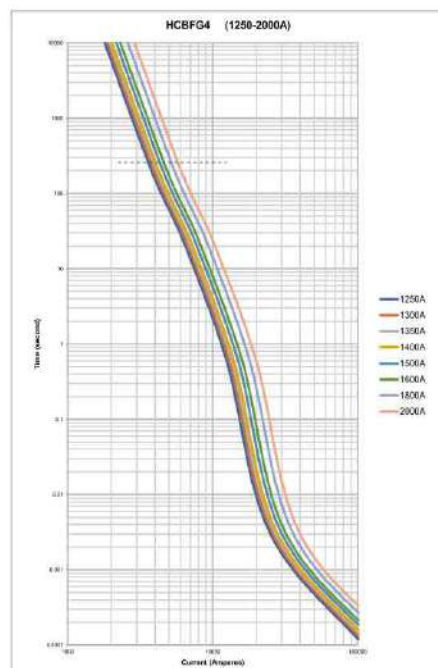
Dimensions (mm) 尺寸



Time-Current Curve 时间电流曲线图



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 3.0 In



1: The accuracy of the characteristic curve is ±5% of the current direction error;
2: Minimum breaking current: 3.0 In

HCBFG4-S-105E Series.400-2000A/1500Vdc(ESS)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 1500Vdc;
- ✧ Amps电流: 400-2000A;
- ✧ Interrupting Capacity分断:
1500Vdc 250kA (L/R≤5ms) ;
- Min BC: > 3 In;
- Class Type产品类别: aR

Standards / Approvals

认证/标准:

- ✧ Refer To UL 248-13;
- 性能参考UL 248-13;
- ✧ Reach Declaration Available Upon Request;
- 可根据要求提供REACH声明;
- ✧ CE
- ✧ RoHS Compliant.
- 符合RoHS。

Square body fuse links

ESS4

Size: 4

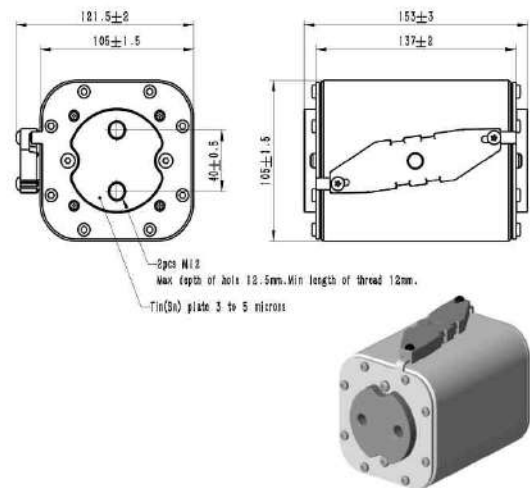


Fuse Ratings 额定参数

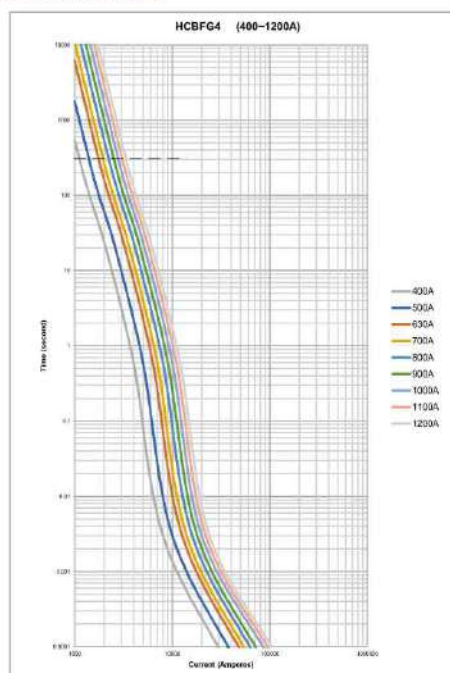
Part No.	Fuse Amps	Size	Average @ 250KA/1500Vdc		Power Loss (W) 1.0In
			A's Melting	A's Clearing	
HCBFG4-400S-105E	400	4 #	42,500	267,800	165
HCBFG4-500S-105E	500	4 #	93,700	593,500	172
HCBFG4-630S-105E	630	4 #	165,000	1,060,000	184
HCBFG4-700S-105E	700	4 #	223,500	1,420,000	190
HCBFG4-800S-105E	800	4 #	317,000	2,010,000	194
HCBFG4-900S-105E	900	4 #	443,000	2,800,500	203
HCBFG4-1000S-105E	1000	4 #	665,000	4,190,000	210
HCBFG4-1100S-105E	1100	4 #	795,600	5,050,400	220
HCBFG4-1200S-105E	1200	4 #	954,000	6,065,670	243
HCBFG4-1250S-105E	1250	4 #	1,154,000	7,250,780	255
HCBFG4-1300S-105E	1300	4 #	1,331,000	8,520,500	261
HCBFG4-1350S-105E	1350	4 #	1,450,000	9,140,800	268
HCBFG4-1400S-105E	1400	4 #	1,765,000	11,200,500	273
HCBFG4-1500S-105E	1500	4 #	1,934,000	12,175,530	280
HCBFG4-1600S-105E	1600	4 #	2,435,000	15,580,500	291
HCBFG4-1800S-105E	1800	4 #	3,045,000	19,200,700	310
*HCBFG4-2000S-105E	*2000	4 #	4,050,000	25,820,000	348

*: If there are any requirements, please communicate with the original factory staff first.

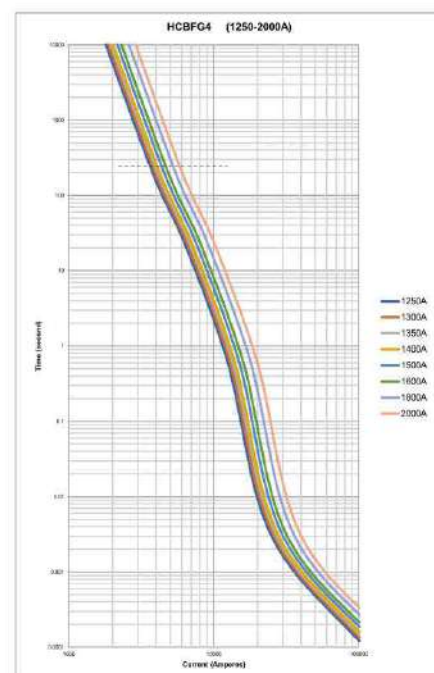
Dimensions (mm) 尺寸



Time-Current Curve时间电流曲线图



1: The accuracy of the characteristic curve is ±5% of the current direction error.
2: Minimum breaking current: 3.0 In



1: The accuracy of the characteristic curve is ±5% of the current direction error.
2: Minimum breaking current: 3.0 In

HCBMG5 Series.1400-3000A/2000Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 2000Vdc max;
- ✧ Amps 电流: 1400-3000A;
- ✧ Interrupting Capacity 分断:
2000Vdc 100kA ($L/R \leq 5\text{ms}$) ;
1500Vdc 250kA ($L/R \leq 5\text{ms}$) ;
MinBC: $\geq 3\text{In}$;
- Class Type 产品类别: aR

Standards / Approvals

认证/标准:

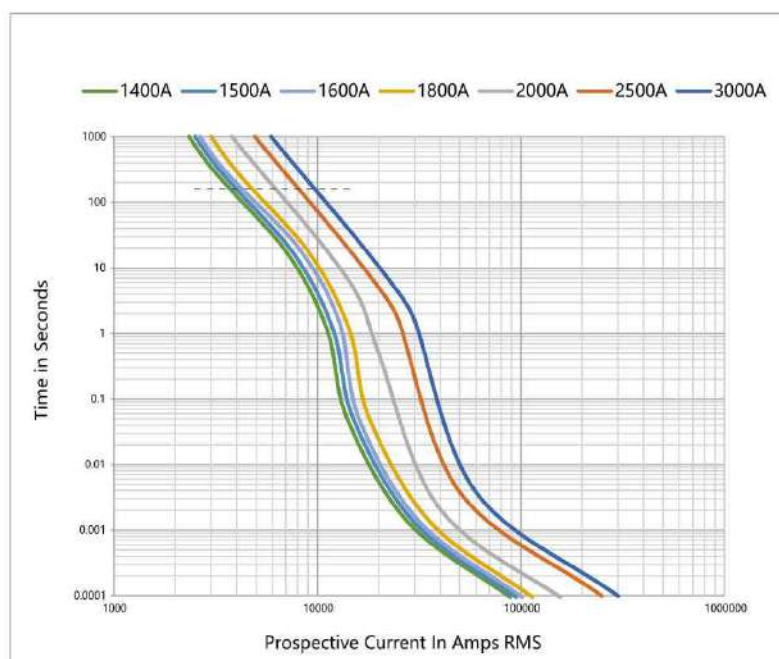
- ✧ Refer To UL 248-13;
性能参考UL 248-13;
- ✧ UL Listed, Std 248-13, File E533379
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ UL, CE
- ✧ RoHS Compliant.
符合RoHS。

Square body fuse links

High speed fuses

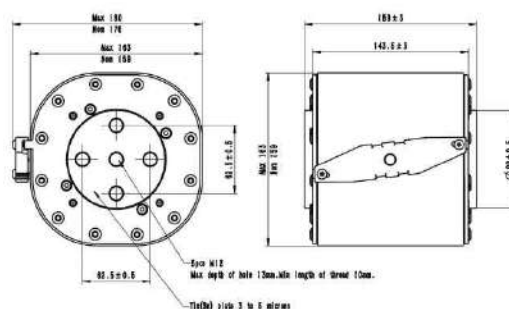


Time-Current Curve 时间电流曲线图



- 1: The accuracy of the characteristic curve is $\pm 15\%$ of the current direction error;
- 2: Minimum breaking current: 3.0 In

Dimensions (mm) 尺寸



Fuse Ratings 额定参数

Part No.	Fuse Amps	Average 100kA @ 2000Vdc 250kA @ 1500Vdc		Power Loss	Approvals
		Pre-Arcing I ² t (A ² s)	Max Operating I ² t (A ² s)	(W)	UL
HCBMG5-1400A-159E	1400A	783,750	3,360,000	340	●
HCBMG5-1500A-159E	1500A	1,045,000	4,745,000	390	●
HCBMG5-1600A-159E	1600A	1,325,700	5,435,000	420	●
HCBMG5-1800A-159E	1800A	1,567,500	6,600,000	430	●
HCBMG5-2000A-159E	2000A	2,185,000	9,800,000	490	●
HCBMG5-2500A-159E	2500A	4,417,500	19,600,000	525	●
HCBMG5-3000A-159E	3000A	7,695,000	38,880,000	580	●

HCEVT500-10R Series.10-60A/500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压:500Vdc;
- ✧ Amps电流: 10-60A;
- ✧ Interrupting Capacity分断:
Max BC 20kA 500Vdc;
Min BC 135%In;

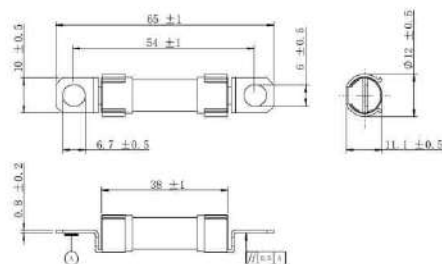
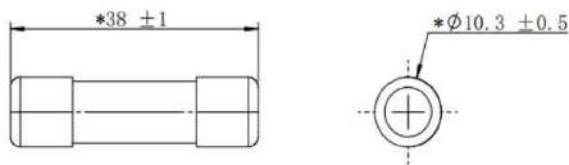
Standards / Approvals

认证/标准:

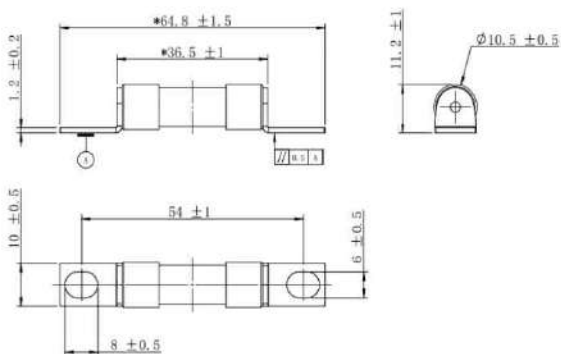
- ✧ Refer To JASO-D622/ISO8820.8/GB31465.6;
性能参考JASO-D622/ISO8820.8/GB31465.6;
- ✧ Manufactured Under a IATF16949 Quality System for Compliance with Automotive Requirements;
根据IATF16949质量体系制造符合汽车要求;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
- ✧ RoHS Compliant.
符合RoHS.



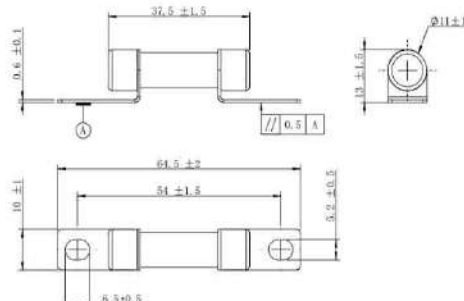
Dimensions (mm) 尺寸



Ferrule xxA-10R 单体式 熔断器



Axial bolt-on*1 xxAP-10R 轴向 螺栓连接 (分体)



Flush bolt-on xxC-10R 平齐螺栓连接

Surface Mount xxH-10R 表面安装连接

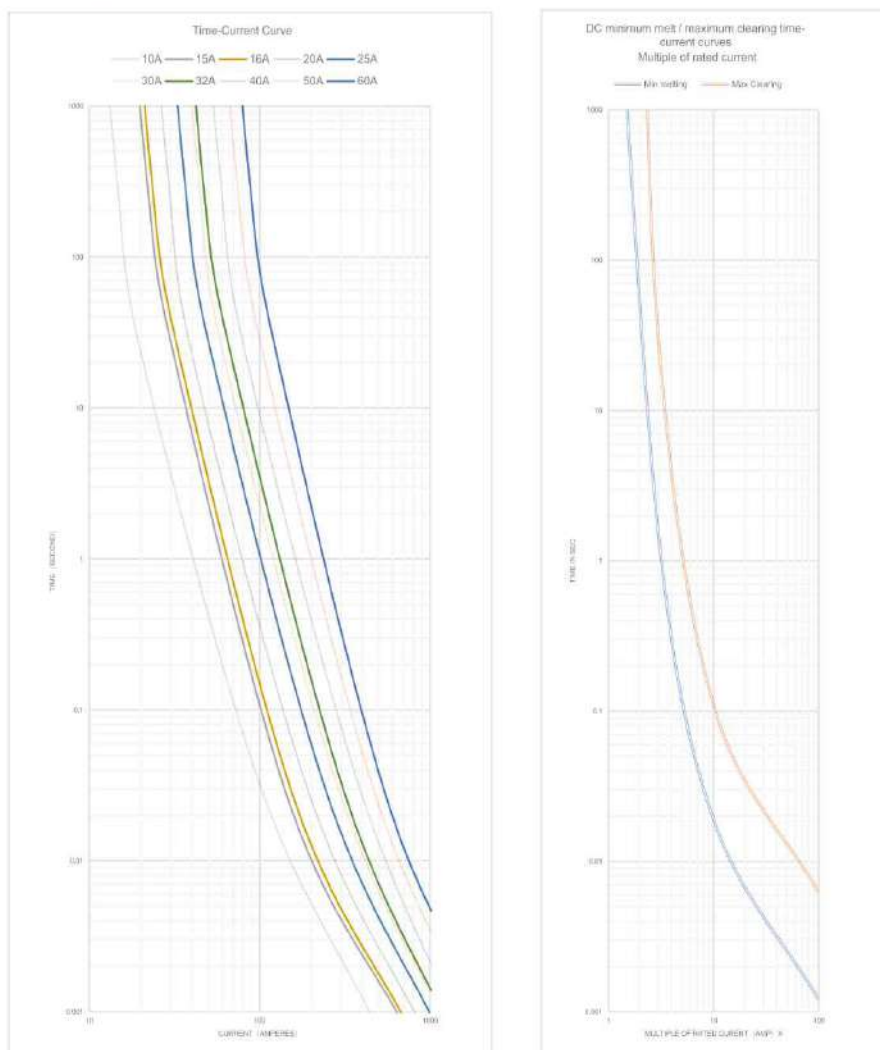
HCEVT500-10R Series.10-60A/500Vdc(Fast-Acting)

