

BS88 series



【DESCRIPTION】

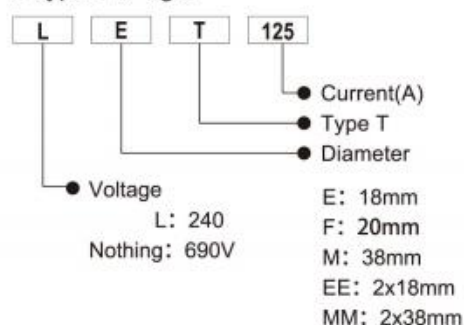
- Conforms to BS88-4&IEC 60269-4
- British Fuses are commonly used in the power supply equipments such as inverter UPS/EPs, It is mainly used in the commonwealth countries before, at present, it is adored and utilized by manufacturers from all over the world.

【CHARACTERISTICS】

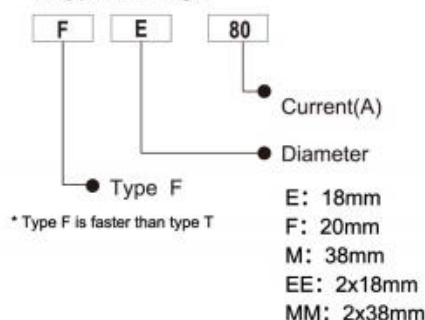
- High Breaking capacity
- Small clearing I^2t
- Small arc voltage, low power losses
- Small volume, high performance cost ratio

【Model Coding Illustration】

【 Type T 】 eg.:



【 Type F 】 eg.:



BS88 240V 6-900A

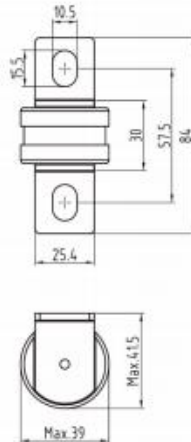
【SELECTION TABLE】

Spec.	Rated Current	I ² t(A ² S)			Power Losses	Product Model	Ordering No.	Min Packing Qty	Packing Weight	Fig.No.
		Clearing of Pre-Arc	Total Clearing at 120V	Total Clearing at 240V						
LET	6	2.3	8	11	3.0	LET6	TN302730	10	0.31	【Fig.-1F1A】
	10	4	14	24	4.5	LET10	TN302740			
	12	8	24	34	4.5	LET12	TN302750			
	16	22	52	110	4.5	LET16	TN302760			
	20	30	82	170	6.0	LET20	TN302770			
	25	23	130	260	6.0	LET25	TN302780			
	32	37	210	460	7.0	LET32	TN302790			
	35	55	330	610	7.0	LET35	TN302800			
	50	105	510	1410	9.0	LET50	TN302810			
	63	190	1110	2210	11.0	LET63	TN302820			
	80	320	2000	3900	12.0	LET80	TN302830			
	100	700	3900	7600	12.0	LET100	TN302840			
	125	700	3900	7600	18.0	LET125	TN302850			
	160	1200	7100	16100	22.0	LET160	TN302860			
	180	1700	12100	29100	23.0	LET180	TN302870			
LMT	160	1200	7100	16100	19.0	LMT160	TN302880	1	0.2	【Fig.-1F2A】
	200	1700	10100	20100	30.0	LMT200	TN302890			
	250	3500	20100	40100	30.0	LMT250	TN302900			
	315	7000	35100	75100	37.0	LMT315	TN302910			
	355	9000	50100	100100	37.0	LMT355	TN302920			
	400	15000	70100	160100	42.0	LMT400	TN302930			
	450	19000	100100	220100	44.0	LMT450	TN302940			
LMMT	400	7000	35100	80100	62.0	LMMT400	RN102950	1	0.4	【Fig.-1F3A】
	500	15000	80100	170100	66.0	LMMT500	RN102960			
	630	25000	150100	300100	77.0	LMMT630	RN102970			
	710	33000	200100	460100	79.0	LMMT710	RN102980			
	800	53000	300100	600100	84.0	LMMT800	RN102990			
	900	76000	400100	800100	99.0	LMMT900	RN103000			

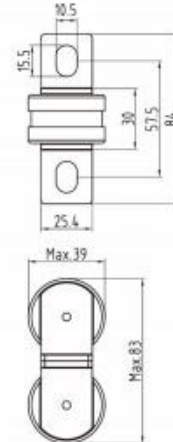
【DIMENSIONS】



【Fig.-1F1A】 Unit: mm



【Fig.-1F2A】 Unit: mm



【Fig.-1F3A】 Unit: mm



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BS88 690V 6-700A

Spec.	Rated Current	I²t (A²S)			Power Losses	Product Model	Ordering No.	Min Packing Qty	Packing Weight	Fig.No.
		Clearing of Pre-Arc	Total Clearing at 415V	Total Clearing at 690V						
ET	6	2	9	12	2	ET6	TN302090	10	0.4	【Fig.-2F1A】
	10	8	32	50	3	ET10	TN302100			
	12	12	42	67	5	ET12	TN302110			
	16	18	68	120	9	ET16	TN302120			
	20	34	160	230	9	ET20	TN302130			
	25	27	160	260	9	ET25	TN302140			
	32	34	200	360	13	ET32	TN302150			
	35	54	320	510	13	ET35	TN302160			
	40	108	650	950	11	ET40	TN302170			
	45	108	730	1150	13	ET45	TN302180			
	56	140	1000	1550	16	ET56	TN302190			
FE	63	176	1250	2050	18	ET63	TN302200	10	0.4	【Fig.-2F1A】
	80	410	2550	4050	20	ET80	TN302210			
	35	38	135	250	11	FE35	TN302220			
	40	57	185	350	11	FE40	RN302230			
	45	81	320	500	13	FE45	RN302240			
	50	108	430	650	13	FE50	RN302250			
	63	140	530	800	14	FE63	RN302260			
	71	260	650	1000	19	FE71	RN302270			
	80	300	950	1550	22	FE80	RN302280			
	90	410	1350	2150	22	FE90	RN302290			
	100	520	1850	2850	25	FE100	RN302300			
FF	80	520	1850	2850	25	FF80L	TN302281	10	0.4	【Fig.-2F2A】
	100	550	2100	3100	27	FF100L	TN302301			
	125	605	2300	3300	28	FF125L	TN302302			
	160	800	2900	3700	29	FF160L	TN302303			
	200	1010	3300	5000	32	FF200L	TN302304			
EET	90	540	3050	4550	21	EET90	RN102310	5	0.45	【Fig.-2F3A】
	110	700	4100	6600	29	EET110	RN102320			
	140	1150	7100	12100	37	EET140	RN102330			
	160	1600	10100	17100	41	EET160	RN102340			
FEE	100	410	1700	2500	26	FEE100	RN102350	5	0.45	【Fig.-2F3A】
	120	640	2000	3200	34	FEE120	RN102360			
	140	950	2600	3900	38	FEE140	RN102370			
	160	1100	3800	5800	48	FEE160	RN102380			
	180	1500	5400	8500	48	FEE180	RN102390			
	200	2000	7200	11500	62	FEE200	RN102400			
FM	180	1500	7600	13600	42	FM180	TN302410	1	0.25	【Fig.-2F4A】
	200	2700	10600	18600	42	FM200	TN302420			
	225	3800	14600	26600	46	FM225	TN302430			
	250	5300	20600	37600	50	FM250	TN302440			
	280	7100	30600	55100	50	FM280	TN302450			
	315	10100	40100	77100	65	FM315	TN302460			
	350	15100	60100	105100	65	FM350	TN302470			
FMM	400	10100	40100	72600	95	FMM400	RN102480	1	0.45	【Fig.-2F5A】
	450	15100	65000	110000	100	FMM450	RN102490			
	500	20100	87000	155000	110	FMM500	RN102500			
	550	30100	125000	220000	110	FMM550	RN102510			
	630	45100	185000	315000	110	FMM630	RN102520			
	700	60100	250000	425000	130	FMM700	RN102530			
MT	160	2500	15100	30000	28	MT160	RN302540	1	0.3	【Fig.-2F4A】
	180	3900	25100	46000	28	MT180	RN302550			
	200	6100	45000	63000	29	MT200	RN302560			
	250	11600	85000	115000	34	MT250	RN302570			
	280	16600	105000	155000	37	MT280	RN302580			
	315	19100	130000	185000	44	MT315	RN302590			
	355	22100	165000	205000	61	MT355	RN302600			
MMT	180	1750	12100	23000	44	MMT180	RN102610	1	0.5	【Fig.-2F5A】
	200	2300	16100	28000	44	MMT200	RN102620			
	225	3800	26100	45000	44	MMT225	RN102630			
	280	6700	52000	75000	49	MMT280	RN102640			
	315	8700	67000	96000	61	MMT315	RN102650			
	355	13600	102000	145000	64	MMT355	RN102660			
	400	21100	155000	225000	70	MMT400	RN102670			
	450	30100	225000	325000	67	MMT450	RN102680			
	500	42100	305000	455000	74	MMT500	RN102690			
	560	60100	435000	645000	74	MMT560	RN102700			
	630	68600	505000	725000	96	MMT630	RN102710			
	710	78100	605000	855000	115	MMT710	RN102720			



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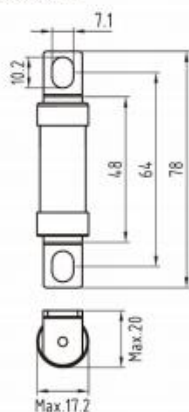


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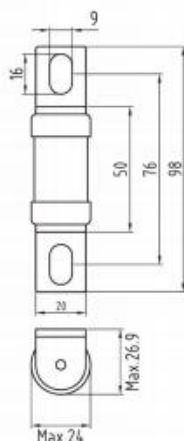