Fuse Ratings 额定参数

Fuse Amps	Average @ 20 kA / 500 Vdc		Power Loss (w)
	I ² t Melting	I ² t Clearing	50%
<u>10</u>	<u>60</u>	<u>320</u>	<u>0.32</u>
<u>15</u>	<u>95</u>	<u>530</u>	<u>0.43</u>
<u>16</u>	<u>210</u>	<u>640</u>	<u>0.45</u>
<u>20</u>	<u>405</u>	<u>1020</u>	<u>0.53</u>
<u>25</u>	<u>585</u>	<u>1680</u>	<u>0.75</u>
<u>30</u>	<u>1050</u>	<u>2380</u>	<u>1.35</u>
<u>32</u>	<u>1150</u>	<u>2690</u>	<u>1.55</u>
<u>40</u>	<u>1650</u>	<u>4250</u>	<u>2.05</u>
<u>50</u>	<u>2680</u>	<u>5760</u>	<u>3.30</u>
<u>60</u>	<u>3425</u>	<u>7120</u>	<u>4.00</u>

◇ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25 °C ;

Time-Current Curve 时间电流曲线图



HCHVT500-10R Series.10-60A/500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

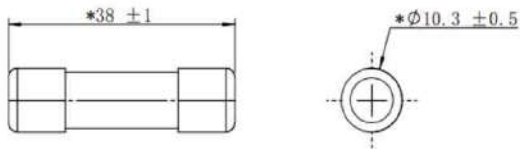
- ✧ Volts电压: 500Vdc;
- ✧ Amps电流: 10-60A;
- ✧ Interrupting Capacity 分断:
- ✧ Max BC 20kA 500Vdc;
- ✧ Class of Operation: aR
- ✧ Body:
 - 10-32A: **Ceramics**: 管体材质: 陶瓷;
 - 35-60A: **Fiberglass**: 管体材质: 玻纤;

Standards / Approvals

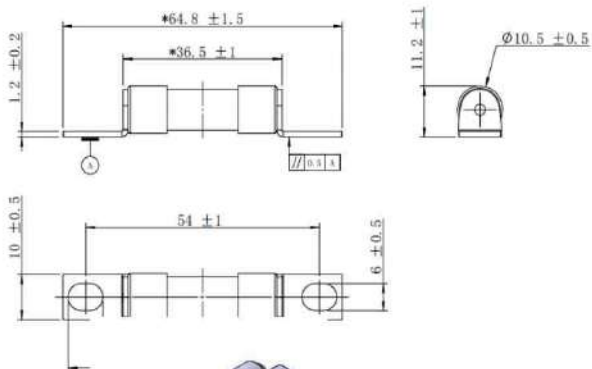
认证/标准:

- ✧ Refer To JASO-D622/ISO8820.8/GB31465.6;
- 性能参考JASO-D622/ISO8820.8/GB31465.6;
- ✧ Manufactured Under a IATF16949 Quality System for Compliance with Automotive Requirements;
- 根据IATF16949质量体系制造符合汽车要求;
- ✧ Reach Declaration Available Upon Request;
- 可根据要求提供REACH声明;
- ✧ CE;
- ✧ RoHS Compliant.
- 符合RoHS。

Dimensions (mm) 尺寸



FerrulexA-10R 单体式 熔断器

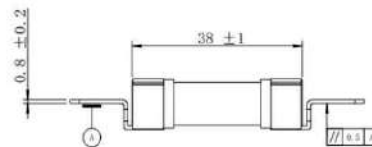
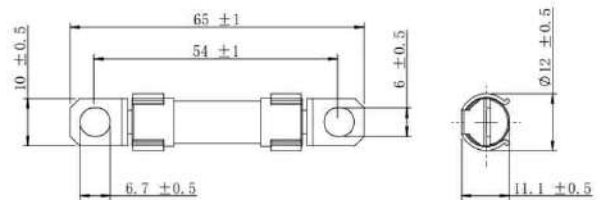


Flush bolt-onxxC-10R 平齐螺栓连接

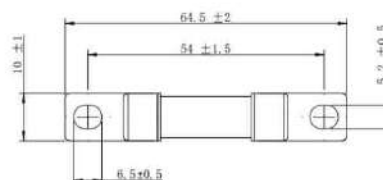
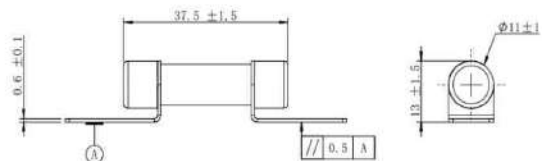


10x38mm Cylindrical Fuses

High speed Fuses



Axial bolt-on*1xxAP-10R 轴向 螺栓连接 (分体)



Surface MountxxH-10R 表面安装连接

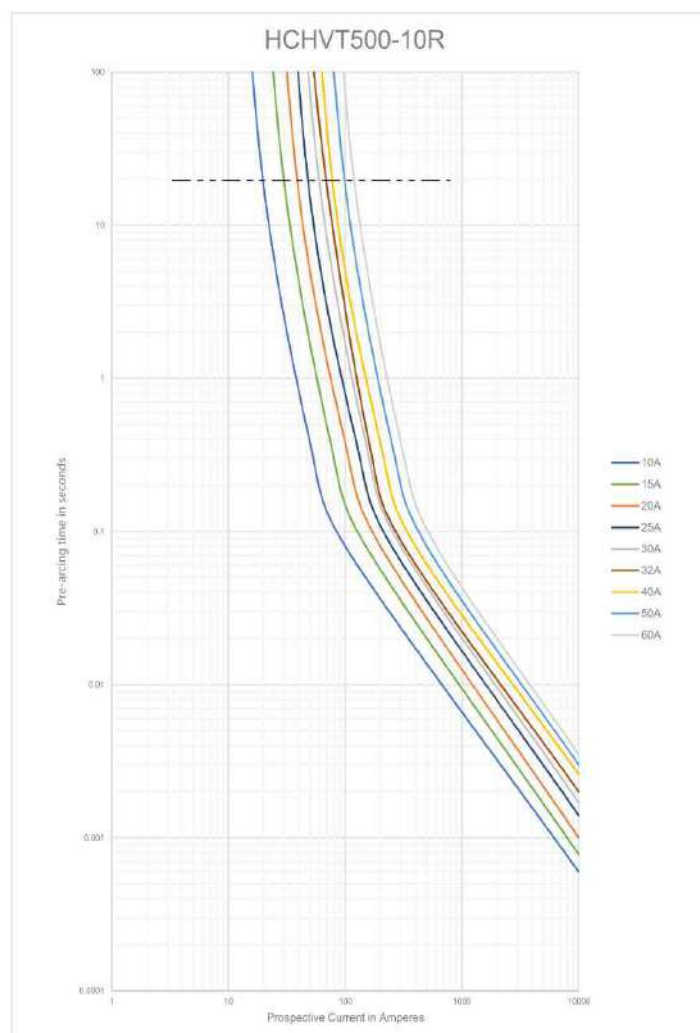
HCHVT500-10R Series.10-60A/500Vdc(Fast-Acting)

Fuse Ratings 额定参数

Fuse Amps	Average @ 20 kA/500 Vdc		Power Loss (w)
	I ² t Melting	I ² t Clearing	100%
<u>10</u>	<u>33.3</u>	<u>174.6</u>	<u>2.0</u>
<u>15</u>	<u>81.6</u>	<u>431.1</u>	<u>2.3</u>
<u>20</u>	<u>172.5</u>	<u>912.6</u>	<u>3.0</u>
<u>25</u>	<u>278.9</u>	<u>1504.0</u>	<u>3.8</u>
<u>30</u>	<u>401.2</u>	<u>2166.9</u>	<u>4.5</u>
<u>32</u>	<u>425.6</u>	<u>2351.5</u>	<u>4.8</u>
<u>40</u>	<u>721.6</u>	<u>4311.5</u>	<u>6.0</u>
<u>50</u>	<u>1036.0</u>	<u>5184.0</u>	<u>8.0</u>
<u>60</u>	<u>2098.0</u>	<u>6480.0</u>	<u>10.0</u>

◇ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25 °C ;

Time-Current Curve 时间电流曲线图



HCHVT700-10R Series.10-50A/700Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

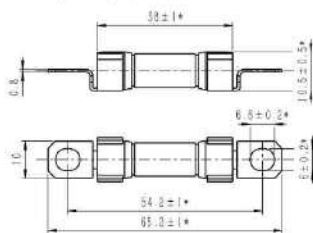
- ✧ Volts 电压: 700Vdc (or less) ;
- ✧ Amps 电流: 10-50A;
- ✧ Breaking Capacity 分断:
Max BC 20kA (or less) ;
- ✧ Body:
10-32A: **Ceramics**; 管体材质: 陶瓷;
35-50A: **Fiberglass**; 管体材质: 玻纤;

Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.13/UL 248.20; IEC 60269.1/IEC 60269.4;
GB 13539.1/GB 13539.4; JASO D622;
性能参考UL 248.20/IEC 60269.4/GB 13539.4及JASO-D622;
- ✧ Manufactured Under a IATF16949 Quality System for Compliance with Automotive Requirements;
根据IATF16949质量体系制造符合汽车要求;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
- ✧ RoHS Compliant.
符合RoHS.

Dimensions (mm) 尺寸



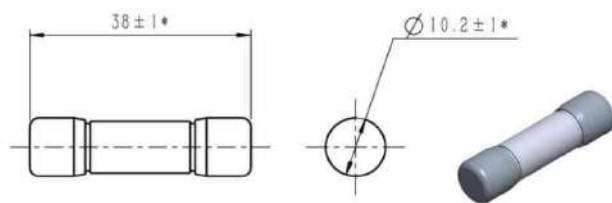
Axial bolt xxAP-10R

Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Body	Breaking Capacity	Average @ 20KA/700Vdc A's Melting	A's Clearing	Power Loss 1.0(W)	Approvals UL
Axial bolt	HCHVT700-10AP-10R	10A	Ceramics	20 kA	28.9	97.0	2.0	○ Pending
	HCHVT700-15AP-10R	15A	Ceramics	20 kA	72.3	242.5	2.5	○ Pending
	HCHVT700-20AP-10R	20A	Ceramics	20 kA	145.5	440.0	3.2	○ Pending
	HCHVT700-25AP-10R	25A	Ceramics	20 kA	225.0	668.0	3.6	○ Pending
	HCHVT700-30AP-10R	30A	Ceramics	20 kA	311.3	942.0	4.5	○ Pending
	HCHVT700-32AP-10R	32A	Ceramics	20 kA	356.3	996.0	5.5	○ Pending
	HCHVF700-40AP-10R	*40A	Fiberglass	20 kA	439.6	1605.0	6.5	○ Pending
	HCHVF700-50AP-10R	*50A	Fiberglass	20 kA	683.2	3048.5	8.5	○ Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C;

Dimensions (mm) 尺寸



Ferrule: xxA-10R
单体式 熔断器

Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Body	Breaking Capacity	Average @ 20KA/700Vdc A's Melting	A's Clearing	Power Loss 1.0(W)	Approvals UL
Ferrule	HCHVT700-10A-10R	10A	Ceramics	20 kA	28.9	97.0	2.0	○ Pending
	HCHVT700-15A-10R	15A	Ceramics	20 kA	72.3	242.5	2.5	○ Pending
	HCHVT700-20A-10R	20A	Ceramics	20 kA	145.5	440.0	3.2	○ Pending
	HCHVT700-25A-10R	25A	Ceramics	20 kA	225.0	668.0	3.6	○ Pending
	HCHVT700-30A-10R	30A	Ceramics	20 kA	311.3	942.0	4.5	○ Pending
	HCHVT700-32A-10R	32A	Ceramics	20 kA	356.3	996.0	5.5	○ Pending
	HCHVF700-40A-10R	*40A	Fiberglass	20 kA	439.6	1605.0	6.5	○ Pending
	HCHVF700-50A-10R	*50A	Fiberglass	20 kA	683.2	3048.5	8.5	○ Pending

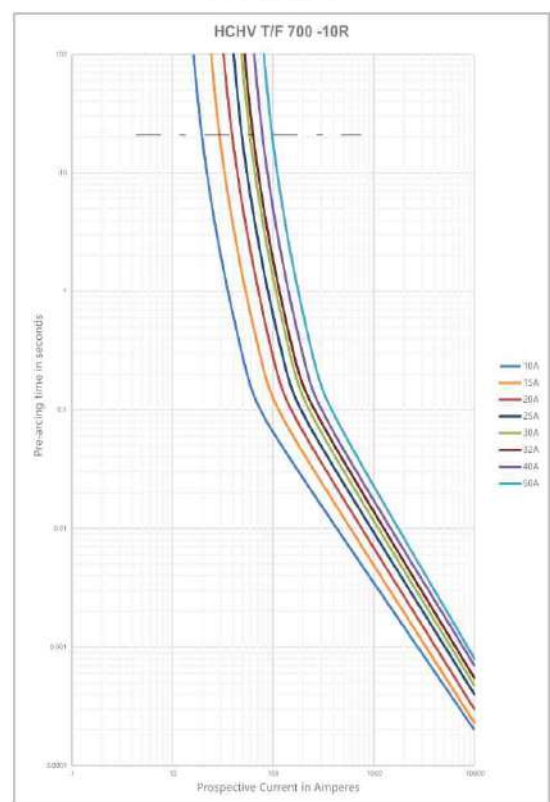
DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C;

10x38mm Cylindrical Fuses

High speed Fuses



Time-Current Curve 时间电流曲线图



HCEVT750-10R Series.10-50A/750Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ◇ Volts 电压: 750Vdc (orless) ;
- ◇ Amps 电流: 10-50A;
- ◇ Breaking Capacity分断:
Max BC 20kA (orless) ;
- ◇ Body:
10-32A: **Ceramics**: 管体材质: 陶瓷;
- 35-50A: **Fiberglass**: 管体材质: 玻纤;

10x38mm Cylindrical Fuses

**Electric Vehicle Auxiliary
High speed Fuses**

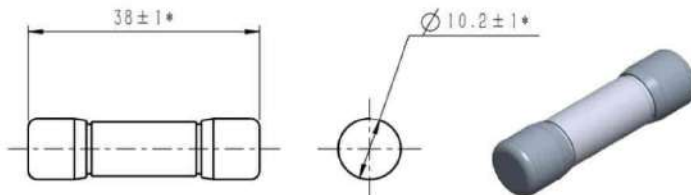


Standards / Approvals

认证/标准:

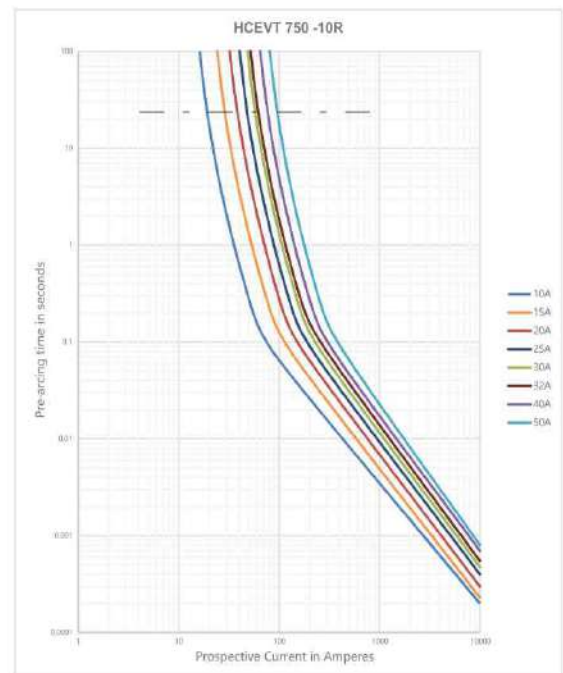
- ◇ Refer To UL 248.13/UL 248.2Q IEC 60269.1/IEC 60269.4;
GB 13539.1/GB 13539.4; JASO D622;
性能参考UL 248.20/IEC 60269.4/GB 13539.4及JASO -D622;
- ◇ Manufactured Under a IATF16949 Quality System for Compliance with Automotive Requirements;
根据IATF16949质量体系制造符合汽车要求;
- ◇ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ◇ CE;
- ◇ RoHS Compliant.
符合RoHS。

Dimensions (mm) 尺寸



Ferrule: xxA-10R
单体式 熔断器

Time-Current Curve 时间电流曲线图



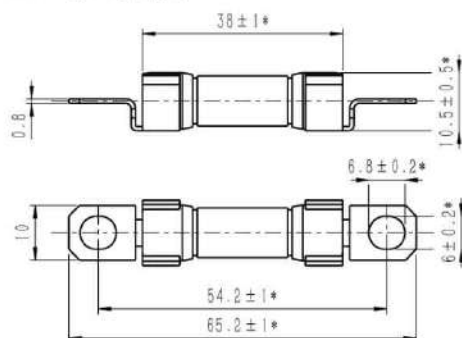
Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Body	Breaking Capacity	Average @ 20KA/750Vdc		Power Loss 1.0(W)	Approvals UL
					A ² s Melting	A ² s Clearing		
Ferrule	HCEVT750-10A-10R	10A	Ceramics	20 kA	28.9	97.0	2.0	○ Pending
	HCEVT750-15A-10R	15A	Ceramics	20 kA	72.3	242.5	2.5	○ Pending
	HCEVT750-20A-10R	20A	Ceramics	20 kA	145.5	440.0	3.2	○ Pending
	HCEVT750-25A-10R	25A	Ceramics	20 kA	225.0	668.0	3.6	○ Pending
	HCEVT750-30A-10R	30A	Ceramics	20 kA	311.3	942.0	4.5	○ Pending
	HCEVT750-32A-10R	32A	Ceramics	20 kA	356.3	996.0	5.5	○ Pending
	HCEVF750-40A-10R	*40A	Fiberglass	20 kA	439.6	1605.0	6.5	○ Pending
	HCEVF750-50A-10R	*50A	Fiberglass	20 kA	683.2	3048.5	8.5	○ Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25℃;

HCEVT750-10R Series.10-50A/750Vdc(Fast-Acting)

Dimensions (mm) 尺寸



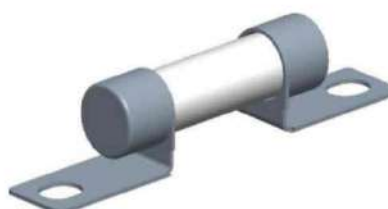
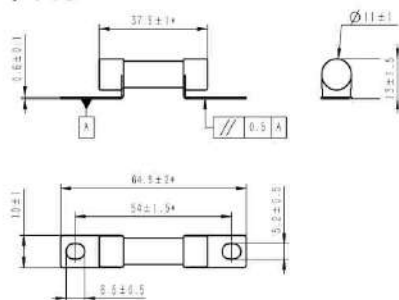
Axial bolt xxAP-10R

Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Body	Breaking Capacity	Average @ 20KA/750Vdc		Power Loss 1.0(W)	Approvals
					A ² s Melting	A ² s Clearing		UL
Axial bolt	HCEVT750-10AP-10R	10A	Ceramics	20 kA	28.9	97.0	2.0	○ Pending
	HCEVT750-15AP-10R	15A	Ceramics	20 kA	72.3	242.5	2.5	○ Pending
	HCEVT750-20AP-10R	20A	Ceramics	20 kA	145.5	440.0	3.2	○ Pending
	HCEVT750-25AP-10R	25A	Ceramics	20 kA	225.0	668.0	3.6	○ Pending
	HCEVT750-30AP-10R	30A	Ceramics	20 kA	311.3	942.0	4.5	○ Pending
	HCEVT750-32AP-10R	32A	Ceramics	20 kA	356.3	996.0	5.5	○ Pending
	HCEVF750-40AP-10R	*40A	Fiberglass	20 kA	439.6	1605.0	6.5	○ Pending
	HCEVF750-50AP-10R	*50A	Fiberglass	20 kA	683.2	3048.5	8.5	○ Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C;

Dimensions (mm) 尺寸



Surface Mount:xxH-10R

Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Body	Breaking Capacity	Average @ 20KA/750Vdc		Power Loss 1.0(W)	Approvals
					A ² s Melting	A ² s Clearing		UL
Surface Mount	HCEVT750-10H-10R	10A	Ceramics	20 kA	28.9	97.0	2.0	○ Pending
	HCEVT750-15H-10R	15A	Ceramics	20 kA	72.3	242.5	2.5	○ Pending
	HCEVT750-20H-10R	20A	Ceramics	20 kA	145.5	440.0	3.2	○ Pending
	HCEVT750-25H-10R	25A	Ceramics	20 kA	225.0	668.0	3.6	○ Pending
	HCEVT750-30H-10R	30A	Ceramics	20 kA	311.3	942.0	4.5	○ Pending
	HCEVT750-32H-10R	32A	Ceramics	20 kA	356.3	996.0	5.5	○ Pending
	HCEVF750-40H-10R	*40A	Fiberglass	20 kA	439.6	1605.0	6.5	○ Pending
	HCEVF750-50H-10R	*50A	Fiberglass	20 kA	683.2	3048.5	8.5	○ Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C;

HCHVT750-10R Series.10-50A/750Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

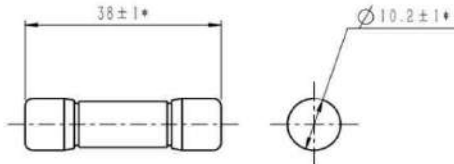
- ✧ Volts 电压: 750Vdc (or less) ;
- ✧ Amps 电流: 10-50A;
- ✧ Breaking Capacity 分断:
Max BC 20kA (or less) ;
- ✧ Body:
10-32A: **Ceramics**: 管体材质: 陶瓷;
35-50A: **Fiberglass**: 管体材质: 玻纤;

Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.13/UL 248.20 IEC 60269.1/IEC 60269.4;
GB 13539.1/GB 13539.4; JASO D622;
性能参考UL 248.20/IEC 60269.4/GB 13539.4及JASO-D622;
- ✧ Manufactured Under a IATF16949 Quality System for Compliance with Automotive Requirements;
根据IATF16949质量体系制造符合汽车要求;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
- ✧ RoHS Compliant.
符合RoHS。

Dimensions (mm) 尺寸



Ferrule: xxA-10R
单体式 熔断器

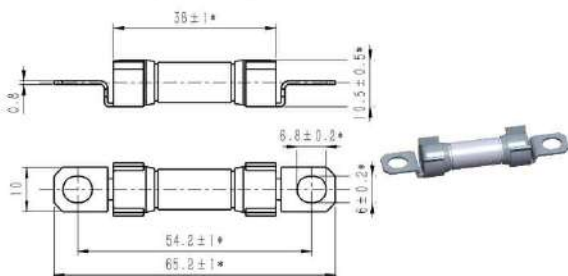


Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Body	Breaking Capacity	Average @ 20kA/750Vdc		Power Loss 1.0(W)	Approvals
					A's Melting	A's Clearing		
Ferrule	HCHVT750-10A-10R	10A	Ceramics	20 kA	28.9	97.0	2.0	○ Pending
	HCHVT750-15A-10R	15A	Ceramics	20 kA	72.3	242.5	2.5	○ Pending
	HCHVT750-20A-10R	20A	Ceramics	20 kA	145.5	440.0	3.2	○ Pending
	HCHVT750-25A-10R	25A	Ceramics	20 kA	225.0	668.0	3.6	○ Pending
	HCHVT750-30A-10R	30A	Ceramics	20 kA	311.3	942.0	4.5	○ Pending
	HCHVT750-32A-10R	32A	Ceramics	20 kA	356.3	996.0	5.5	○ Pending
	HCHVF750-40A-10R	*40A	Fiberglass	20 kA	439.6	1605.0	6.5	○ Pending
	HCHVF750-50A-10R	*50A	Fiberglass	20 kA	683.2	3048.5	8.5	○ Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25℃;

Dimensions (mm) 尺寸



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Body	Breaking Capacity	Average @ 20kA/750Vdc		Power Loss 1.0(W)	Approvals
					A's Melting	A's Clearing		
Axial bolt	HCHVT750-10AP-10R	10A	Ceramics	20 kA	28.9	97.0	2.0	○ Pending
	HCHVT750-15AP-10R	15A	Ceramics	20 kA	72.3	242.5	2.5	○ Pending
	HCHVT750-20AP-10R	20A	Ceramics	20 kA	145.5	440.0	3.2	○ Pending
	HCHVT750-25AP-10R	25A	Ceramics	20 kA	225.0	668.0	3.6	○ Pending
	HCHVT750-30AP-10R	30A	Ceramics	20 kA	311.3	942.0	4.5	○ Pending
	HCHVT750-32AP-10R	32A	Ceramics	20 kA	356.3	996.0	5.5	○ Pending
	HCHVF750-40AP-10R	*40A	Fiberglass	20 kA	439.6	1605.0	6.5	○ Pending
	HCHVF750-50AP-10R	*50A	Fiberglass	20 kA	683.2	3048.5	8.5	○ Pending

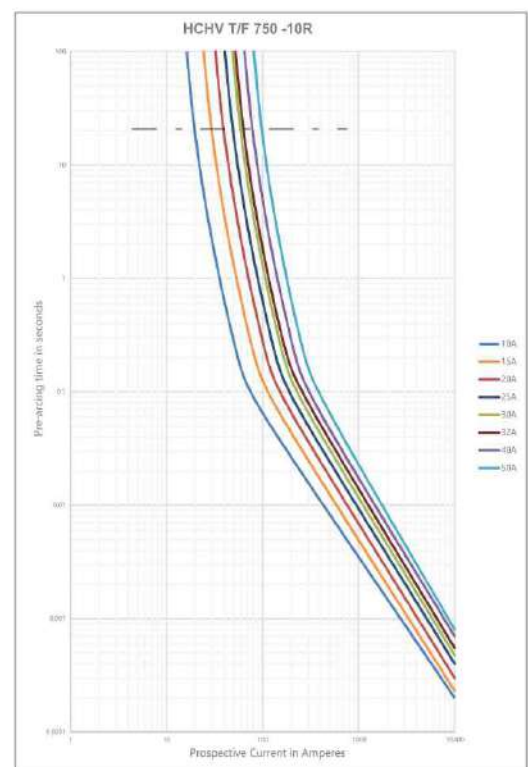
DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25℃;

10x38mm Cylindrical Fuses

High speed Fuses



Time-Current Curve 时间电流曲线图



HCPVT1000-10R Series .10-35A/1000Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ◇ Volts 电压: 1000Vdc;
- ◇ Amps 电流: 10-35A;
- ◇ Breaking Capacity 分断能力;
Max BC 30kA 1000Vdc;
Min BC 135% I_n;

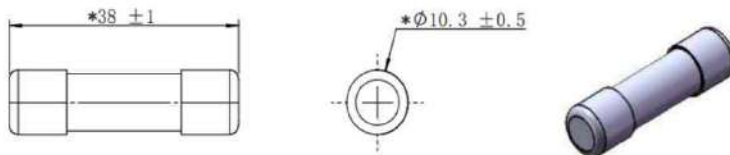
Standards / Approvals

认证/标准:

- ◇ Refer To UL-248-19/IEC 60269-1/6; 性能参考UL-248-19/IEC 60269-1/6;
- ◇ Reach Declaration Available Upon Request; 可根据要求提供REACH声明;
- ◇ RoHS Compliant. 符合RoHS.

10x38mm Cylindrical Fuses

Photovoltaic Fuses



Ferrule xxA-10R 单体式 熔断器

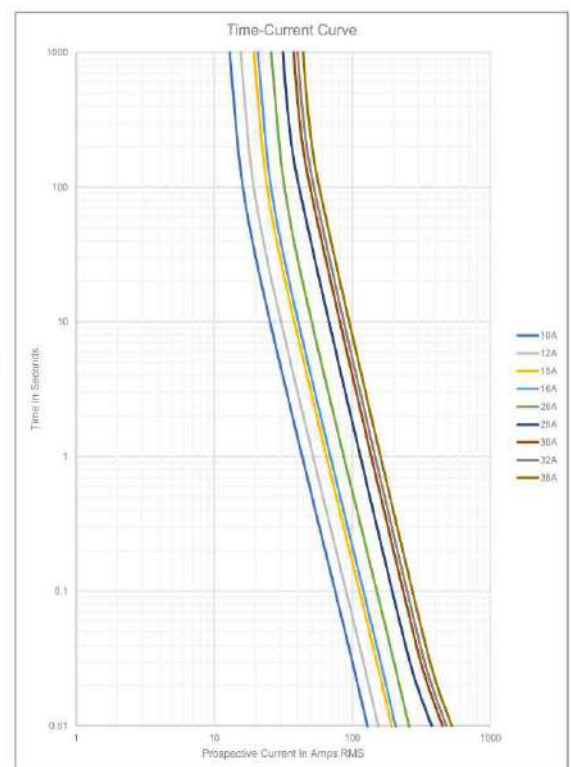
Fuse Ratings 额定参数

Part No.	Fuse Amps	Average @30KA/1000Vdc		Power Loss (W)		Approvals
		A's Melting	A's Clearing	80%	100%	
HCPVT1000-10A-10R	10	210	1175	1.1	1.5	○ Pending
HCPVT1000-12A-10R	12	252	1405	1.3	1.7	○ Pending
HCPVT1000-15A-10R	15	315	1757	1.6	2.3	○ Pending
HCPVT1000-16A-10R	16	326	1780	1.6	2.3	○ Pending
HCPVT1000-20A-10R	20	420	2340	2.1	2.9	○ Pending
HCPVT1000-25A-10R	25	525	2929	2.7	3.5	○ Pending
HCPVT1000-30A-10R	30	630	3515	3.2	4.2	○ Pending
HCPVT1000-32A-10R	32	890	3995	4	5.3	○ Pending
HCPVT1000-35A-10R	35	975	4545	4.6	6.2	○ Pending