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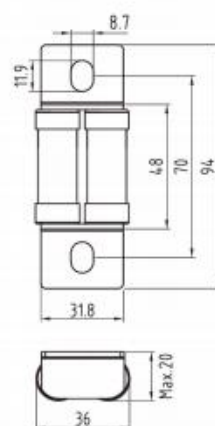
【DIMENSIONS】



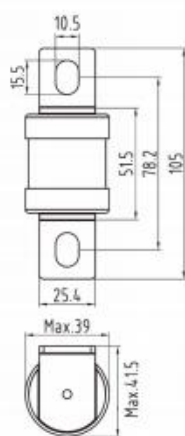
【Fig.-2F1A】 Unit: mm



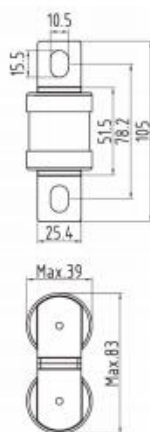
【Fig.-2F2A】 Unit: mm



【Fig.-2F3A】 Unit: mm



【Fig.-2F4A】 Unit: mm

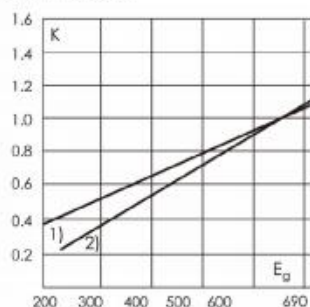


【Fig.-2F5A】 Unit: mm

【ELECTRICAL CHARACTERISTICS】

Total Clearing I^2t

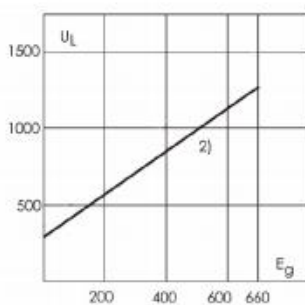
The total clearing I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For the voltage that is not the rated voltage, the clearing I^2t is found by multiplying by correction factor, K. See the function of working voltage E_g (rms) and correction factor K as showed in the figure.



- 1) ET, EET, FE, FEE, MT, MMT
2) FM, FMM

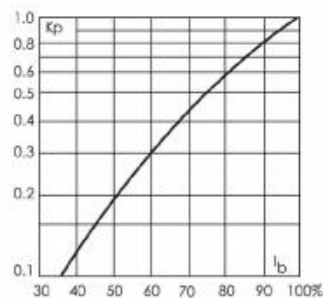
Arc Voltage:

This curve gives the peak arc voltage, U_L , which may appear across the fuse during its operation as a function of the applied working voltage, E_g (rms) at a power factor of 15%.



Power Losses:

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor, K_p is given as a function of the RMS load current, I_b , in % of the rated current.



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European Standard Square Body High Speed Fuses

【BRIEF INTRODUCTION】



【STANDARD】

- IEC 60269-4
- US/BS

【CERTIFICATION】

- China Compulsory Product Certification.(CCC)
- Compulsory Product Certification of EU (CE)

【PROTECTION CHARACTERISTICS】

- aR&gR

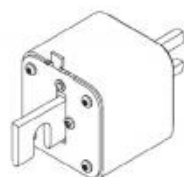
【DESCRIPTION】

CFriend offers a complete range of square body high speed fuses. Square body high speed fuses are widely used in the protection of precised circuit semiconductor which require a compact design with superior performance

【CHARACTERISTICS】

- Minimum total clearing 1^2t
- Low power losses and temperature rise
- Higher reliability
- Lower arc voltage
- 95 porcelain is used with better mechanical strength and electric insulation

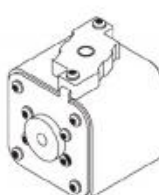
【STYLE ILLUSTRATION】



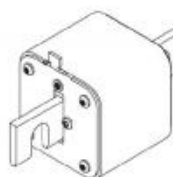
DIN 43 653



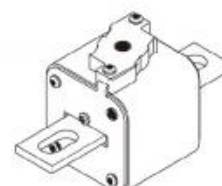
DIN 43 620



Flush End



French Style



US Style

【SIZE TABLE】

Size	000	00	1*	1	2	3	4
Size of Cross Section mm	21x36	30x47	45x45	53x53	61x61	76x76	105x105
Scale Map of Cross Section							



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Applications Guide

【MAXIMUM PERMISSIBLE LOAD CURRENT】

The rated current value of CFriend is based on the ambient temperature of 20°C. The following graph gives correction factors(k) for a range of temperatures(-40°C to +80°C).Maximum permissible continuous load currents can be calculated by applying the following formula:

$$I_b \leq I_n \times K \times (1 + 0.05V) \times K_b$$

I_b = Maximum permissible continuous load current

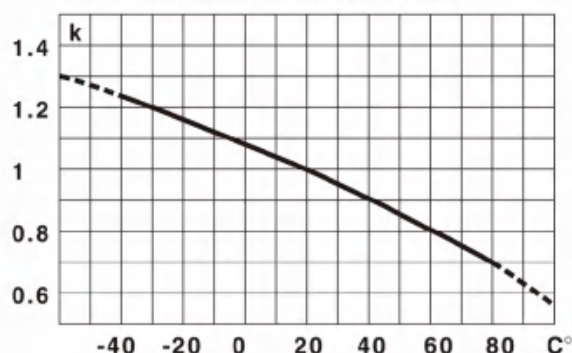
I_n = Rated current of Fuse

K = Temperature correction factor

V = Velocity of cooling air in m/s(max. 5m/s)

K_b = Fuse load constant 1.0

Temperature Correction Curve



The maximum permissible continuous load current I_b of a fuse can be checked empirically(i.e.,by satisfying the formula below) by making simple voltage and temperature measurements under actual operating conditions after the fuse has been installed in its operating location and loaded at the calculated I_b value

$$\frac{E_2}{E_1} \times (0.92 + 0.004t) \leq N$$

E_1 = Voltage drop across fuse after 5 seconds

E_2 = Voltage drop across fuse after 2 hour

t = Air temperature at start of test(°C)

N = Constant

Fuse Rated Voltage(IEC)	N
690	1.5
1250	1.6

【MODEL CODING RULES】

CFriend offers clear rules and illustration for the coding of square body high speed fuses, which is convenient for the selection and checking.

Model Illustration: **C F U 2 0 8 0 E T - G** this model means C square body high speed fuse/690V/type DIN43653/ No.2/800A/space 80mm/type T indicating

Series No.	Applied Voltage	Way of Mounting	Size	Rated Current	Space of mounting	Type of indicating	Protection Characteristics
C : AC series	F: 690V	M: DIN43620	9: 000	Value: when the value is 8,9,0., which means the actual rated current Value: when the value is 1-7., which means the actual rated current should multiply 10 times	A: 51mm	K: type K indicating	No: aR -G: gR
	R: 700V	blade type	0: 00		B: 67mm	T: type T indicating	
	B: 1250V	H: flush end	8: 1*		C: 75mm	I: type I indicating	
	E: 1500V	U: DIN4363 hook	1: 1		D: 78mm	N: no indicating	
	N: 2000V	L: DIN43653	2: 2		Fr style 76mm	D: Dual Indication	
	G(S):	stool type	3: 3		E: 80mm		
	750V/800V	F: French style	4: 4		F: 86mm		
	C: 1200V	E: US style	5: 5		G: 90mm		
	H: 500V	P: single plate	6: 6		Fr style 91mm		
		K: dual plate	7: 7		H: 110mm		
D/B : DC series		D: dual			J: 115mm		
		N: Vertical Plug-in			K: 135mm		
		B: Hole Plug-in			L: 150mm		
		S: Reverse Plug-in			P: 60mm		
		C: Two-Way Plug-in			U: 70mm		



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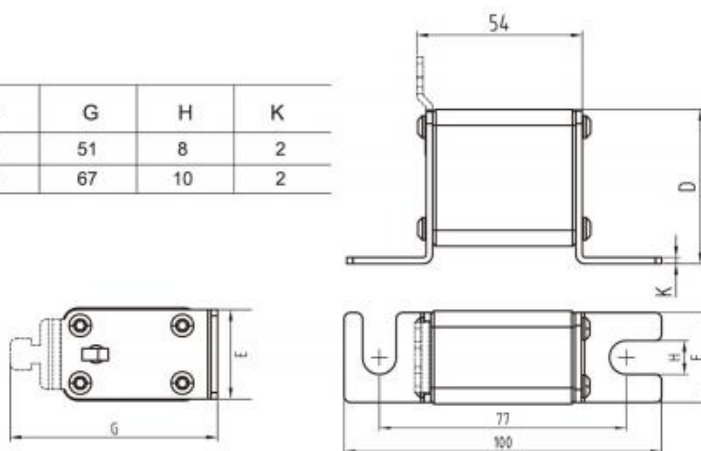
690V DIN type43653 size000/00 10-400A