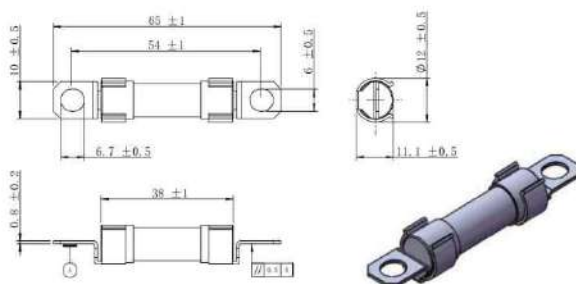
Ferrule xxA-10R

- ◇ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25 °C ;

Time-Current Curve 时间电流曲线图



Dimensions (mm) 尺寸



Axial bolt-on xxAP-10R 轴向 螺栓连接 (分体)

Fuse Ratings 额定参数

Part No.	Fuse Amps	Average @30KA/1000Vdc		Power Loss (W)		Approvals
		A's Melting	A's Clearing	80%	100%	
HCPVT1000-10AP-10R	10	210	1175	1.1	1.5	○ Pending
HCPVT1000-12AP-10R	12	252	1405	1.3	1.7	○ Pending
HCPVT1000-15AP-10R	15	315	1757	1.6	2.3	○ Pending
HCPVT1000-16AP-10R	16	326	1780	1.6	2.3	○ Pending
HCPVT1000-20AP-10R	20	420	2340	2.1	2.9	○ Pending
HCPVT1000-25AP-10R	25	525	2929	2.7	3.5	○ Pending
HCPVT1000-30AP-10R	30	630	3515	3.2	4.2	○ Pending
HCPVT1000-32AP-10R	32	890	3995	4	5.3	○ Pending
HCPVT1000-35AP-10R	35	975	4545	4.6	6.2	○ Pending

Axial bolt-on xxAP-10R

- ◇ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25 °C ;

HCPVF1500-10RS Series.10-32A/1500Vdc(Fast-Acting)

10x65mm Cylindrical Fuses

Photovoltaic Fuses

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 1500Vdc;
- ✧ Amps 电流: 10-32A;
- ✧ Breaking Capacity 分断:
Max BC 30kA 1500Vdc;
Min BC 135% I_n;

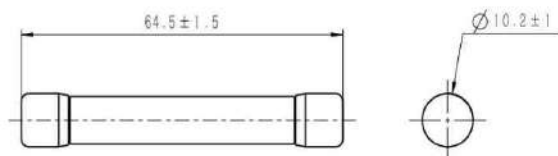


Standards / Approvals

认证/标准:

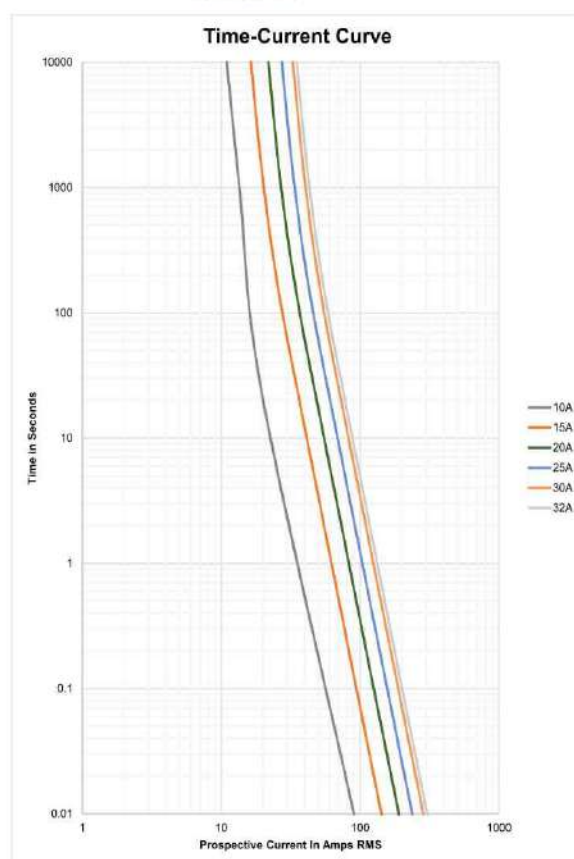
- ✧ Refer To UL-248-19/IEC 60269-1/6;
性能参考UL-248-19/IEC 60269-1/6;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ RoHS Compliant.
符合RoHS。

Dimensions (mm) 尺寸



Ferrule:xxA-10R 单体式 熔断器

Time-Current Curve 时间电流曲线图



Fuse Ratings 额定参数:

Part No.	Fuse Amps	Average @30KA/1500Vdc		Power Loss (W)		Approvals	
		A ² s Melting	A ² s Clearing	80%	100%	UL	TUV
HCPVF1500-10A-10RS	10	342	890	2.0	3.0	○ Pending	○ Pending
HCPVF1500-15A-10RS	15	550	1230	2.8	3.5	○ Pending	○ Pending
HCPVF1500-20A-10RS	20	660	1450	3.2	5.5	○ Pending	○ Pending
HCPVF1500-25A-10RS	25	885	1850	3.3	6.0	○ Pending	○ Pending
HCPVF1500-30A-10RS	30	790	2750	3.8	6.8	○ Pending	○ Pending
HCPVF1500-32A-10RS	32	1040	3550	4.2	8.0	○ Pending	○ Pending

DC Cold Resistance are measured at < 10% of rated current in ambient temperature of 25°C ;

HCPVF1500-10R Series.1-32A/1500Vdc(PV Fuses)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 1500Vdc;
- ✧ Amps 电流: 1-32A;
- ✧ Breaking Capacity 分断;
Max BC 30kA 1500Vdc;
Min BC 135% In;

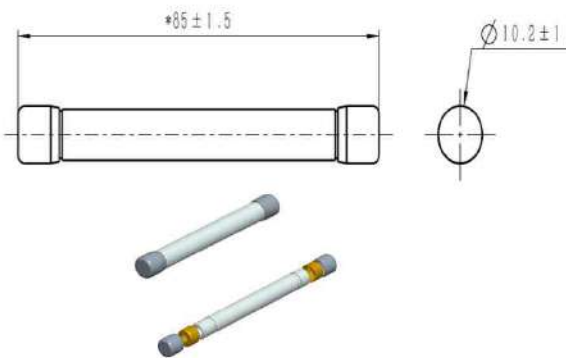
Standards / Approvals

认证/标准:

- ✧ Refer To UL-248-19/IEC 60269-1/6;
性能参考UL-248-19/IEC 60269-1/6;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ RoHS Compliant.
符合RoHS。

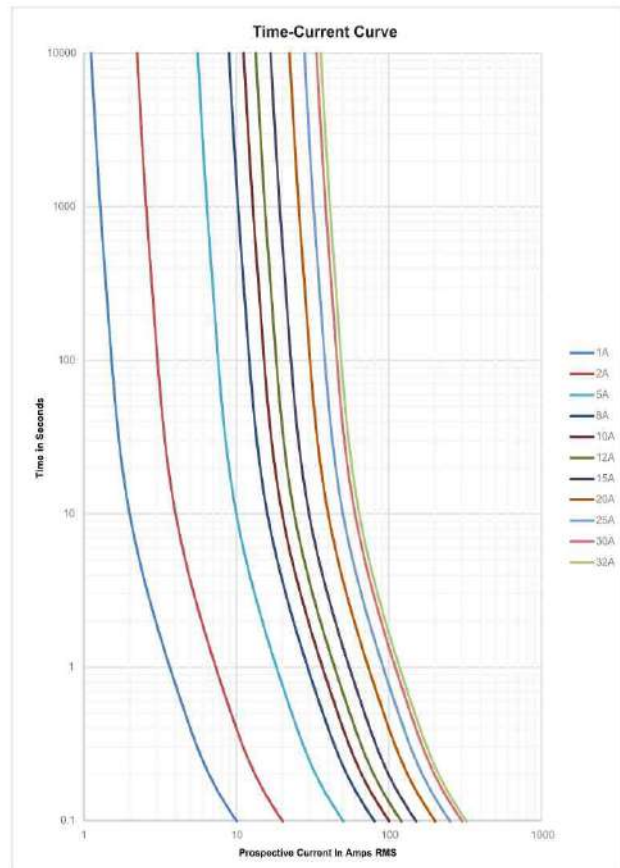


Dimensions (mm) 尺寸



Ferrule:xxA-10R 单体式 熔断器

Time-Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Part No.	Fuse Amps	Average @30KA/1500Vdc		Power Loss (W)		Approvals	
		A _s 's Melting	A _t 't Clearing	80%	100%	UL	TUV
HCPVF1500-1A-10R	1	60	129	0.8	1.7	○ Pending	○ Pending
HCPVF1500-2A-10R	2	119	258	1.4	2.3	○ Pending	○ Pending
HCPVF1500-5A-10R	5	299	644	2.9	3.7	○ Pending	○ Pending
HCPVF1500-8A-10R	8	478	1030	3.1	4.2	○ Pending	○ Pending
HCPVF1500-10A-10R	10	606	1290	2.9	3.7	○ Pending	○ Pending
HCPVF1500-12A-10R	12	728	1548	3.2	4.7	○ Pending	○ Pending
HCPVF1500-15A-10R	15	910	1935	2.9	4.7	○ Pending	○ Pending
HCPVF1500-20A-10R	20	728	1548	3.3	6.1	○ Pending	○ Pending
HCPVF1500-25A-10R	25	918	1969	3.5	6.3	○ Pending	○ Pending
HCPVF1500-30A-10R	30	1224	2625	3.8	7.2	○ Pending	○ Pending
HCPVF1500-32A-10R	32	1820	3308	4.7	7.4	○ Pending	○ Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

HCHVT500-14R Series.10-50A/500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 500Vdc;(or less)
- ✧ Amps电流: 10-50A;
- ✧ Class Type:aR 产品类别: aR;
- ✧ Interrupting Capacity分断:
Max Bc:20kA@500Vdc (or less)

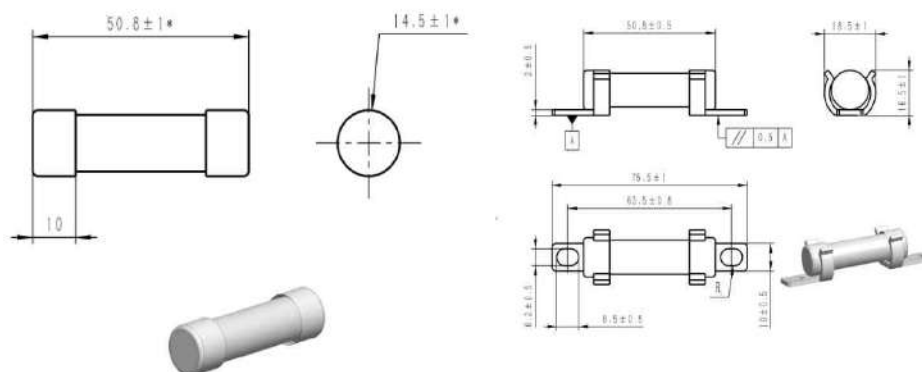
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.13/UL 248.20; IEC 60269.1/IEC 60269.4;
GB 13539.1/GB 13539.4; JASO D622;
性能参考 UL 248.20/IEC 60269.4/GB 13539.4及 JASO D622;
- ✧ CE;
- ✧ RoHS Compliant
符合RoHS。



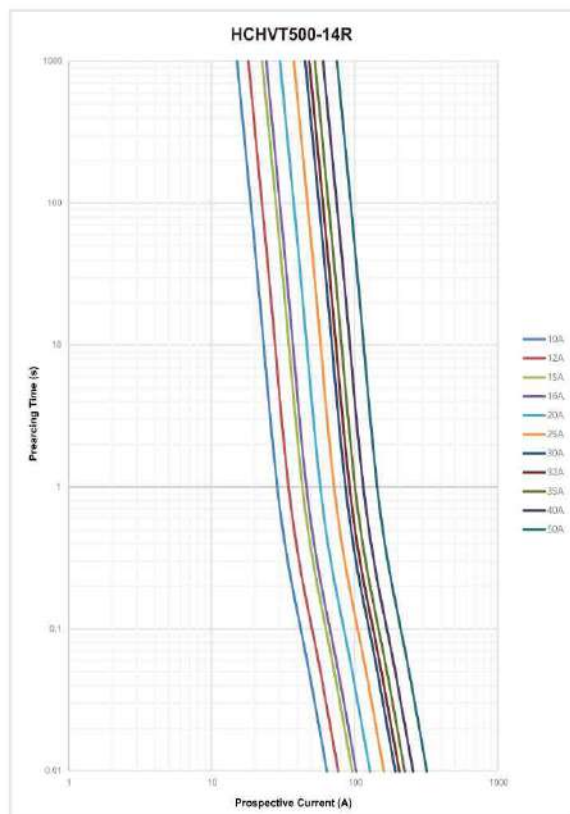
Dimensions (mm) 尺寸



Ferrule:xxA-14R 单体式 熔断器

Axial bolt: xxAP-14R 轴向 螺栓连接

Time-Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Breaking Capacity	Average @ 20KA/500Vdc		Power Loss 1.0(W)	Approvals
				A's Melting	A's Clearing		UL
Ferrule	HCHVT500-10A-14R	10A	20 kA	4.03	29.70	4.00	o Pending
	HCHVT500-12A-14R	12A	20 kA	5.21	39.76	4.50	o Pending
	HCHVT500-15A-14R	15A	20 kA	11.20	98.25	5.50	o Pending
	HCHVT500-16A-14R	16A	20 kA	16.00	142.50	6.00	o Pending
	HCHVT500-20A-14R	20A	20 kA	28.86	243.00	7.00	o Pending
	HCHVT500-25A-14R	25A	20 kA	49.72	422.40	7.30	o Pending
	HCHVT500-30A-14R	30A	20 kA	66.70	594.00	7.60	o Pending
	HCHVT500-32A-14R	32A	20 kA	82.28	798.00	7.80	o Pending
	HCHVT500-35A-14R	35A	20 kA	88.35	845.00	8.00	o Pending
	HCHVT500-40A-14R	40A	20 kA	105.00	1020.00	8.30	o Pending
	HCHVT500-50A-14R	50A	20 kA	246.00	2304.00	9.00	o Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

Connect	Part No.	Fuse Amps	Breaking Capacity	Average @ 20KA/500Vdc		Power Loss 1.0(W)	Approvals
				A's Melting	A's Clearing		UL
Axial bolt	HCHVT500-10AP-14R	10A	20 kA	4.03	29.70	4.00	o Pending
	HCHVT500-12AP-14R	12A	20 kA	5.21	39.76	4.50	o Pending
	HCHVT500-15AP-14R	15A	20 kA	11.20	98.25	5.50	o Pending
	HCHVT500-16AP-14R	16A	20 kA	16.00	142.50	6.00	o Pending
	HCHVT500-20AP-14R	20A	20 kA	28.86	243.00	7.00	o Pending
	HCHVT500-25AP-14R	25A	20 kA	49.72	422.40	7.30	o Pending
	HCHVT500-30AP-14R	30A	20 kA	66.70	594.00	7.60	o Pending
	HCHVT500-32AP-14R	32A	20 kA	82.28	798.00	7.80	o Pending
	HCHVT500-35AP-14R	35A	20 kA	88.35	845.00	8.00	o Pending
	HCHVT500-40AP-14R	40A	20 kA	105.00	1020.00	8.30	o Pending
	HCHVT500-50AP-14R	50A	20 kA	246.00	2304.00	9.00	o Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

HCHVT750-14R Series.10-50A/750Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 750Vdc;(or less)
- ✧ Amps电流: 10-50A;
- ✧ Class Type:aR 产品类别: aR;
- ✧ Breaking Capacity分断: Max Dc20kA@750Vdc (or less)

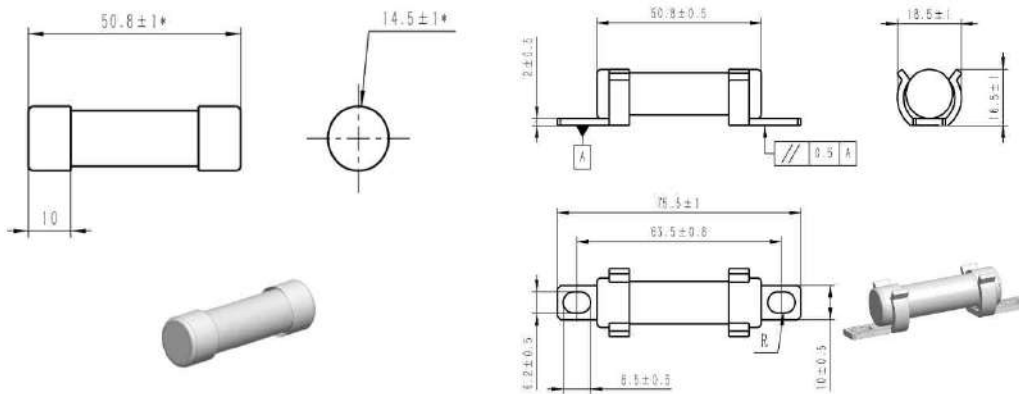
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.13/UL 248.20; IEC 60269.1/IEC 60269.4; GB 13539.1/GB 13539.4; JASO D622; 性能参考 UL 248.20/IEC 60269.4/GB 13539.4及 JASO D622;
- ✧ CE;
- ✧ RoHS Compliant 符合RoHS。



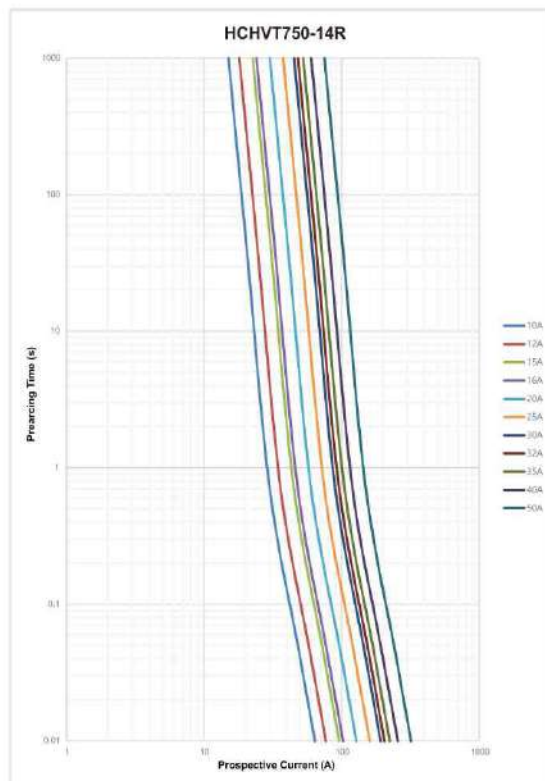
Dimensions (mm) 尺寸



Ferrule:xxA-14R 单体式 熔断器

Axial bolt: xxAP-14R 轴向 螺栓连接

Time-Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Connect	Part No.	Fuse Amps	Breaking Capacity	Average @ 20KA/750Vdc		Power Loss 1.0(W)	Approvals UL
Ferrule	HCHVT750-10A-14R	10A	20 kA	4.03	29.70	4.00	○ Pending
	HCHVT750-12A-14R	12A	20 kA	5.21	39.76	4.50	○ Pending
	HCHVT750-15A-14R	15A	20 kA	11.20	98.25	5.50	○ Pending
	HCHVT750-16A-14R	16A	20 kA	16.00	142.50	6.00	○ Pending
	HCHVT750-20A-14R	20A	20 kA	28.86	243.00	7.00	○ Pending
	HCHVT750-25A-14R	25A	20 kA	49.72	422.40	7.30	○ Pending
	HCHVF750-30A-14R	30A	20 kA	66.70	594.00	7.60	○ Pending
	HCHVF750-32A-14R	32A	20 kA	82.28	798.00	7.80	○ Pending
	HCHVF750-35A-14R	35A	20 kA	88.35	845.00	8.00	○ Pending
	HCHVF750-40A-14R	40A	20 kA	105.00	1020.00	8.30	○ Pending
	HCHVF750-50A-14R	50A	20 kA	246.00	2304.00	9.00	○ Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

Connect	Part No.	Fuse Amps	Breaking Capacity	Average @ 20KA/750Vdc		Power Loss 1.0(W)	Approvals UL
Axial bolt	HCHVT750-10AP-14R	10A	20 kA	4.03	29.70	4.00	○ Pending
	HCHVT750-12AP-14R	12A	20 kA	5.21	39.76	4.50	○ Pending
	HCHVT750-15AP-14R	15A	20 kA	11.20	98.25	5.50	○ Pending
	HCHVT750-16AP-14R	16A	20 kA	16.00	142.50	6.00	○ Pending
	HCHVT750-20AP-14R	20A	20 kA	28.86	243.00	7.00	○ Pending
	HCHVT750-25AP-14R	25A	20 kA	49.72	422.40	7.30	○ Pending
	HCHVF750-30AP-14R	30A	20 kA	66.70	594.00	7.60	○ Pending
	HCHVF750-32AP-14R	32A	20 kA	82.28	798.00	7.80	○ Pending
	HCHVF750-35AP-14R	35A	20 kA	88.35	845.00	8.00	○ Pending
	HCHVF750-40AP-14R	40A	20 kA	105.00	1020.00	8.30	○ Pending
	HCHVF750-50AP-14R	50A	20 kA	246.00	2304.00	9.00	○ Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

HCPVT1500-14R Series .10-32A/1500Vdc(PV Fuses)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts 电压: 1500Vdc;
- ✧ Amps 电流: 10-32A;
- ✧ Breaking Capacity分断:
Max BC: 30kA @ 1500Vdc (or less);
Min BC: 135% In @ 1500Vdc;

Standards / Approvals

认证/标准:

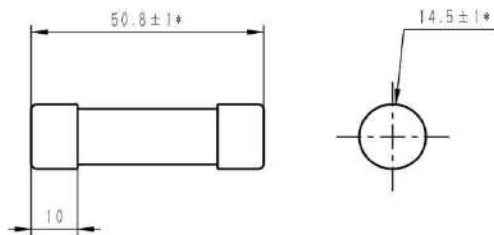
- ✧ Refer To UL-248-19/IEC 60269-1/6;
性能参考UL-248-19/IEC 60269-1/6;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH 声明;
- ✧ RoHS Compliant.符合RoHS。

14x51mm Cylindrical Fuses

Photovoltaic Fuses

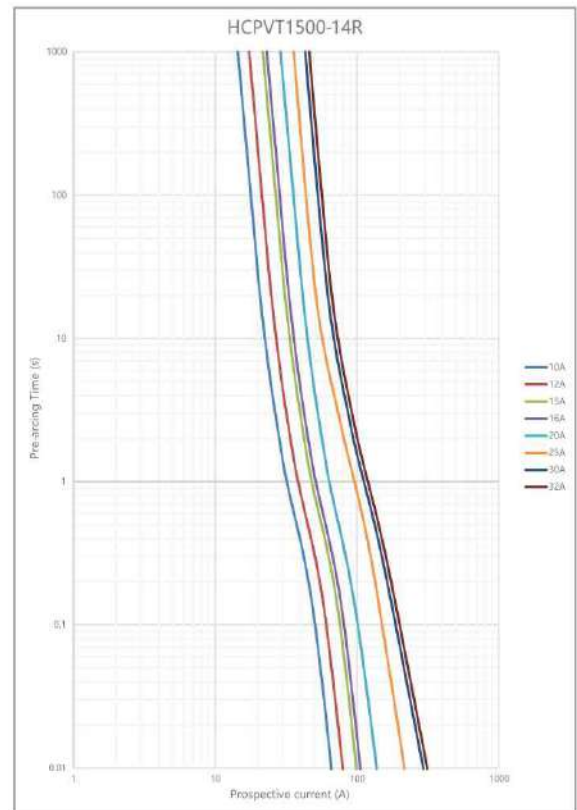


Dimensions (mm) 尺寸



Ferrule: xxA-14R 单体式 熔断器

Time-Current Curve 时间电流曲线图:

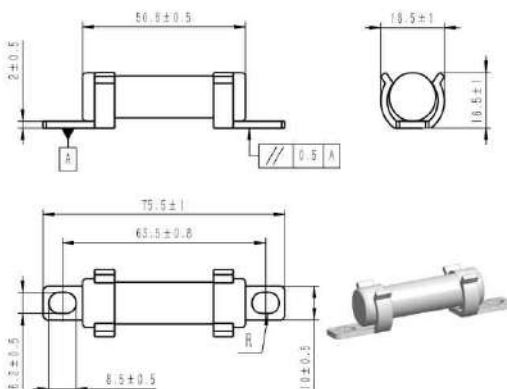


Fuse Ratings 额定参数:

Connect	Part No.	Fuse Amps	Average @ 30KA/1500Vdc A's Melting	A's Clearing	Power Loss 1.0(W)	Approvals UL
Ferrule	HCPVT1500-10A-14R	10A	10.5	185.0	4.0	◇ Pending
	HCPVT1500-12A-14R	12A	12.1	215.0	4.5	◇ Pending
	HCPVT1500-15A-14R	15A	19.5	340.0	5.0	◇ Pending
	HCPVT1500-16A-14R	16A	20.3	365.0	5.2	◇ Pending
	HCPVT1500-20A-14R	20A	32.0	630.0	5.5	◇ Pending
	HCPVT1500-25A-14R	25A	63.0	970.0	6.0	◇ Pending
	HCPVT1500-30A-14R	30A	122.0	1650.0	7.5	◇ Pending
	HCPVT1500-32A-14R	32A	133.0	1850.0	7.8	◇ Pending

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C;

Dimensions (mm) 尺寸:



Axial bolt xxAP-14R 轴向 螺栓连接

Fuse Ratings 额定参数:

Connect	Part No.	Fuse Amps	Average @ 30KA/1500Vdc A's Melting	A's Clearing	Power Loss 1.0(W)	Approvals UL
Axial bolt	HCPVT1500-10AP-14R	10A	10.5	185.0	4.0	◇ Pending
	HCPVT1500-12AP-14R	12A	12.1	215.0	4.5	◇ Pending
	HCPVT1500-15AP-14R	15A	19.5	340.0	5.0	◇ Pending
	HCPVT1500-16AP-14R	16A	20.3	365.0	5.2	◇ Pending
	HCPVT1500-20AP-14R	20A	32.0	630.0	5.5	◇ Pending
	HCPVT1500-25AP-14R	25A	63.0	970.0	6.0	◇ Pending
	HCPVT1500-30AP-14R	30A	122.0	1650.0	7.5	◇ Pending
	HCPVT1500-32AP-14R	32A	133.0	1850.0	7.8	◇ Pending

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C;

HCNR Series .10-60A 250Vac/150Vdc(Time-Delay)

Class RK5 Fuses

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Voltage Rating 电压:
Ac: 250V
Dc: 150V
- ✧ Ampere Range 电流:
10 to 60A
- ✧ Interrupting Capacity 分断:
Ac: 200kA Rms Sym.
Dc: 50kA
- ✧ Applicable Standards 标准:
UL 248-12, Class RK5

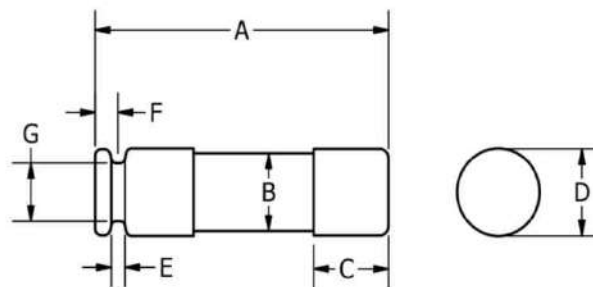
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.12
性能参考UL 248.12
- ✧ UL Listed, Std. 248-12, Class RK-5,
Guide JDDZ, File E537893

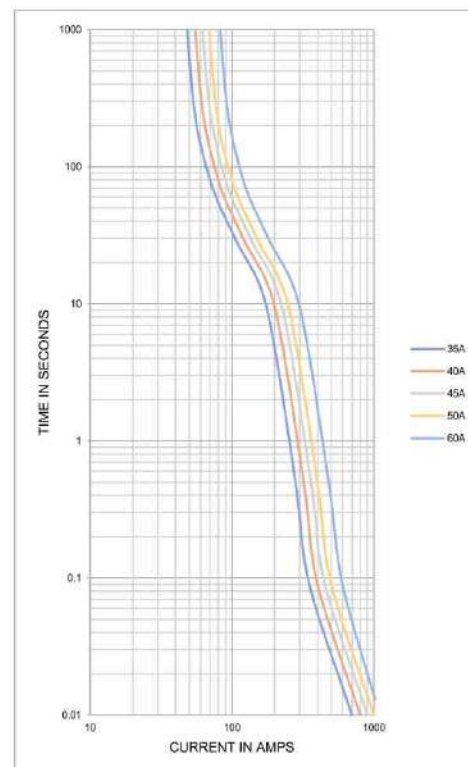
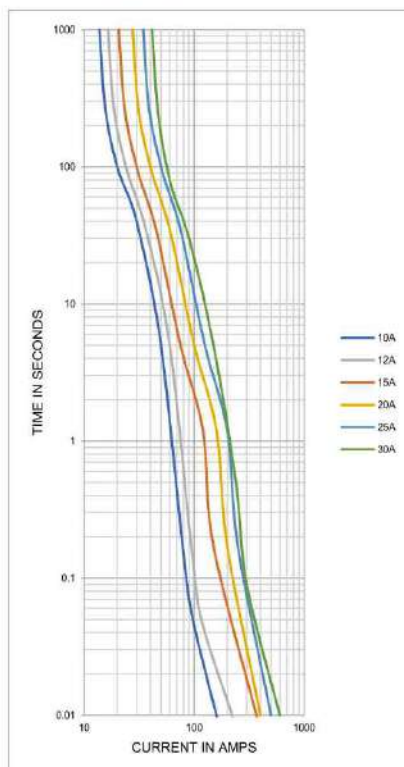


Dimensions (mm) 尺寸



Rated Current	A	B	C	D	E	F	G
	±1mm	±1mm	±0.5mm	±0.5mm	±0.5mm	±0.5mm	±0.5mm
10-30A	50.8	12.6	12.8	14.3	1.78	3.96	9.60
35-60A	76.2	18.6	16.0	20.6	2.18	4.78	16.2