【SELECTION TABLE】

Size	Current	Type 80 with Indicator		Type 80T with Microswitch can be matched		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.	Model	Ordering No.			
000	10	CFL9010EI	TN203860	CFL9010ET	TN204680	3	0.4	【Fig.-1G1A】
	16	CFL9016EI	TN203870	CFL9016ET	TN204690			
	20	CFL9020EI	TN203880	CFL9020ET	TN204700			
	25	CFL9025EI	TN203890	CFL9025ET	TN204710			
	32	CFL9032EI	TN203900	CFL9032ET	TN204720			
	40	CFL9040EI	TN203910	CFL9040ET	TN204730			
	50	CFL9050EI	TN203920	CFL9050ET	TN204740			
	63	CFL9063EI	TN203930	CFL9063ET	TN204750			
	80	CFL9080EI	TN203940	CFL9080ET	TN204760			
	100	CFL9100EI	TN203950	CFL9100ET	TN204770			
	125	CFL9125EI	TN203960	CFL9125ET	TN204780			
	160	CFL9160EI	TN203970	CFL9160ET	TN204790			
	200	CFL9200EI	TN203980	CFL9200ET	TN204800			
	250	CFL9250EI	TN203990	CFL9250ET	TN204810			
	315	CFL9315EI	TN204000	CFL9315ET	TN204820			
00	25	CFL0025EI	TN304010	CFL0025ET	TN304830	3	0.6	【Fig.-1G1A】
	32	CFL0032EI	TN304020	CFL0032ET	TN304840			
	40	CFL0040EI	TN304030	CFL0040ET	TN304850			
	50	CFL0050EI	TN304040	CFL0050ET	TN304860			
	63	CFL0063EI	TN304050	CFL0063ET	TN304870			
	80	CFL0080EI	TN304060	CFL0080ET	TN304880			
	100	CFL0100EI	TN304070	CFL0100ET	TN304890			
	125	CFL0125EI	TN304080	CFL0125ET	TN304900			
	160	CFL0160EI	TN304090	CFL0160ET	TN304910			
	200	CFL0200EI	TN304100	CFL0200ET	TN304920			
	250	CFL0250EI	TN304110	CFL0250ET	TN304930			
	315	CFL0315EI	TN304120	CFL0315ET	TN304940			
	350	CFL0350EI	TN304130	CFL0350ET	TN304950			
	400	CFL0400EI	TN304140	CFL0400ET	TN304960			

【DIMENSIONS】

Size	D	E	F	G	H	K
000	40	21	20	51	8	2
00	51	30	28	67	10	2



【Fig.-1G1A】 Unit: mm



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690V DIN type43653 size1*/1/2/300 40-2000A

【SELECTION TABLE】

Size	Current	Type 80 with Indicator		Type 80T with Microswitch can be matched		Type 80K with Microswitch can be matched		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.	Model	Ordering No.	Model	Ordering No.			
1*	40	CFU8040EI	RN104150	CFU8040ET	TN204970	CFU8040EK	TN205500	3	0.9	
	50	CFU8050EI	RN104160	CFU8050ET	TN204980	CFU8050EK	TN205510			
	63	CFU8063EI	RN104170	CFU8063ET	TN204990	CFU8063EK	TN205520			
	80	CFU8080EI	RN104180	CFU8080ET	TN205000	CFU8080EK	TN205530			
	100	CFU8100EI	RN104190	CFU8100ET	TN205010	CFU8100EK	TN205540			
	125	CFU8125EI	RN104200	CFU8125ET	TN205020	CFU8125EK	TN205550			
	160	CFU8160EI	RN104210	CFU8160ET	TN205030	CFU8160EK	TN205560			
	200	CFU8200EI	RN104220	CFU8200ET	TN205040	CFU8200EK	TN205570			
	250	CFU8250EI	RN104230	CFU8250ET	TN205050	CFU8250EK	TN205580			
	315	CFU8315EI	RN104240	CFU8315ET	TN205060	CFU8315EK	TN205590			
	350	CFU8350EI	RN104250	CFU8350ET	TN205070	CFU8350EK	TN205600			
	400	CFU8400EI	RN104260	CFU8400ET	TN205080	CFU8400EK	TN205610			
	450	CFU8450EI	RN104270	CFU8450ET	TN205090	CFU8450EK	TN205620			
	500	CFU8500EI	RN104280	CFU8500ET	TN205100	CFU8500EK	TN205630			
1	550	CFU8550EI	RN104290	CFU8550ET	TN205110	CFU8550EK	TN205640	3	1.3	
	630	CFU8630EI	RN104300	CFU8630ET	TN205120	CFU8630EK	TN205650			
	200	CFU1020EI	RN104310	CFU1020ET	TN205130	CFU1020EK	TN205660			
	250	CFU1025EI	RN104320	CFU1025ET	TN205140	CFU1025EK	TN205670			
	315	CFU1031EI	RN104330	CFU1031ET	TN205150	CFU1031EK	TN205680			
	350	CFU1035EI	RN104340	CFU1035ET	TN205160	CFU1035EK	TN205690			
	400	CFU1040EI	RN104350	CFU1040ET	TN205170	CFU1040EK	TN205700			
	450	CFU1045EI	RN104360	CFU1045ET	TN205180	CFU1045EK	TN205710			
	500	CFU1050EI	RN104370	CFU1050ET	TN205190	CFU1050EK	TN205720			
	550	CFU1055EI	RN104380	CFU1055ET	TN205200	CFU1055EK	TN205730			
	630	CFU1063EI	RN104390	CFU1063ET	TN205210	CFU1063EK	TN205740			
2	700	CFU1070EI	RN104400	CFU1070ET	TN205220	CFU1070EK	TN205750	3	1.8	【Fig.-2G1A】
	800	CFU1080EI	RN104410	CFU1080ET	TN205230	CFU1080EK	TN205760			
	900**	CFU1090EI	RN104420	CFU1090ET	TN205240	CFU1090EK	TN205770			
	400	CFU2040EI	RN104430	CFU2040ET	TN205250	CFU2040EK	TN205780			
	450	CFU2045EI	RN104440	CFU2045ET	TN205260	CFU2045EK	TN205790			
	500	CFU2050EI	RN104450	CFU2050ET	TN205270	CFU2050EK	TN205800			
	550	CFU2055EI	RN104460	CFU2055ET	TN205280	CFU2055EK	TN205810			
	630	CFU2063EI	RN104470	CFU2063ET	TN205290	CFU2063EK	TN205820			
	700	CFU2070EI	RN104480	CFU2070ET	TN205300	CFU2070EK	TN205830			
	800	CFU2080EI	RN104490	CFU2080ET	TN205310	CFU2080EK	TN205840			
	900	CFU2090EI	RN104500	CFU2090ET	TN205320	CFU2090EK	TN205850			
3	1000	CFU2100EI	RN104510	CFU2100ET	TN205330	CFU2100EK	TN205860	1	0.9	
	1100***	CFU2110EI	RN104520	CFU2110ET	TN205340	CFU2110EK	TN205870			
	1250***	CFU2125EI	RN104530	CFU2125ET	TN205350	CFU2125EK	TN205880			
	500	CFU3050EI	RN104540	CFU3050ET	TN205360	CFU3050EK	TN205890			
	550	CFU3055EI	RN104550	CFU3055ET	TN205370	CFU3055EK	TN205900			
	630	CFU3063EI	RN104560	CFU3063ET	TN205380	CFU3063EK	TN205910			
	700	CFU3070EI	RN104570	CFU3070ET	TN205390	CFU3070EK	TN205920			
	800	CFU3080EI	RN104580	CFU3080ET	TN205400	CFU3080EK	TN205930			
	900	CFU3090EI	RN104590	CFU3090ET	TN205410	CFU3090EK	TN205940			
	1000	CFU3100EI	RN104600	CFU3100ET	TN205420	CFU3100EK	TN205950			
	1100	CFU3110EI	RN104610	CFU3110ET	TN205430	CFU3110EK	TN205960			
	1250	CFU3125EI	RN104620	CFU3125ET	TN205440	CFU3125EK	TN205970			
	1400	CFU3140EI	RN104630	CFU3140ET	TN205450	CFU3140EK	TN205980			
	1500	CFU3150EI	RN104640	CFU3150ET	TN205460	CFU3150EK	TN205990			
	1600	CFU3160EI	RN104650	CFU3160ET	TN205470	CFU3160EK	TN206000			
	1800***	CFU3180EI	RN104660	CFU3180ET	TN205480	CFU3180EK	TN206010			
	2000**	CFU3200EI	RN104670	CFU3200ET	TN205490	CFU3200EK	TN206020			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

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【SELECTION TABLE】 690V DIN type43653 size1*/1/2/3 40-2000A

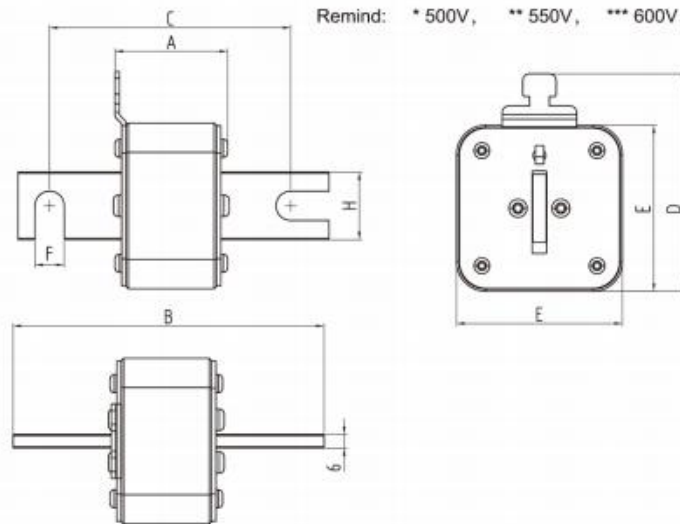
Size	Current	Type 110 Microswitch		Type 110T with Microswitch can be matched		Type 110K with Microswitch can be matched		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.	Model	Ordering No.	Model	Ordering No.			
1*	40	CFU8040HI	RN106030	CFU8040HT	TN206560	CFU8040HK	TN207090	3	0.9	
	50	CFU8050HI	RN106040	CFU8050HT	TN206570	CFU8050HK	TN207100			
	63	CFU8063HI	RN106050	CFU8063HT	TN206580	CFU8063HK	TN207110			
	80	CFU8080HI	RN106060	CFU8080HT	TN206590	CFU8080HK	TN207120			
	100	CFU8100HI	RN106070	CFU8100HT	TN206600	CFU8100HK	TN207130			
	125	CFU8125HI	RN106080	CFU8125HT	TN206610	CFU8125HK	TN207140			
	160	CFU8160HI	RN106090	CFU8160HT	TN206620	CFU8160HK	TN207150			
	200	CFU8200HI	RN106100	CFU8200HT	TN206630	CFU8200HK	TN207160			
	250	CFU8250HI	RN106110	CFU8250HT	TN206640	CFU8250HK	TN207170			
	315	CFU8315HI	RN106120	CFU8315HT	TN206650	CFU8315HK	TN207180			
	350	CFU8350HI	RN106130	CFU8350HT	TN206660	CFU8350HK	TN207190			
	400	CFU8400HI	RN106140	CFU8400HT	TN206670	CFU8400HK	TN207200			
	450	CFU8450HI	RN106150	CFU8450HT	TN206680	CFU8450HK	TN207210			
	500	CFU8500HI	RN106160	CFU8500HT	TN206690	CFU8500HK	TN207220			
	550	CFU8550HI	RN106170	CFU8550HT	TN206700	CFU8550HK	TN207230			
	630	CFU8630HI	RN106180	CFU8630HT	TN206710	CFU8630HK	TN207240			
1	200	CFU1020HI	RN106190	CFU1020HT	TN206720	CFU1020HK	TN207250	3	1.3	
	250	CFU1025HI	RN106200	CFU1025HT	TN206730	CFU1025HK	TN207260			
	315	CFU1031HI	RN106210	CFU1031HT	TN206740	CFU1031HK	TN207270			
	350	CFU1035HI	RN106220	CFU1035HT	TN206750	CFU1035HK	TN207280			
	400	CFU1040HI	RN106230	CFU1040HT	TN206760	CFU1040HK	TN207290			
	450	CFU1045HI	RN106240	CFU1045HT	TN206770	CFU1045HK	TN207300			
	500	CFU1050HI	RN106250	CFU1050HT	TN206780	CFU1050HK	TN207310			
	550	CFU1055HI	RN106260	CFU1055HT	TN206790	CFU1055HK	TN207320			
	630	CFU1063HI	RN106270	CFU1063HT	TN206800	CFU1063HK	TN207330			
	700	CFU1070HI	RN106280	CFU1070HT	TN206810	CFU1070HK	TN207340			
2	800	CFU1080HI	RN106290	CFU1080HT	TN206820	CFU1080HK	TN207350	3	1.8	【Fig.-3G1A】
	900	CFU1090HI	RN106300	CFU1090HT	TN206830	CFU1090HK	TN207360			
	400	CFU2040HI	RN106310	CFU2040HT	TN206840	CFU2040HK	TN207370			
	450	CFU2045HI	RN106320	CFU2045HT	TN206850	CFU2045HK	TN207380			
	500	CFU2050HI	RN106330	CFU2050HT	TN206860	CFU2050HK	TN207390			
	550	CFU2055HI	RN106340	CFU2055HT	TN206870	CFU2055HK	TN207400			
	630	CFU2063HI	RN106350	CFU2063HT	TN206880	CFU2063HK	TN207410			
	700	CFU2070HI	RN106360	CFU2070HT	TN206890	CFU2070HK	TN207420			
	800	CFU2080HI	RN106370	CFU2080HT	TN206900	CFU2080HK	TN207430			
	900	CFU2090HI	RN106380	CFU2090HT	TN206910	CFU2090HK	TN207440			
3	1000	CFU2100HI	RN106390	CFU2100HT	TN206920	CFU2100HK	TN207450	1	0.9	
	1100	CFU2110HI	RN106400	CFU2110HT	TN206930	CFU2110HK	TN207460			
	1250	CFU2125HI	RN106410	CFU2125HT	TN206940	CFU2125HK	TN207470			
	500	CFU3050HI	RN106420	CFU3050HT	TN206950	CFU3050HK	TN207480			
	550	CFU3055HI	RN106430	CFU3055HT	TN206960	CFU3055HK	TN207490			
	630	CFU3063HI	RN106440	CFU3063HT	TN206970	CFU3063HK	TN207500			
	700	CFU3070HI	RN106450	CFU3070HT	TN206980	CFU3070HK	TN207510			
	800	CFU3080HI	RN106460	CFU3080HT	TN206990	CFU3080HK	TN207520			
	900	CFU3090HI	RN106470	CFU3090HT	TN207000	CFU3090HK	TN207530			
	1000	CFU3100HI	RN106480	CFU3100HT	TN207010	CFU3100HK	TN207540			
	1100	CFU3110HI	RN106490	CFU3110HT	TN207020	CFU3110HK	TN207550			
	1250	CFU3125HI	RN106500	CFU3125HT	TN207030	CFU3125HK	TN207560			
	1400	CFU3140HI	RN106510	CFU3140HT	TN207040	CFU3140HK	TN207570			
	1500	CFU3150HI	RN106520	CFU3150HT	TN207050	CFU3150HK	TN207580			
	1600	CFU3160HI	RN106530	CFU3160HT	TN207060	CFU3160HK	TN207590			
	1800***	CFU3180HI	RN106540	CFU3180HT	TN207070	CFU3180HK	TN207600			
	2000**	CFU3200HI	RN106550	CFU3200HT	TN207080	CFU3200HK	TN207610			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

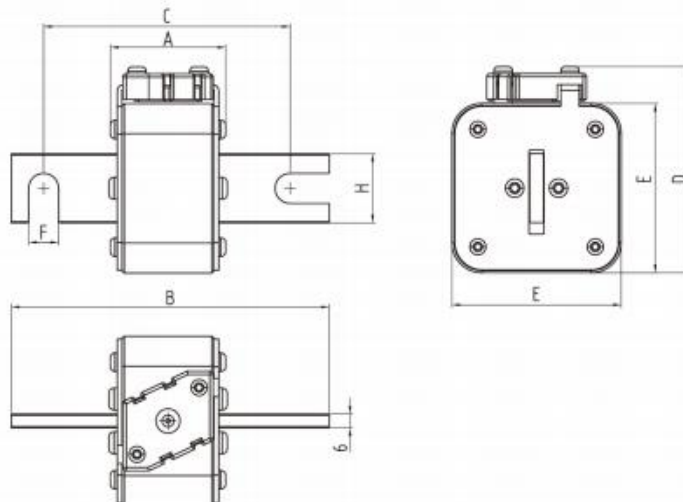
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【DIMENSIONS】 690V DIN type43653 size1*/1/2/3 type 80/80T/110/110T

Size	A	B	B*	C	C*	D	E	F	H
1*	50	104	134	78	108	58	45	11	22
1	50	108	138	78	108	66	53	11	25
2	50	108	138	78	108	75	61	11	25
3	50	108	138	78	108	90	76	13	30

**【Fig.-2G1A】** Unit: mm**【DIMENSIONS】 690V DIN type43653 size1*/1/2/3 type 80k/110k**

Size	A	B	B*	C	C*	D	E	F	H
1*	50	104	134	78	108	59	45	11	22
1	50	108	138	78	108	69	53	11	25
2	50	108	138	78	108	77	61	11	25
3	50	108	138	78	108	92	76	13	30

**【Fig.-3G1A】** Unit: mm

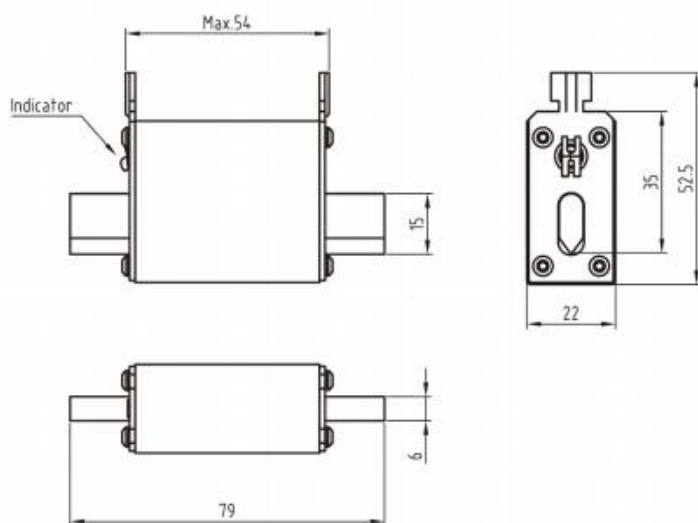
【SELECTION TABLE】 690V DIN type43620 size000/1*/1/2/3 10-1800A

Size	Current	TypeT Microswitch can be matched		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.			
000	10	CFM9010DT	TN207620	3	0.40	【Fig.-4G1A】
	16	CFM9016DT	TN207630			
	20	CFM9020DT	TN207640			
	25	CFM9025DT	TN207650			
	32	CFM9032DT	TN207660			
	40	CFM9040DT	TN207670			
	50	CFM9050DT	TN207680			
	63	CFM9063DT	TN207690			
	80	CFM9080DT	TN207700			
	100	CFM9100DT	TN207710			
	125	CFM9125DT	TN207720			
	160	CFM9160DT	TN207730			
	200	CFM9200DT	TN207740			
	250	CFM9250DT	TN207750			
1	315	CFM9315DT	TN207760	3	0.90	【Fig.-4G2A】
	40	CFM8040KT	TN307770			
	50	CFM8050KT	TN307780			
	63	CFM8063KT	TN307790			
	80	CFM8080KT	TN307800			
	100	CFM8100KT	TN307810			
	125	CFM8125KT	TN307820			
	160	CFM8160KT	TN307830			
	200	CFM8200KT	TN307840			
	250	CFM8250KT	TN307850			
	315	CFM8315KT	TN307860			
	350	CFM8350KT	TN307870			
	400	CFM8400KT	TN307880			
2	400	CFM2040LT	TN307890	3	1.80	【Fig.-4G2A】
	450	CFM2045LT	TN307900			
	500	CFM2050LT	TN307950			
	550	CFM2055LT	TN307960			
	630	CFM2063LT	TN307970			
	700	CFM2070LT	TN307980			
	800	CFM2080LT	TN307990			
	900	CFM2090LT	TN308000			
3	1000	CFM2100LT	TN308005	1	0.90	【Fig.-4G2A】
	500	CFM3050LT	TN308010			
	550	CFM3055LT	TN308020			
	630	CFM3063LT	TN308030			
	700	CFM3070LT	TN308040			
	800	CFM3080LT	TN308050			
	900	CFM3090LT	TN308060			
	1000	CFM3100LT	TN308070			
	1250A	CFM3125LT	TN308071			
	1400A	CFM3140LT	TN308072			
	1500A	CFM3150LT	TN308073			
	1600A	CFM3160LT	TN308074			
	1800A***	CFM3180LT	TN308075			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