Time-Current Curve 时间电流曲线图



HCNON Series.10-60A/250Vac/150Vdc(Dual Element Time Delay)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 250Vac/150Vdc;
- ✧ Amps电流: 10-60A;
- ✧ Interrupting Capacity 分断:
Max AC 200 kA / Dc 50 kA;
- ✧ Body: Fiberglass: 管体材质: 玻纤;

Standards / Approvals

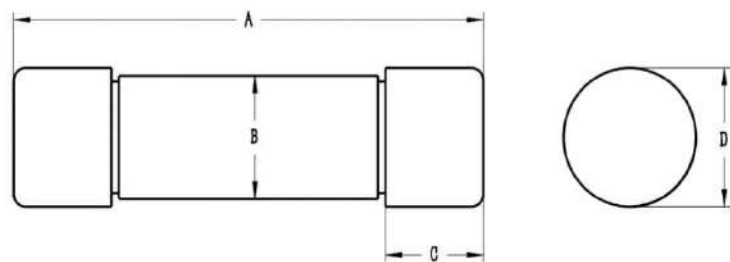
认证/标准:

- ✧ Refer To UL 248.1/UL 248.9
性能参考UL 248.1/UL 248.9
- ✧ CE, UL

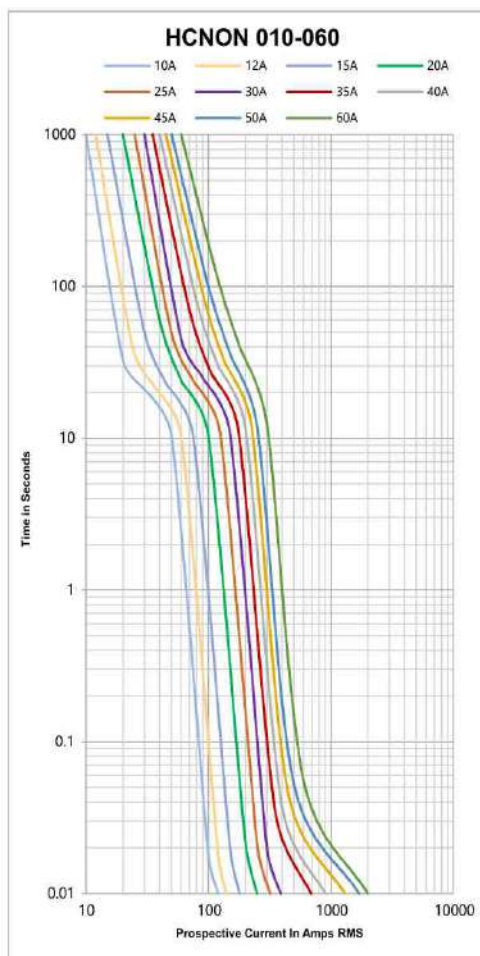
Class K5 Fuses



Dimensions (mm) 尺寸



Time-Current Curve 时间电流曲线图



Rated Current	A	B	C	D
	±1mm	±1mm	±0.5mm	±0.5mm
10-30A	50.4	12.6	10.5	14.2
35-60A	76.2	18.6	16.0	20.5

Fuse Ratings 额定参数

HCNON (10-30A)

HCNON010 HCNON012 HCNON015
HCNON020 HCNON025 HCNON030

HCNON (35-60A)

HCNON035 HCNON040 HCNON045
HCNON050 HCNON060

HCHVT250 Series.16-500A/250Vdc(Fast-Acting)

High speed fuses

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 250Vdc;
- ✧ Amps电流: 16-500A;
- ✧ Interrupting Capacity分断:
Max Dc 50kA;

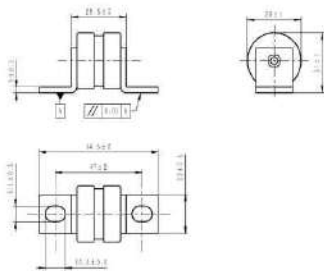
Standards / Approvals

认证/标准:

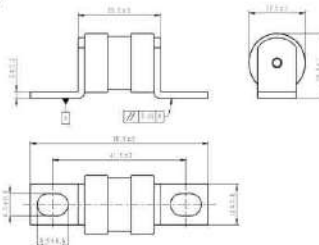
- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
- ✧ GB 13539.1/GB 13539.4及JASO -D622
性能参考UL 248.13/IEC 60269.4/GB 13539.4及JASO -D622;
- ✧ Manufactured Under a IATF16949 Quality System For Compliance With Automotive Requirements;
根据IATF16949质量体系制造符合汽车要求;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
- ✧ RoHS Compliant.
符合RoHS.



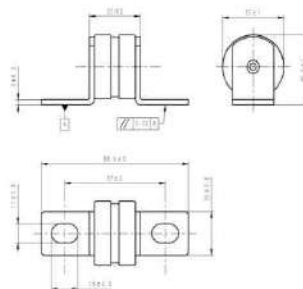
Dimensions (mm) 尺寸



HCHVT250-30R 外形及安装尺寸

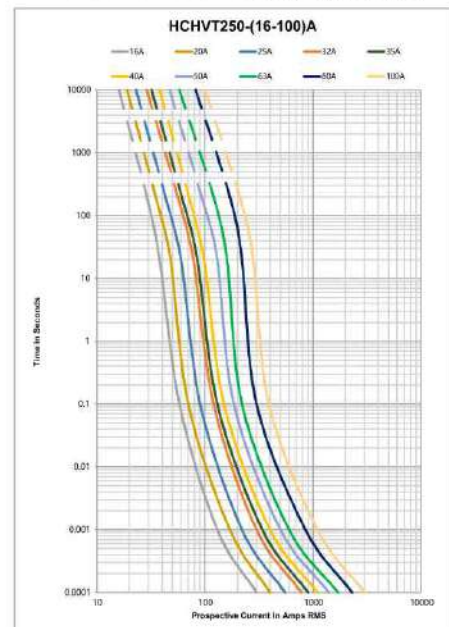


HCHVT250-18R 外形及安装尺寸



HCHVT250-38R 外形及安装尺寸

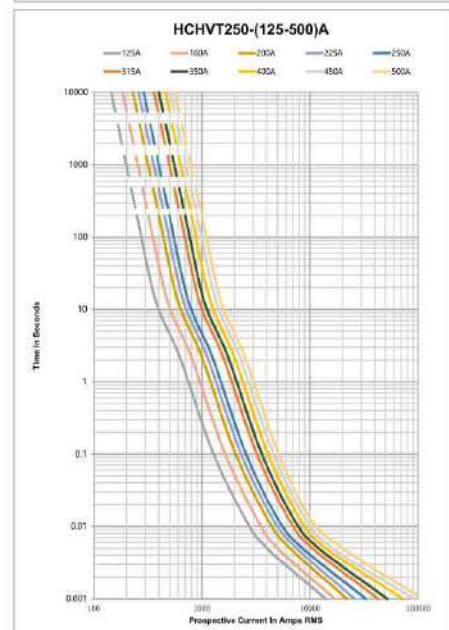
Time-Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Part No.	Fuse Amps	Average @50KA/250Vdc		Power Loss (W)	Standard recommended bolts	Installation torque
		A _{2s} Melting	A _{2t} Clearing			
HCHVT250-16A-18R	16A	19	98	2.9	M5	4.5±1.0N.m
HCHVT250-20A-18R	20A	29	152	3.6	M5	4.5±1.0N.m
HCHVT250-25A-18R	25A	59	297	4.0	M5	4.5±1.0N.m
HCHVT250-32A-18R	32A	97	492	5.2	M5	4.5±1.0N.m
HCHVT250-35A-18R	35A	119	607	5.6	M5	4.5±1.0N.m
HCHVT250-40A-18R	40A	172	873	6.1	M5	4.5±1.0N.m
HCHVT250-50A-18R	50A	305	1552	7.2	M5	4.5±1.0N.m
HCHVT250-63A-18R	63A	527	2674	8.8	M5	4.5±1.0N.m
HCHVT250-80A-18R	80A	907	4609	10.8	M5	4.5±1.0N.m
HCHVT250-100A-18R	100A	1554	7899	13.3	M5	4.5±1.0N.m
HCHVT250-125A-30R	125A	2028	5952	14.3	M6	5.5±1.0N.m
HCHVT250-160A-30R	160A	3428	12009	18.2	M6	5.5±1.0N.m
HCHVT250-200A-30R	200A	5728	20721	22.0	M6	5.5±1.0N.m
HCHVT250-225A-38R	225A	6888	21305	26.1	M8	11±1.0N.m
HCHVT250-250A-38R	250A	8477	25462	27.7	M8	11±1.0N.m
HCHVT250-315A-38R	315A	14013	40626	36.2	M8	11±1.0N.m
HCHVT250-350A-38R	350A	19072	56669	40.2	M8	11±1.0N.m
HCHVT250-400A-38R	400A	28022	94527	46.1	M8	11±1.0N.m
HCHVT250-450A-38R	450A	38923	133106	52.8	M8	11±1.0N.m
HCHVT250-500A-38R	500A	56050	167311	60.0	M8	11±1.0N.m

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;



HCHVT300 Series.50-200A/300Vdc(Fast-Acting)

High speed fuses

Ratings&Features Applications

电气参数/功能应用领域:

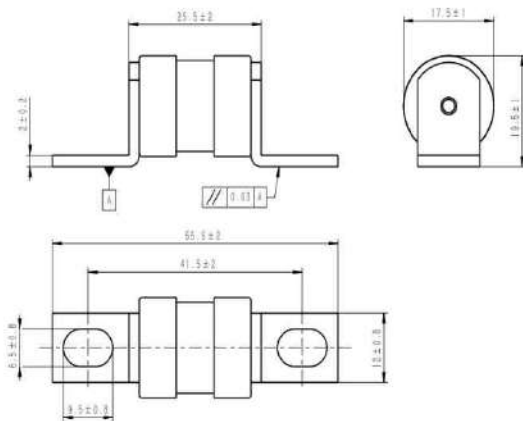
- ✧ Volts电压: 300Vdc;
- ✧ Amps 电流: 50-200A;
- ✧ Interrupting Capacity 分断:
Max BC 6kA 300Vdc;

Standards / Approvals

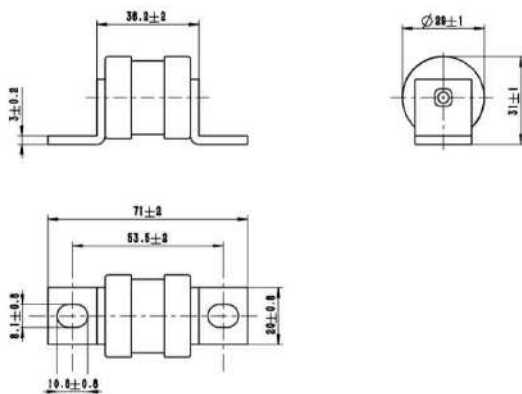
认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
- ✧ HB 20111-2012 (具体根据应用工况确定) ;
- ✧ RoHS Compliant.
符合RoHS。

Dimensions (mm) 尺寸

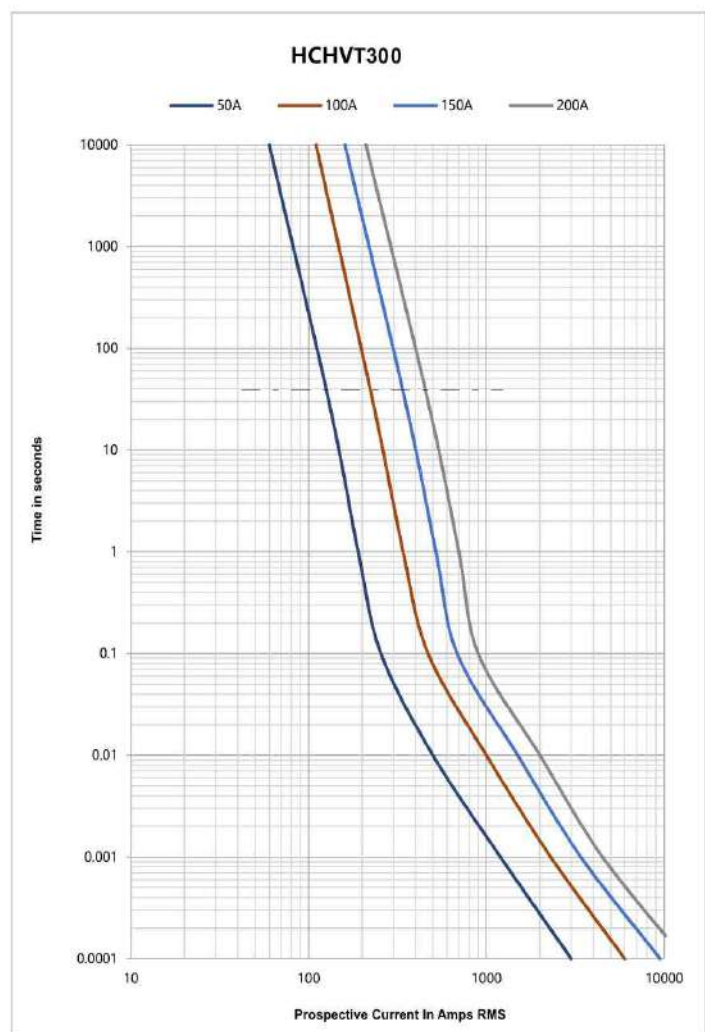


HCHVT300-18R 外形及安装尺寸



HCHVT300-30R 外形及安装尺寸

Time-Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Part No.	Amps	Volts	Weight	Standard recommended bolts	Installation torque
HCHVT300-50A-18R	50 A	300V dc	28.5 ±2.0g	M5	4.5±1.0 N,m
HCHVT300-100A-30R	100 A	300V dc	115.5 ±2.0g	M8	12.0±1.0 N.m
HCHVT300-150A-30R	150 A	300V dc	115.5 ±2.0g	M8	12.0±1.0 N.m
HCHVT300-200A-30R	200 A	300V dc	115.5 ±2.0g	M8	12.0±1.0 N.m

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

HCHVT500-18R Series 10-100A/500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 500Vdc; (or less)
- ✧ Amps电流: 10-100A; (or less)
- ✧ Interrupting Capacity分断:
Max BC 50kA 500Vdc; (or less)

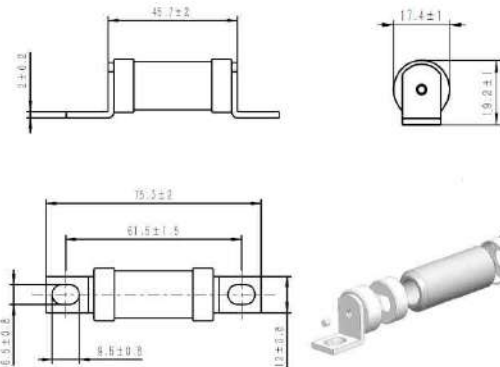
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
IEC 60269.1/IEC 60269.4
GB 13539.1/GB 13539.4;
JASO D622
性能参考UL248.13/IEC60269.4/GB 13539.4及JASO D622;
- ✧ Manufactured Under a IATF16949 Quality System for Compliance with Automotive Requirements;
根据IATF16949质量体系制造符合汽车要求;
- ✧ Reach Declaration Available Upon Request;
可根据要求提供REACH声明;
- ✧ CE;
- ✧ RoHS Compliant.
符合RoHS。