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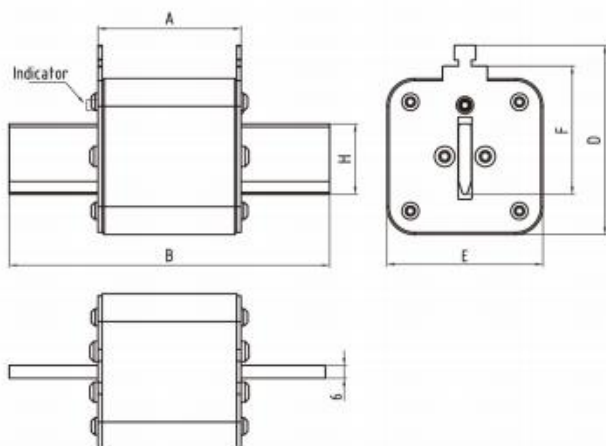
【DIMENSIONS】 690V DIN type43620 size000 typeT



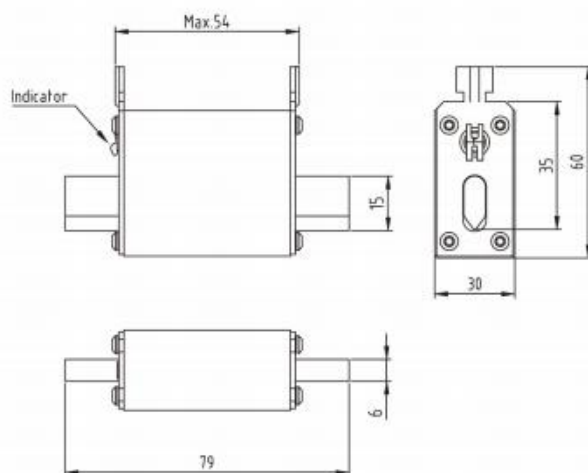
【Fig.-4G1A】 Unit: mm

【DIMENSIONS】 690V DIN type43620 size 00/1*/1/2/3 typeT

Size	A	B	D	E	F	H
1	69	135	58	45	40	20
2	69	150	71	61	48	25
3	69	150	88	75	60	32



【Fig.-4G2A】 Unit: mm



【Fig.-4G3A】 Unit: mm

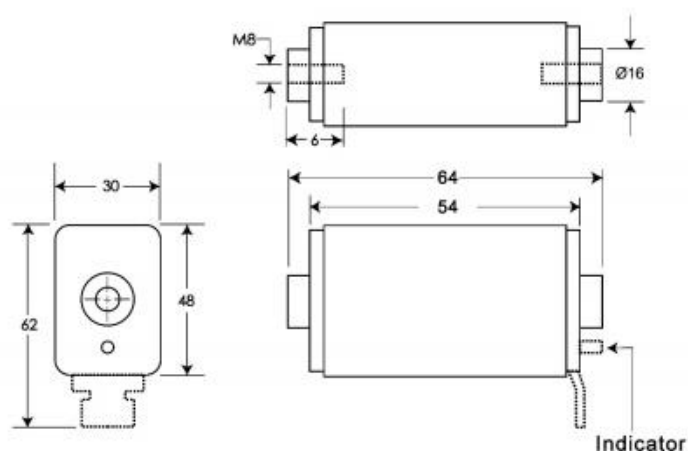
【SELECTION TABLE】 690V DIN type43620 size00 10-315A

Size	Current	TypeT Microswitch can be matched		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.			
00	10	CFM0010DT	TN207625	3	0.9	【Fig.-4G3A】
	16	CFM0016DT	TN207635			
	20	CFM0020DT	TN207645			
	25	CFM0025DT	TN207655			
	32	CFM0032DT	TN207665			
	40	CFM0040DT	TN207675			
	50	CFM0050DT	TN207685			
	63	CFM0063DT	TN207695			
	80	CFM0080DT	TN207705			
	100	CFM0100DT	TN207715			
	125	CFM0125DT	TN207725			
	160	CFM0160DT	TN207735			
	200	CFM0200DT	TN207745			
	250	CFM0250DT	TN207755			
	315	CFM0315DT	TN207765			

【SELECTION TABLE】 690V flush end size 00 25-400A

Size	Current	Type 60 with Indicator		Type 60T Microswitch can be matched		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.	Model	Ordering No.			
00	25	CFH0025PI	RN108080	CFH0025PT	RN108220	3	0.8	【Fig.-4G4A】
	32	CFH0032PI	RN108090	CFH0032PT	RN108230			
	40	CFH0040PI	RN108100	CFH0040PT	RN108240			
	50	CFH0050PI	RN108110	CFH0050PT	RN108250			
	63	CFH0063PI	RN108120	CFH0063PT	RN108260			
	80	CFH0080PI	RN108130	CFH0080PT	RN108270			
	100	CFH0100PI	RN108140	CFH0100PT	RN108280			
	125	CFH0125PI	RN108150	CFH0125PT	RN108290			
	160	CFH0160PI	RN108160	CFH0160PT	RN108300			
	200	CFH0200PI	RN108170	CFH0200PT	RN108310			
	250	CFH0250PI	RN108180	CFH0250PT	RN108320			
	315	CFH0315PI	RN108190	CFH0315PT	RN108330			
	350	CFH0350PI	RN108200	CFH0350PT	RN108340			
	400	CFH0400PI	RN108210	CFH0400PT	RN108350			

【DIMENSIONS】 690V flush end size 00 type 60/60T



【Fig.4G4A】 Unit: mm

【SELECTION TABLE】 690V flush end size 1*/1/2/3 40-2000A

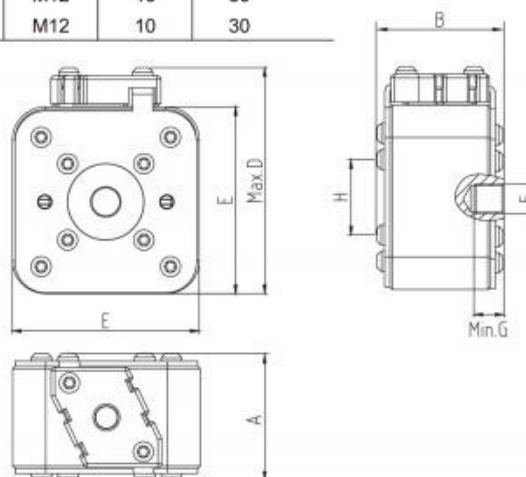
Size	Current	Type 51 with Indicator		Type 51K with Microswitch		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.	Model	Ordering No.			
1*	40	CFH8040AI	TN308360	CFH8040AK	TN308970	3	0.8	
	50	CFH8050AI	TN308370	CFH8050AK	TN308980			
	63	CFH8063AI	TN308380	CFH8063AK	TN308990			
	80	CFH8080AI	TN308390	CFH8080AK	TN309000			
	100	CFH8100AI	TN308400	CFH8100AK	TN309010			
	125	CFH8125AI	TN308410	CFH8125AK	TN309020			
	160	CFH8160AI	TN308420	CFH8160AK	TN309030			
	200	CFH8200AI	TN308430	CFH8200AK	TN309040			
	250	CFH8250AI	TN308440	CFH8250AK	TN309050			
	315	CFH8315AI	TN308450	CFH8315AK	TN309060			
	350	CFH8350AI	TN308460	CFH8350AK	TN309070			
	400	CFH8400AI	TN308470	CFH8400AK	TN309080			
	450	CFH8450AI	TN308480	CFH8450AK	TN309090			
	500	CFH8500AI	TN308490	CFH8500AK	TN309100			
	550	CFH8550AI	TN308500	CFH8550AK	TN309110			
	630	CFH8630AI	TN308510	CFH8630AK	TN309120			
1	200	CFH1020AI	TN308520	CFH1020AK	TN309130	3	1.2	【Fig.-5G1A】
	250	CFH1025AI	TN308530	CFH1025AK	TN309140			
	315	CFH1031AI	TN308540	CFH1031AK	TN309150			
	350	CFH1035AI	TN308550	CFH1035AK	TN309160			
	400	CFH1040AI	TN308560	CFH1040AK	TN309170			
	450	CFH1045AI	TN308570	CFH1045AK	TN309180			
	500	CFH1050AI	TN308580	CFH1050AK	TN309190			
	550	CFH1055AI	TN308590	CFH1055AK	TN309200			
	630	CFH1063AI	TN308600	CFH1063AK	TN309210			
	700	CFH1070AI	TN308610	CFH1070AK	TN309220			
	800	CFH1080AI	TN308620	CFH1080AK	TN309230			
	900**	CFH1090AI	TN308630	CFH1090AK	TN309240			
2	400	CFH2040AI	TN308640	CFH2040AK	TN309250	3	1.8	
	450	CFH2045AI	TN308650	CFH2045AK	TN309260			
	500	CFH2050AI	TN308660	CFH2050AK	TN309270			
	550	CFH2055AI	TN308670	CFH2055AK	TN309280			
	630	CFH2063AI	TN308680	CFH2063AK	TN309290			
	700	CFH2070AI	TN308690	CFH2070AK	TN309300			
	800	CFH2080AI	TN308700	CFH2080AK	TN309310			
	900	CFH2090AI	TN308710	CFH2090AK	TN309320			
	1000	CFH2100AI	TN308720	CFH2100AK	TN309330			
	1100***	CFH2110BI	TN308730	CFH2110BK	TN309340			
	1250***	CFH2125BI	TN308740	CFH2125BK	TN309350			
3	500	CFH3050AI	TN308750	CFH3050AK	TN309360	1	0.9	
	550	CFH3055AI	TN308760	CFH3055AK	TN309370			
	630	CFH3063AI	TN308770	CFH3063AK	TN309380			
	700	CFH3070AI	TN308780	CFH3070AK	TN309390			
	800	CFH3080AI	TN308790	CFH3080AK	TN309400			
	900	CFH3090AI	TN308800	CFH3090AK	TN309410			
	1000	CFH3100AI	TN308810	CFH3100AK	TN309420			
	1100	CFH3110AI	TN308820	CFH3110AK	TN309430			
	1250	CFH3125AI	TN308830	CFH3125AK	TN309440			
	1400	CFH3140AI	TN308840	CFH3140AK	TN309450			
	1500	CFH3150AI	TN308850	CFH3150AK	TN309460			
	1600	CFH3160BI	TN308860	CFH3160AK	TN309470			
	1800	CFH3180BI***	TN308870	CFH3180BK***	TN309480			
	2000	CFH3200BI**	TN308880	CFH3200BK	TN309495			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

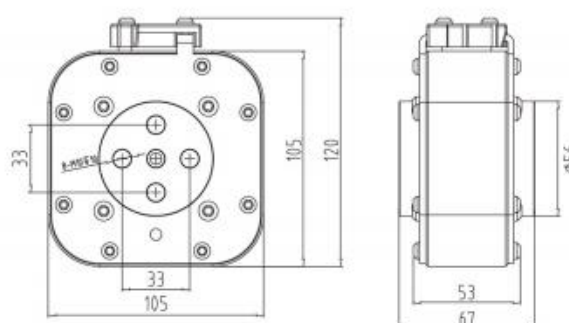
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【DIMENSIONS】 690V flush end size1*/1/2/3 type 51/51k

Size	A	B	D	E	F	G	H
1*	50	51	59	45	M8	5	17
1	50	51	69	53	M8	8	20
2(400-1000A)	50	51	77	61	M10	10	24
2(1100-1250A)	64	65	77	61	M10	10	24
3(500-1500A)	51	53	92	76	M12	10	30
3(1600-2000A)	64	65	92	76	M12	10	30


【SELECTION TABLE】 690V flush end size 4 1000-4000A

Size	Current	Type 67 with Indicator		Type 67K with Microswitch		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.	Model	Ordering No.			
4	1000	CFH4100BI	TN208890	CFH4100BK	TN209500	1	2.0	【Fig.-5G2A】
	1250	CFH4125BI	TN208900	CFH4125BK	TN209510			
	1400	CFH4140BI	TN208910	CFH4140BK	TN209520			
	1600	CFH4160BI	TN208920	CFH4160BK	TN209530			
	2000	CFH4200BI	TN208930	CFH4200BK	TN209540			
	2500	CFH4250BI	TN208935	CFH4250BK	TN209545			
	3000	CFH4300BI	TN208940	CFH4300BK	TN209550			
	3500	CFH4350BI	TN208950	CFH4350BK	TN209560			
	4000	CFH4400BI	TN208960	CFH4400BK	TN209570			

【DIMENSIONS】 690V flush end size 4 type 67/67K


【图-5G2A】 Unit: mm

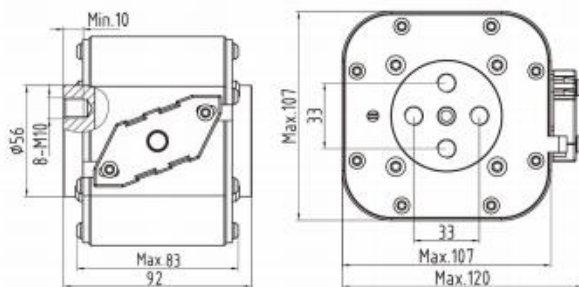
【SELECTION TABLE】 800V DIN43653 size 4 1400-3000A

Size	Current	Type 75K with microswitch		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.			
4	1400	CGH4140GK	TN232260	1	2	【Fig.-5G3A】
	1800	CGH4180GK	TN232270			
	2000	CGH4200GK	TN232280			
	2500	CGH4250GK	TN232290			
	3000	CGH4300GK	TN232300			

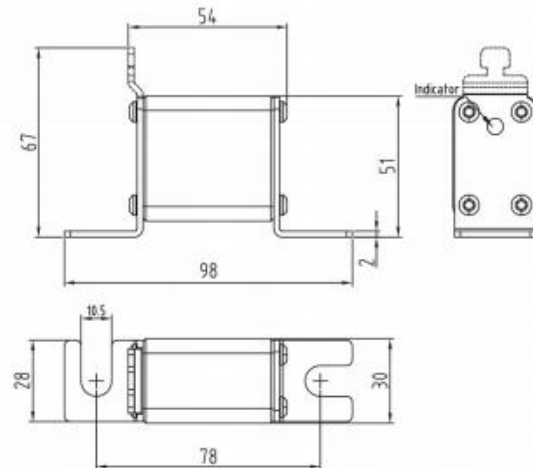
【SELECTION TABLE】 1000V DIN43653 size 00 20-315A

Size	Current	Type 80 with Indicator		Type 80T Microswitch can be matched		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.	Model	Ordering No.			
00	20	CRL0020EI	TN312760	CRL0020ET	TN312900	3	0.8	【Fig.-5G4A】
	25	CRL0025EI	TN312770	CRL0025ET	TN312910			
	32	CRL0032EI	TN312780	CRL0032ET	TN312920			
	35	CRL0035EI	TN312790	CRL0035ET	TN312930			
	40	CRL0040EI	TN312800	CRL0040ET	TN312940			
	50	CRL0050EI	TN312810	CRL0050ET	TN312950			
	63	CRL0063EI	TN312820	CRL0063ET	TN312960			
	80	CRL0080EI	TN312830	CRL0080ET	TN312970			
	100	CRL0100EI	TN312840	CRL0100ET	TN312980			
	125	CRL0125EI	TN312850	CRL0125ET	TN312990			
	160	CRL0160EI	TN312860	CRL0160ET	TN313000			
	200	CRL0200EI	TN312870	CRL0200ET	TN313010			
	250	CRL0250EI	TN312880	CRL0250ET	TN313020			
	315##	CRL0315EI	TN312890	CRL0315ET	TN313030			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

【DIMENSIONS】 1000V DIN43653 size 00 type 80/80k

【Fig.-5G3A】 Unit: mm



【Fig.-5G4A】 Unit: mm



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【SELECTION TABLE】 1000V DIN43653 size 1*/1/2/3 50-1400A

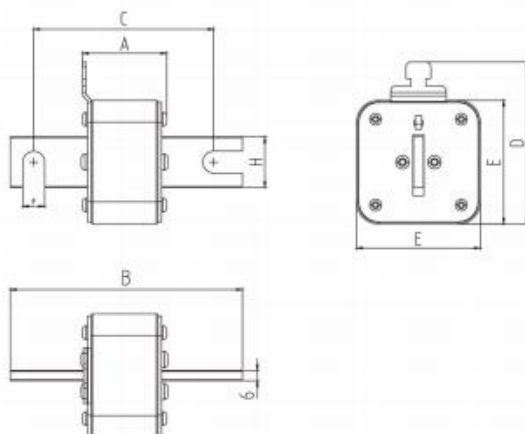
Size	Current	Type 110T Microswitch can be matched		Type 110K with Microswitch		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.	Model	Ordering No.			
1*	50	CRU8050HT	TN213040	CRU8050HK	TN213490	3	1.35	【Fig.-6G1A】 【Fig.-6G2A】
	63	CRU8063HT	TN213050	CRU8063HK	TN213500			
	80	CRU8080HT	TN213060	CRU8080HK	TN213510			
	100	CRU8100HT	TN213070	CRU8100HK	TN213520			
	125	CRU8125HT	TN213080	CRU8125HK	TN213530			
	160	CRU8160HT	TN213090	CRU8160HK	TN213540			
	200	CRU8200HT	TN213100	CRU8200HK	TN213550			
	250	CRU8250HT	TN213110	CRU8250HK	TN213560			
	315	CRU8315HT	TN213120	CRU8315HK	TN213570			
	350	CRU8350HT	TN213130	CRU8350HK	TN213580			
	400	CRU8400HT	TN213140	CRU8400HK	TN213590			
1	160	CRU1016HT	TN213150	CRU1016HK	TN213600	3	2.1	
	200	CRU1020HT	TN213160	CRU1020HK	TN213610			
	250	CRU1025HT	TN213170	CRU1025HK	TN213620			
	315	CRU1031HT	TN213180	CRU1031HK	TN213630			
	350	CRU1035HT	TN213190	CRU1035HK	TN213640			
	400	CRU1040HT	TN213200	CRU1040HK	TN213650			
	450	CRU1045HT	TN213210	CRU1045HK	TN213660			
	500	CRU1050HT	TN213220	CRU1050HK	TN213670			
	550	CRU1055HT	TN213230	CRU1055HK	TN213680			
	630	CRU1063HT	TN213240	CRU1063HK	TN213690			
2	250	CRU2025HT	TN213250	CRU2025HK	TN213700	3	2.7	
	315	CRU2031HT	TN213260	CRU2031HK	TN213710			
	350	CRU2035HT	TN213270	CRU2035HK	TN213720			
	400	CRU2040HT	TN213280	CRU2040HK	TN213730			
	450	CRU2045HT	TN213290	CRU2045HK	TN213740			
	500	CRU2050HT	TN213300	CRU2050HK	TN213750			
	550	CRU2055HT	TN213310	CRU2055HK	TN213760			
	630	CRU2063HT	TN213320	CRU2063HK	TN213770			
	700	CRU2070HT	TN213330	CRU2070HK	TN213780			
3	800	CRU2080HT	TN213340	CRU2080HK	TN213790	1	1.5	
	315	CRU3031HT	TN213350	CRU3031HK	TN213800			
	350	CRU3035HT	TN213360	CRU3035HK	TN213810			
	400	CRU3040HT	TN213370	CRU3040HK	TN213820			
	450	CRU3045HT	TN213380	CRU3045HK	TN213830			
	500	CRU3050HT	TN213390	CRU3050HK	TN213840			
	550	CRU3055HT	TN213400	CRU3055HK	TN213850			
	630	CRU3063HT	TN213410	CRU3063HK	TN213860			
	700	CRU3070HT	TN213420	CRU3070HK	TN213870			
	800	CRU3080HT	TN213430	CRU3080HK	TN213880			
	900	CRU3090HT	TN213440	CRU3090HK	TN213890			
	1000	CRU3100HT	TN213450	CRU3100HK	TN213900			
	1100	CRU3110HT	TN213460	CRU3110HK	TN213910			
	1250	CRU3125HT	TN213470	CRU3125HK	TN213920			
	1400##	CRU3140HT	TN213480	CRU3140HK	TN213930			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