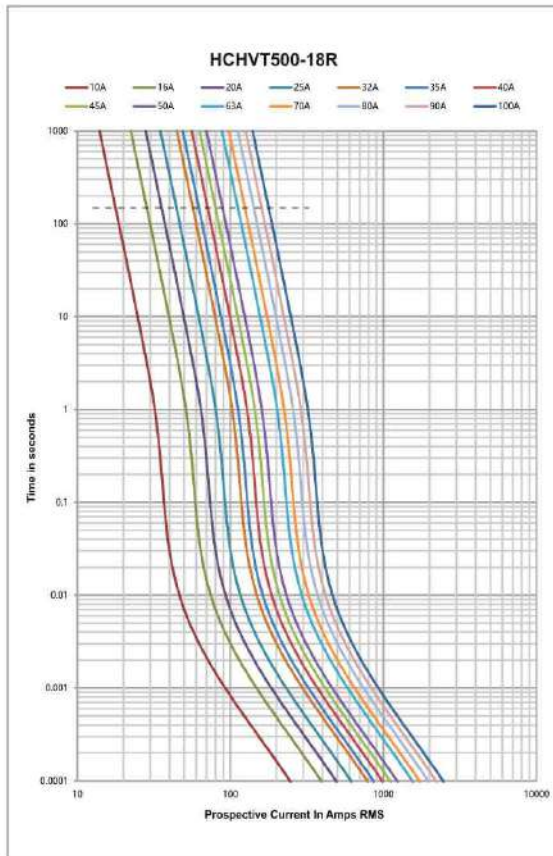


Dimensions (mm) 尺寸



Flush bolt-on xxA-18R 螺栓连接

Time-Current Curve 时间电流曲线图



Fuse Ratings 额定参数

Part No.	Fuse Amps	Average @ 50KA/500Vdc		Power Loss (W)		Approvals
		A ² s Melting	A ² t Clearing	80%	100%	
HCHVT500-10A-18R	10A	7	13	2	3	○ Pending
HCHVT500-16A-18R	16A	7	51	7	9	○ Pending
HCHVT500-20A-18R	20A	32	231	6	7	○ Pending
HCHVT500-25A-18R	25A	32	263	6	7	○ Pending
HCHVT500-32A-18R	32A	34	316	7	9	○ Pending
HCHVT500-35A-18R	35A	35	345	7	9	○ Pending
HCHVT500-40A-18R	40A	108	460	7	9	○ Pending
HCHVT500-45A-18R	45A	114	518	9	11	○ Pending
HCHVT500-50A-18R	50A	126	690	9	11	○ Pending
HCHVT500-63A-18R	63A	149	900	10	12	○ Pending
HCHVT500-70A-18R	70A	231	1140	14	18	○ Pending
HCHVT500-80A-18R	80A	275	1800	16	20	○ Pending
HCHVT500-90A-18R	90A	418	2520	16	20	○ Pending
HCHVT500-100A-18R	100A	517	3360	19	24	○ Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

HCHVT500 Series 10-400A/500Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 500Vdc;
- ✧ Amps电流: 10-400A;
- ✧ Interrupting Capacity分断:
Max BC 50kA;

Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13
- ✧ IEC 60269.1/IEC 60269.4
- ✧ GB 13539.1/GB 13539.4及JASO-D622

性能参考UL 248.13/IEC 60269.4/GB 13539.4及JASO-D622;

- ✧ Manufactured Under a IATF16949 Quality System For Compliance With Automotive Requirements

根据IATF16949质量体系制造符合汽车要求;

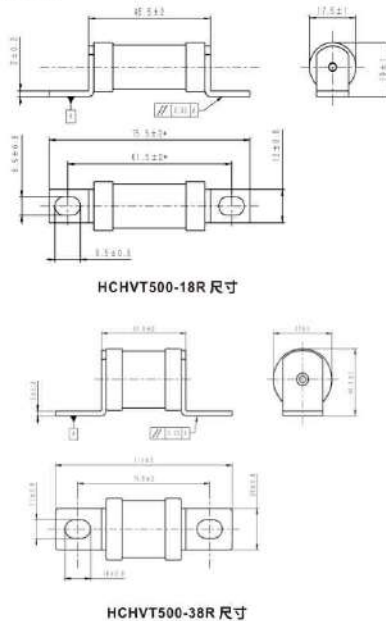
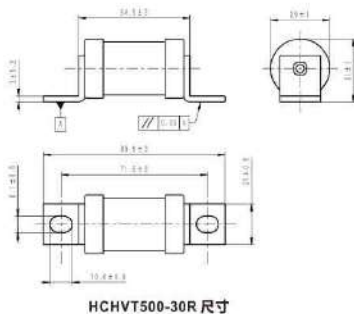
- ✧ Reach Declaration Available Upon Request ;

可根据要求提供REACH声明;

- ✧ CE;

- ✧ RoHS Compliant.
符合RoHS.

Dimensions (mm) 尺寸



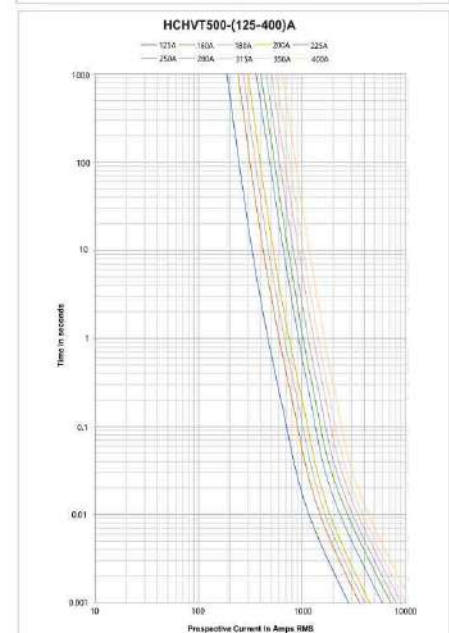
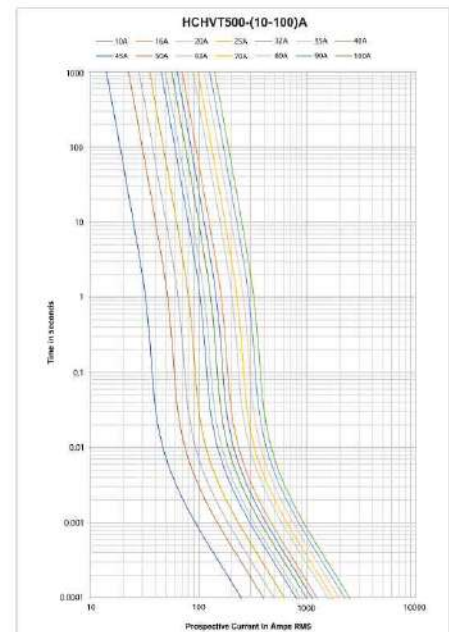
Fuse Ratings 额定参数

Part No.	Fuse Amps	Average @50KA/500Vdc		Power Loss (W)		Standard recommended bolts	Installation torque
		A's Melting	A's Clearing	100%			
HCHVT500-10A-18R	10A	7	13	3		M5	4.5±1.0N.m
HCHVT500-16A-18R	16A	7	51	9		M5	4.5±1.0N.m
HCHVT500-20A-18R	20A	32	231	7		M5	4.5±1.0N.m
HCHVT500-25A-18R	25A	32	263	7		M5	4.5±1.0N.m
HCHVT500-32A-18R	32A	34	316	9		M5	4.5±1.0N.m
HCHVT500-35A-18R	35A	35	345	9		M5	4.5±1.0N.m
HCHVT500-40A-18R	40A	108	460	9		M5	4.5±1.0N.m
HCHVT500-45A-18R	45A	114	518	11		M5	4.5±1.0N.m
HCHVT500-50A-18R	50A	126	690	11		M5	4.5±1.0N.m
HCHVT500-63A-18R	63A	149	900	12		M5	4.5±1.0N.m
HCHVT500-70A-18R	70A	231	1140	18		M5	4.5±1.0N.m
HCHVT500-80A-18R	80A	275	1800	20		M5	4.5±1.0N.m
HCHVT500-90A-18R	90A	418	2520	20		M5	4.5±1.0N.m
HCHVT500-100A-18R	100A	517	3360	24		M5	4.5±1.0N.m
HCHVT500-125A-30R	125A	1512	18690	24		M6	5.5±1.0N.m
HCHVT500-160A-30R	160A	2065	25534	32		M6	5.5±1.0N.m
HCHVT500-180A-30R	180A	2865	35534	36		M6	5.5±1.0N.m
HCHVT500-200A-30R	200A	3733	46153	38		M6	5.5±1.0N.m
HCHVT500-225A-38R	225A	3406	25883	50		M8	11±1.0N.m
HCHVT500-250A-38R	250A	4264	32402	60		M8	11±1.0N.m
HCHVT500-280A-38R	280A	7346	55817	66		M8	11±1.0N.m
HCHVT500-315A-38R	315A	9755	74124	74		M8	11±1.0N.m
HCHVT500-350A-38R	350A	12597	95718	79		M8	11±1.0N.m
HCHVT500-400A-38R	400A	35100	266700	81		M8	11±1.0N.m

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C



Time-Current Curve 时间电流曲线图



HCHVT500-UD-38R Series 250-500A/500Vdc

High speed fuses

Ratings&Features Applications

电气参数/功能应用领域:

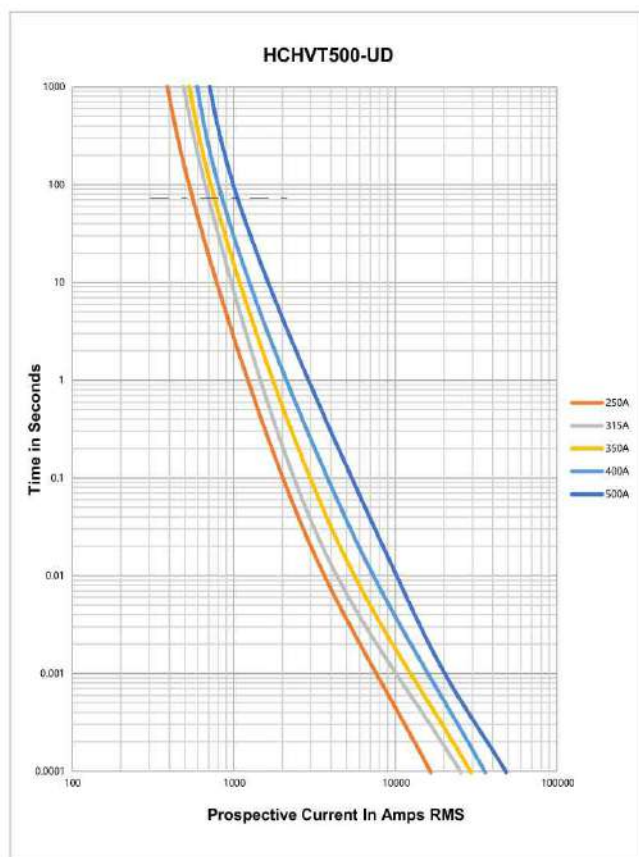
- ✧ Volts电压: 500 Vdc;
- ✧ Amps电流: 250-500A;
- ✧ Interrupting Capacity分断:
Max BC 50 kA;

Standards / Approvals

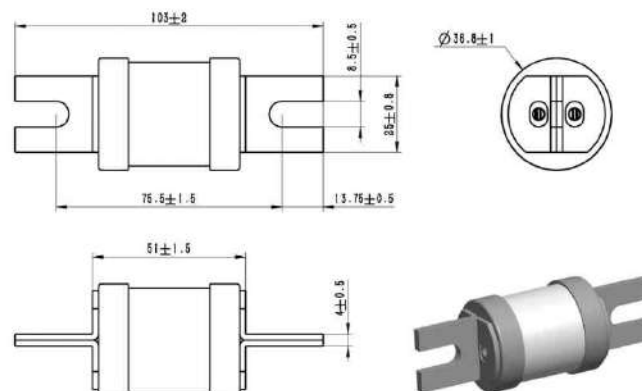
认证/标准:

- ✧ Refer To UL 248.1/UL 248.13&IEC 60269.1/IEC 60269.4
- ✧ GB 13539.1/GB 13539.4及JASO -D622
性能参考UL 248.13/IEC 60269.4/GB 13539.4及JASO -D622;
- ✧ Manufactured Under a IATF16949 Quality System for Compliance with Automotive Requirements
根据IATF16949质量体系制造符合汽车要求;
- ✧ Reach Declaration Available Upon Request
可根据要求提供REACH声明;
- ✧ CE;
- ✧ RoHS Compliant.
符合RoHS。

Time-Current Curve 时间电流曲线图



Dimensions (mm) 尺寸



Fuse Ratings 额定参数

Part No.	Fuse Amps	Average @50KA/500Vdc		Power Loss (W) 100%	Standard recommended bolts 推荐使用螺栓	Installation torque 推荐螺栓扭矩
		A's Melting	A's Clearing			
HCHVT500-250UD-38R	250A	4650	34650	60	M8	12±1.0N.m
HCHVT500-315UD-38R	315A	15160	72200	66		
HCHVT500-350UD-38R	350A	18290	80500	75		
HCHVT500-400UD-38R	400A	28910	136500	85		
HCHVT500-500UD-38R	500A	42820	197000	98		

✧ DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C ;

✧ It's values of 502 V DC, 50kA, typical data at 2.7 ms;

HCHVT750-18R Series 10-100A/750Vdc(Fast-Acting)

Ratings&Features Applications

电气参数/功能应用领域:

- ✧ Volts电压: 750Vdc; (orless)
- ✧ Amps电流: 10-100A;
- ✧ Interrupting Capacity分断:
Max BC: 50kA@750Vdc;

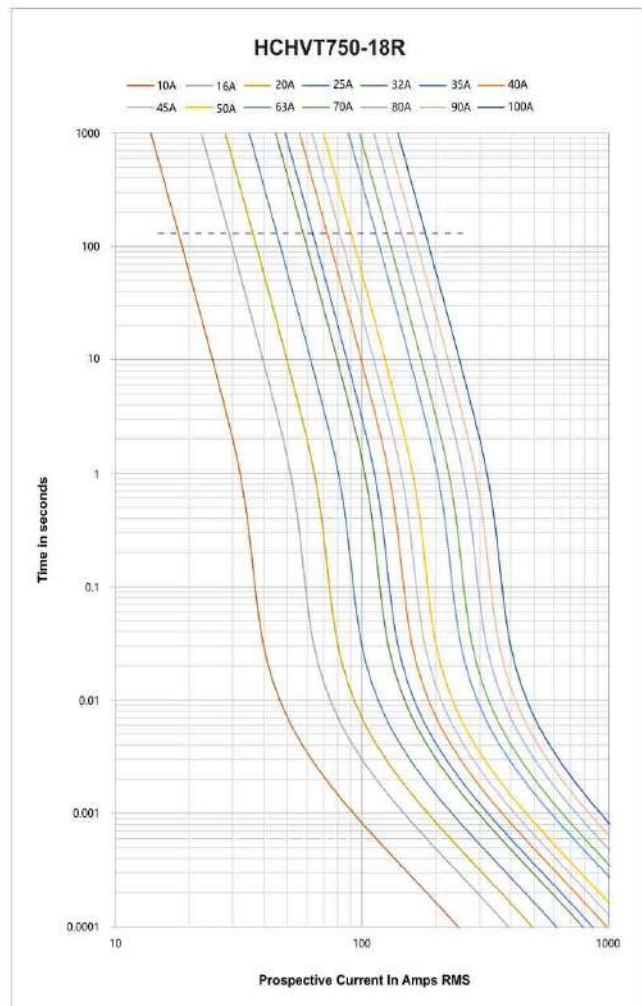
Standards / Approvals

认证/标准:

- ✧ Refer To UL 248.1/UL 248.13 ;
- ✧ IEC 60269.1/IEC 60269.4 ;
- ✧ CE;
- ✧ RoHS Compliant
符合RoHS。

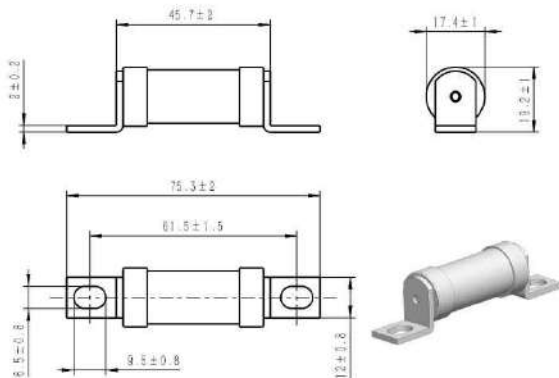


Time-Current Curve 时间电流曲线图



Time-Current Curve 时间电流曲线图

Dimensions (mm) 尺寸



Flush bolt-on xxA-18R 螺栓连接

Fuse Ratings 额定参数

Part No.	Fuse Amps	Average @50KA/750Vdc		Power Loss (W)		Approvals
		A ² s Melting	A ² t Clearing	80%	100%	
HCHVT750-10A-18R	10A	7.56	15.60	0.75	1.50	○ Pending
HCHVT750-16A-18R	16A	7.56	61.20	1.10	2.00	○ Pending
HCHVT750-20A-18R	20A	34.56	277.20	1.25	2.50	○ Pending
HCHVT750-25A-18R	25A	34.56	315.60	1.60	3.00	○ Pending
HCHVT750-32A-18R	32A	36.72	379.20	2.50	4.50	○ Pending
HCHVT750-35A-18R	35A	37.80	414.00	2.75	5.00	○ Pending
HCHVT750-40A-18R	40A	116.64	552.00	3.20	6.00	○ Pending
HCHVT750-45A-18R	45A	123.12	621.60	3.45	6.50	○ Pending
HCHVT750-50A-18R	50A	136.08	828.00	4.00	7.50	○ Pending
HCHVT750-63A-18R	63A	160.92	1080.00	5.30	10.00	○ Pending
HCHVT750-70A-18R	70A	249.48	1368.00	6.20	12.00	○ Pending
HCHVT750-80A-18R	80A	297.00	2160.00	7.80	15.00	○ Pending
HCHVT750-90A-18R	90A	451.44	3024.00	9.50	18.00	○ Pending
HCHVT750-100A-18R	100A	558.36	4032.00	10.30	20.00	○ Pending

DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

Photovoltaic Fuse Holder Series.HCPV1U.1000/600Vdc

Product description

HIITIO HCPV1U DIN-Rail fuse holders are for PV systems/ UL Class CC and supplemental fuses, and IEC 10x38 fuses. They are available with and without indication in 1-, 2-pole IP20 finger-safe versions. A variety of accessories extends their application flexibility and they may be ganged together to meet specific application requirements.

Features

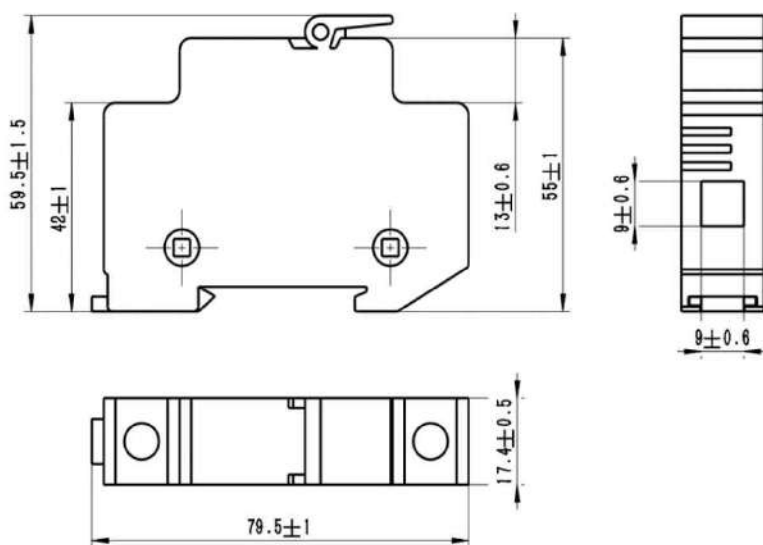
- Suitable for 10 x 38 gPV cylindrical fuse links
- Current rating: 30 A for IEC and UL (35A Max)

Technical Data

Number of poles: 1

- Volts: 1000 V (or less) Photovoltaic (PV)
- Volts: 600 V (or less) UL / 690 V (or less) IEC
- Rated current: 30 A for IEC and UL (35A Max)
- Rated breaking capacity I_{cc}: 30 kA Dc photovoltaic
- Suitable for fuse links with permitted rated power dissipation up to max 8W
- RoHS Compliant
- Mounting on 35 mm DIN-Rail
- Degree of protection: IP20
- Flammability: UL94-V0, self-extinguishing

Dimensions -mm:



Storage and operating temperature

- -20°C to 90°C indicating
- -20°C to 120°C non-indicating

Storage temperature

- -40°C to 70°C

Standards/Approvals:

- IEC 60269-1
- UL 4248-1 Edition 1
- UL 4248-19 Edition 1

Terminal points:

Box terminal: Cu 4 - 25 mm² flexible, directly clamped or with wire-end ferrules (flexible + wire-end ferrule may not be possible with maximum cross-section)

Packaging:

- 12 per pack



Photovoltaic Fuse Holder Series.HCPV1F.10x65mm 1500v

HCPV1F, 1500V D.C. 10x65mm Fuse Holder

Technical Data

Number of poles: 1

- Rated voltage: 1500 V dc.
- Rated current: 32 A for IEC and UL (35A Max)
- Rated isolation voltage U_i : 1500 V
- Rated impulse withstand voltage U_p : 12 kV (tested at 18.5 kV)
- Rated breaking capacity I_{cc} : 30 kA Dc photovoltaic
- Suitable for fuse links with permitted rated power dissipation

up to max 8.5W

- RoHS Compliant
- Mounting on 35 mm DIN-Rail
- Degree of protection: IP20
- Flammability: UL94-V0, self-extinguishing

Storage and operating temperature

- -20°C to 90°C indicating
- -20°C to 120°C non-indicating

Storage temperature

- -40°C to 70°C

Standards/Approvals:

- IEC 60269-1/6
- UL 4248-1 Edition 1
- UL 4248-19 Edition 1

Compatible fuse links:

- 10 x 65 mm fuse links - HCPVF1500-xxA-10RS

Packaging:

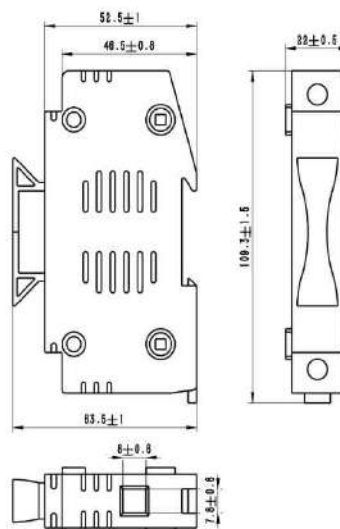
- 12 per pack



Terminal points:

Box terminal: Cu 4 - 25 mm² flexible, directly clamped or with wire-end ferrules (flexible + wire-end ferrule may not be possible with maximum cross-section)

Dimensions -mm:

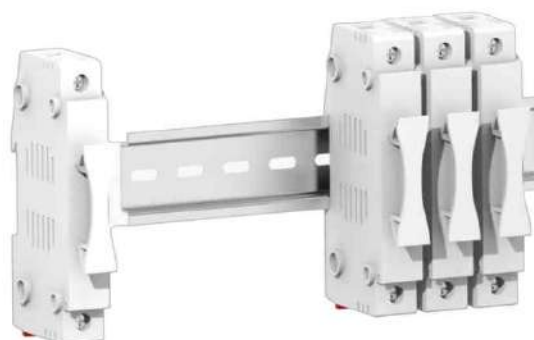


Product description

HIITIO HCPV1F series 10 x 65 mm fuse holder is suitable for use with 10 x 65 mm cylindrical gPV fuse links. The unique design offers high degree of safety. There is no possibility of any accidental contact with live parts during replacement of the fuse links. When the fuse carrier is in the extracted position the carrier covers the live parts hence protecting against any accidental contact.

Features

- Suitable for 10 x 65 gPV cylindrical fuse links
- Current rating: 32 A for IEC and UL (35A Max)



Photovoltaic Fuse Holder Series.HCPV1L.10x85mm 1500v

Technical Data

Number of poles: 1

- Rated voltage: 1500 V dc.
- Rated current: 32 A for IEC and UL (35A Max)
- Rated isolation voltage U_i : 1500 V
- Rated impulse withstand voltage U_p : 12 kV (tested at 18.5 kV)
- Rated breaking capacity I_{cc} : 30 kA Dc photovoltaic
- Suitable for fuse links with permitted rated power dissipation up to max 8.5W
- RoHS Compliant
- Mounting on 35 mm DIN-Rail
- Degree of protection: IP20
- Flammability: UL94-V0, self-extinguishing

Storage and operating temperature

- -20°C to 90°C indicating
- -20°C to 120°C non-indicating

Storage temperature

- -40°C to 70°C

Standards/Approvals:

- IEC 60269-1/6
- UL 4248-1 Edition 1
- UL 4248-19 Edition 1

Compatible fuse links:

- 10 x 85 mm fuse links - HCPVF1500-xxA-10R

Packaging:

- 12 per pack

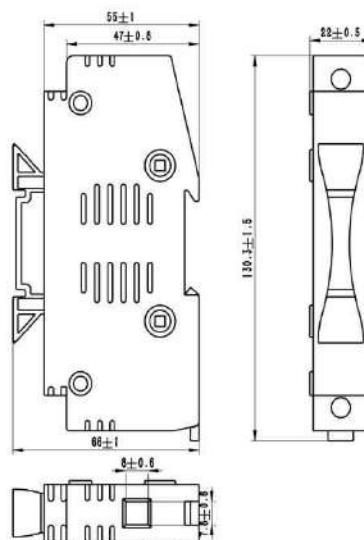
HCPV1L, 1500V D.C. 10x85mm Fuse Holder



Terminal points:

Box terminal: Cu 4 - 25 mm² flexible, directly clamped or with wire-end ferrules (flexible + wire-end ferrule may not be possible with maximum cross-section)

Dimensions -mm:

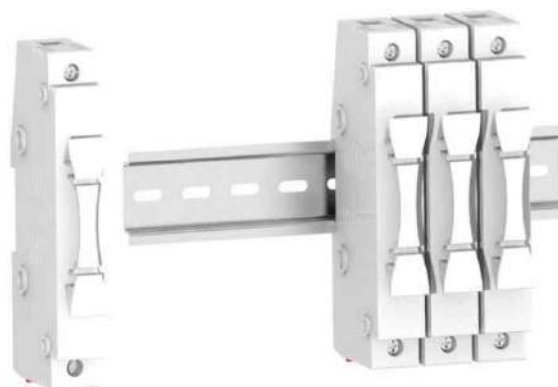


Product description

HIITIO HCPV1L series 10 x 85 mm fuse holder is suitable for use with 10 x 85 mm cylindrical gPV fuse links. The unique design offers high degree of safety. There is no possibility of any accidental contact with live parts during replacement of the fuse links. When the fuse carrier is in the extracted position the carrier covers the live parts hence protecting against any accidental contact.

Features

- Suitable for 10 x 85 gPV cylindrical fuse links
- Current rating: 32 A for IEC and UL (35A Max)



2A-250V HCMS02501

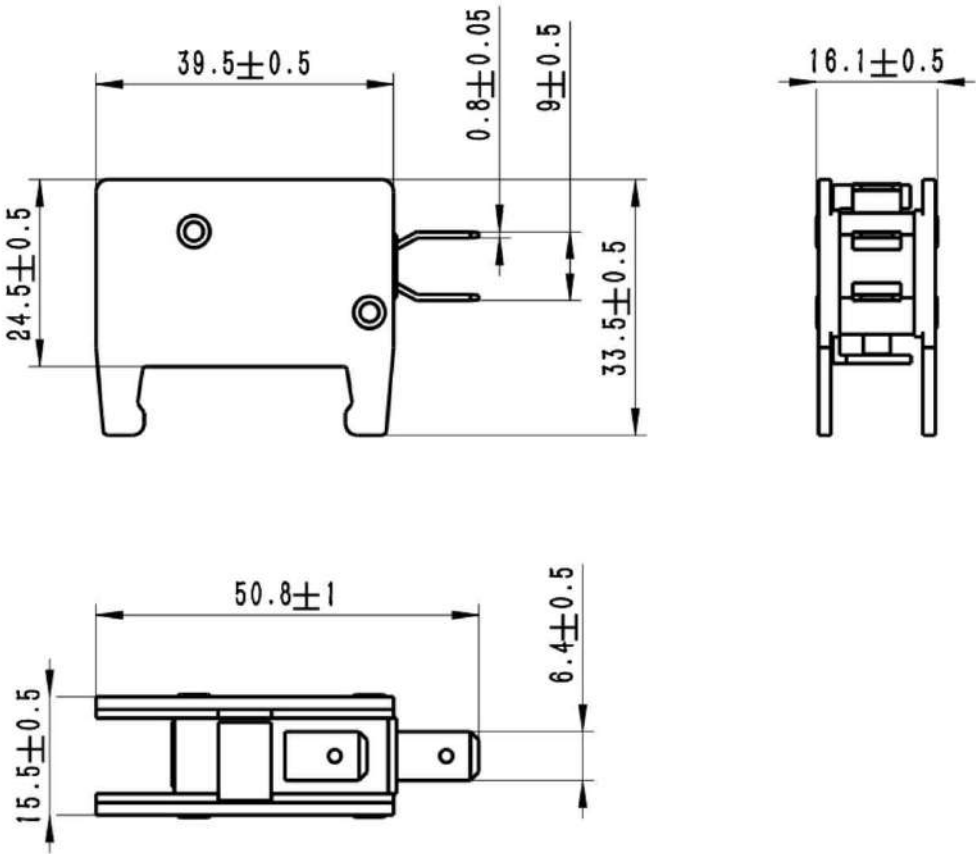
Description 描述



Product name 产品名称	Product model 产品型号	Rated voltage 额定电压 V	Rated current 额定电流 A
微动开关	HCMS02501	250Vac	2A

Contact material 触点材质	Lugs size 快接端子尺寸 (mm)	Body material 本体材质	Fire rating 防火等级	IP rating IP 等级	Operating temperature range 使用温度范围
H65 (铜镀银)	6.3 x 0.8 mm	PA66	UL94 -V0	IP40	-40℃~+120℃

Dimensions(mm) 尺寸



HIITIO®
和诚电气



ISO9001 CERTIFIED



ISO14001 CERTIFIED



ISO45001 CERTIFIED



IATF16949 CERTIFIED



浙江和诚智能电气有限公司

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出版日期：2024年