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【DIMENSIONS TABLE】 1000V DIN43653 size1*/1/2/3 type110T

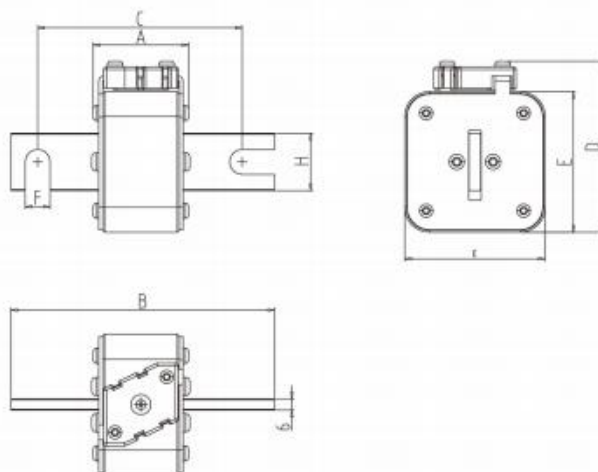
Size	A	B	C	D	E	F	G	H
1*	80	138	108	61	43	11	6	22
1	80	138	108	69	51	11	6	25
2	80	138	108	75	59	11	6	25
3	80	138	108	90	74	13	6	30



【Fig-6G1A】 Unit: mm

【DIMENSIONS TABLE】 1000V DIN43653 size1*/1/2/3 type110K

Size	A	B	C	D	E	F	G	H
1*	80	138	108	61	43	11	6	22
1	80	138	108	69	51	11	6	25
2	80	138	108	75	59	11	6	25
3	80	138	108	92	74	13	6	30



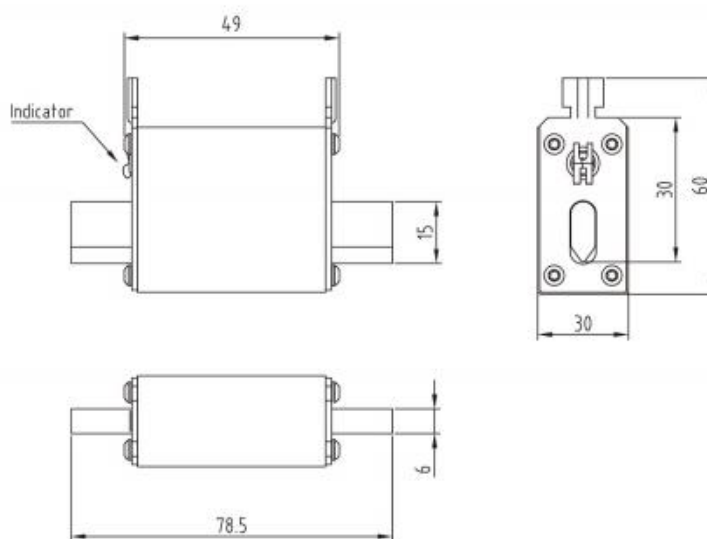
【Fig-6G2A】 Unit: mm



【SELECTION TABLE】 1000V DIN43620 size00 20-250A

Size	Current	Type 78T with Microswitch can be matched		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.			
00	20	CRM0020DT	TN313940	3	0.7	【Fig.-6G3A】
	25	CRM0025DT	TN313950			
	32	CRM0032DT	TN313960			
	35	CRM0035DT	TN313970			
	40	CRM0040DT	TN313980			
	50	CRM0050DT	TN313990			
	63	CRM0063DT	TN314000			
	80	CRM0080DT	TN314010			
	100	CRM0100DT	TN314020			
	125	CRM0125DT	TN314030			
	160	CRM0160DT	TN314040			
	200##	CRM0200DT	TN314050			
	250##	CRM0225DT	TN314060			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

【DIMENSIONS】 1000V DIN43620 size00 type78T**【Fig-6G3A】 Unit: mm**ADD: NO.153,Youyi North Rd,
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【SELECTION TABLE】 1000V flush end size 1*/1/2/3 50-1400A

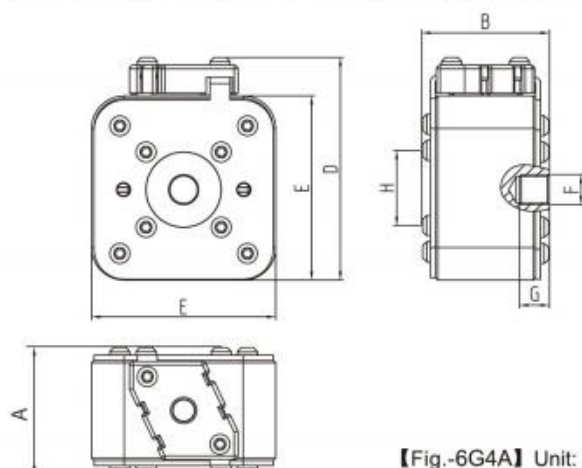
Size	Current	Type 75K with Microswitch		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.			
1*	50	CRH8050CK	TN314070	3	1.2	【Fig.-6G4A】
	63	CRH8063CK	TN314080			
	80	CRH8080CK	TN314090			
	100	CRH8100CK	TN314100			
	125	CRH8125CK	TN314110			
	160	CRH8160CK	TN314120			
	200	CRH8200CK	TN314130			
	250	CRH8250CK	TN314140			
	315	CRH8315CK	TN314150			
	350	CRH8350CK	TN314160			
	400	CRH8400CK	TN314170			
1	160	CRH1016CK	TN314180	3	1.8	
	200	CRH1020CK	TN314190			
	250	CRH1025CK	TN314200			
	315	CRH1031CK	TN314210			
	350	CRH1035CK	TN314220			
	400	CRH1040CK	TN314230			
	450	CRH1045CK	TN314240			
	500	CRH1050CK	TN314250			
	550	CRH1055CK	TN314260			
	630	CRH1063CK	TN314270			
2	250	CRH2025CK	TN314280	3	2.5	
	315	CRH2031CK	TN314290			
	350	CRH2035CK	TN314300			
	400	CRH2040CK	TN314310			
	450	CRH2045CK	TN314320			
	500	CRH2050CK	TN314330			
	550	CRH2055CK	TN314340			
	630	CRH2063CK	TN314350			
	700	CRH2070CK	TN314360			
	800	CRH2080CK	TN314370			
3	315	CRH3031CK	TN314380	1	1.25	
	350	CRH3035CK	TN314390			
	400	CRH3040CK	TN314400			
	450	CRH3045CK	TN314410			
	500	CRH3050CK	TN314420			
	550	CRH3055CK	TN314430			
	630	CRH3063CK	TN314440			
	700	CRH3070CK	TN314450			
	800	CRH3080CK	TN314460			
	900	CRH3090CK	TN314470			
	1000	CRH3100CK	TN314480			
	1100	CRH3110CK	TN314490			
	1250	CRH3125GK	TN314500			
	1400##	CRH3140GK	TN314510			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

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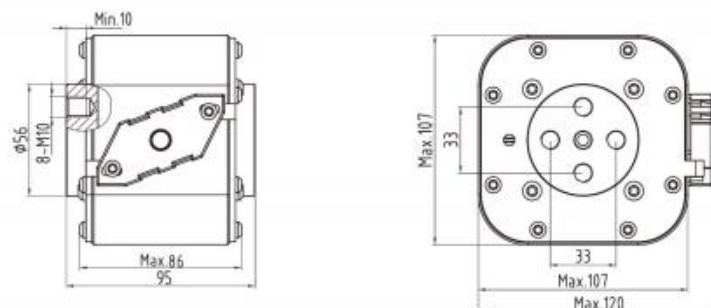
【DIMENSIONS】 1000V flush end size 1*/1/2/3 type 75K

Size	A	B	D	E	F	G	H
1*	72.5	74	61	43	M8	5	Φ17
1	73.5	74	69	52	M8	8	Φ20
2	73.2	74.4	77	59	M10	10	Φ24
3(315-1100A)	73.3	75.4	92	74	M12	10	Φ30
3(1250-1400A)	90.2	91	92	74	M12	10	Φ30


【Fig.-6G4A】 Unit: mm

【DIMENSIONS】 1000V flush end size 4 1000-3000A

Size	Current	Type 75K with microswitch		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.			
4	1000	CRH4100VK	TN232310	1	2	【Fig.-6G5A】
	1100	CRH4110VK	TN232320			
	1250	CRH4125VK	TN232330			
	1400	CRH4140VK	TN232340			
	1500	CRH4150VK	TN232350			
	1700	CRH4170VK	TN232360			
	1800	CRH4180VK	TN232370			
	2000	CRH4200VK	TN232380			
	2200	CRH4220VK	TN232390			
	2500	CRH4250VK	TN232400			
	2700	CRH4270VK	TN232410			
	3000	CRH4300VK	TN232420			

【DIMENSIONS】 1000V flush end size 4 1000-3000A

【Fig.-6G5A】 Unit: mm

【SELECTION TABLE】 1250V DIN43653 size1*/1/2/3 50-1400A

Size	Current	Type 110 with Indicator		Type 110T with Microswitch		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.	Model	Ordering No.			
1*	50	CBU8050HI	RN114970	CBU8050HT	TN215450	3	1.2	
	63	CBU8063HI	RN114980	CBU8063HT	TN215460			
	80	CBU8080HI	RN114990	CBU8080HT	TN215470			
	100	CBU8100HI	RN115000	CBU8100HT	TN215480			
	125	CBU8125HI	RN115010	CBU8125HT	TN215490			
	160	CBU8160HI	RN115020	CBU8160HT	TN215500			
	200	CBU8200HI	RN115030	CBU8200HT	TN215510			
	250	CBU8250HI	RN115040	CBU8250HT	TN215520			
	315	CBU8315HI	RN115050	CBU8315HT	TN215530			
	350	CBU8350HI	RN115060	CBU8350HT	TN215540			
	400	CBU8400HI	RN115070	CBU8400HT	TN215550			
1	160	CBU1016HI	RN115080	CBU1016HT	TN215560	3	1.8	
	200	CBU1020HI	RN115090	CBU1020HT	TN215570			
	250	CBU1025HI	RN115100	CBU1025HT	TN215580			
	315	CBU1031HI	RN115110	CBU1031HT	TN215590			
	350	CBU1035HI	RN115120	CBU1035HT	TN215600			
	400	CBU1040HI	RN115130	CBU1040HT	TN215610			
	450	CBU1045HI	RN115140	CBU1045HT	TN215620			
	500	CBU1050HI	RN115150	CBU1050HT	TN215630			
	550	CBU1055HI	RN115160	CBU1055HT	TN215640			
	630 &	CBU1063HI	RN115170	CBU1063HT	TN215650			
2	250	CBU2025HI	RN115180	CBU2025HT	TN215660	3	2.4	【Fig.-7G1A】
	280	CBU2028HI	RN115190	CBU2028HT	TN215670			
	315	CBU2031HI	RN115200	CBU2031HT	TN215680			
	350	CBU2035HI	RN115210	CBU2035HT	TN215690			
	400	CBU2040HI	RN115220	CBU2040HT	TN215700			
	450	CBU2045HI	RN115230	CBU2045HT	TN215710			
	500	CBU2050HI	RN115240	CBU2050HT	TN215720			
	550	CBU2055HI	RN115250	CBU2055HT	TN215730			
	630	CBU2063HI	RN115260	CBU2063HT	TN215740			
	700	CBU2070HI	RN115270	CBU2070HT	TN215750			
	800	CBU2080HI	RN115280	CBU2080HT	TN215760			
	900 &	CBU2090HI	RN115290	CBU2090HT	TN215770			
	1000 &	CBU2100HI	RN115300	CBU2100HT	TN215780			
3	315	CBU3031HI	RN115310	CBU3031HT	TN215790	1	1.25	
	350	CBU3035HI	RN115320	CBU3035HT	TN215800			
	400	CBU3040HI	RN115330	CBU3040HT	TN215810			
	450	CBU3045HI	RN115340	CBU3045HT	TN215820			
	500	CBU3050HI	RN115350	CBU3050HT	TN215830			
	550	CBU3055HI	RN115360	CBU3055HT	TN215840			
	630	CBU3063HI	RN115370	CBU3063HT	TN215850			
	700	CBU3070HI	RN115380	CBU3070HT	TN215860			
	800	CBU3080HI	RN115390	CBU3080HT	TN215870			
	900	CBU3090HI	RN115400	CBU3090HT	TN215880			
	1000	CBU3100HI	RN115410	CBU3100HT	TN215890			
	1100	CBU3110HI	RN115420	CBU3110HT	TN215900			
	1250 &	CBU3125HI	RN115430	CBU3125HT	TN215910			
	1400 &	CBU3140HI	RN115440	CBU3140HT	TN215920			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

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【SELECTION TABLE】 1250V flush end size1*/1/2/3 50-1400A

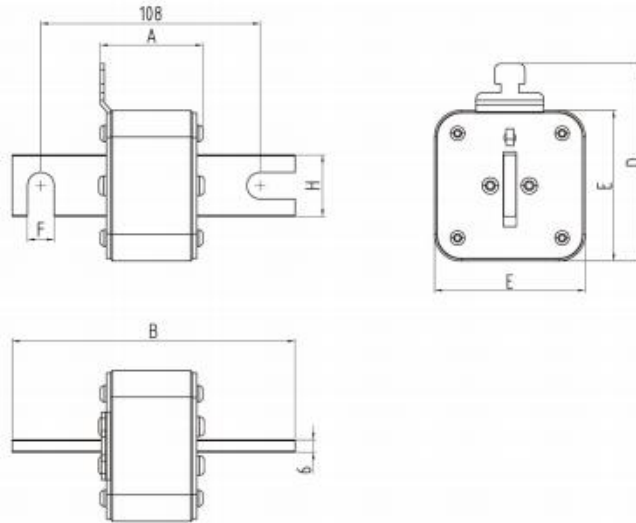
Size	Current	Type 110K with Microswitch		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.			
1*	50	CBU8050HK	TN215930	3	0.9	
	63	CBU8063HK	TN215940			
	80	CBU8080HK	TN215950			
	100	CBU8100HK	TN215960			
	125	CBU8125HK	TN215970			
	160	CBU8160HK	TN215980			
	200	CBU8200HK	TN215990			
	250	CBU8250HK	TN216000			
	315	CBU8315HK	TN216010			
	350	CBU8350HK	TN216020			
	400	CBU8400HK	TN216030			
1	160	CBU1016HK	TN216040	3	1.3	
	200	CBU1020HK	TN216050			
	250	CBU1025HK	TN216060			
	315	CBU1031HK	TN216070			
	350	CBU1035HK	TN216080			
	400	CBU1040HK	TN216090			
	450	CBU1045HK	TN216100			
	500	CBU1050HK	TN216110			
	550	CBU1055HK	TN216120			
	630 &	CBU1063HK	TN216130			
2	250	CBU2025HK	TN216140	3	1.8	【Fig.-7G2A】
	280	CBU2028HK	TN216150			
	315	CBU2031HK	TN216160			
	350	CBU2035HK	TN216170			
	400	CBU2040HK	TN216180			
	450	CBU2045HK	TN216190			
	500	CBU2050HK	TN216200			
	550	CBU2055HK	TN216210			
	630	CBU2063HK	TN216220			
	700	CBU2070HK	TN216230			
	800	CBU2080HK	TN216240			
	900 & 1000 &	CBU2090HK CBU2100HK	TN216250 TN216260			
3	315	CBU3031HK	TN216270	1	0.9	
	350	CBU3035HK	TN216280			
	400	CBU3040HK	TN216290			
	450	CBU3045HK	TN216300			
	500	CBU3050HK	TN216310			
	550	CBU3055HK	TN216320			
	630	CBU3063HK	TN216330			
	700	CBU3070HK	TN216340			
	800	CBU3080HK	TN216350			
	900	CBU3090HK	TN216360			
	1000	CBU3100HK	TN216370			
	1100	CBU3110HK	TN216380			
	1250 & 1400 &	CBU3125HK CBU3140HK	TN216390 TN216400			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

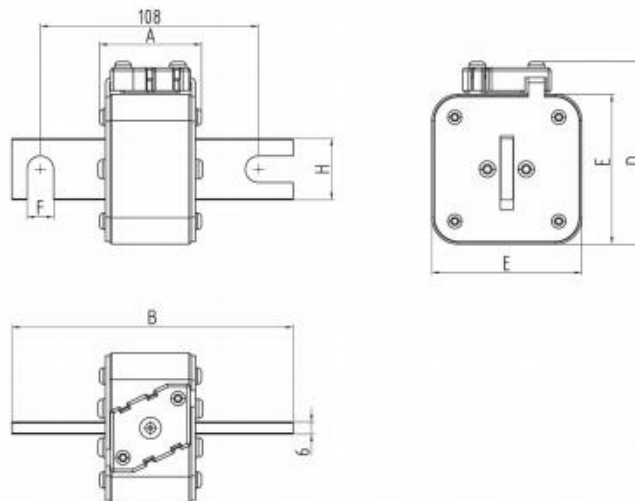
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【DIMENSIONS】 1250V DIN43653 size1*/1/2/3 type 110/110T

Size	A	B	D	E	H	F
1*	80	138	58	45	20	11
1*	80	138	66	53	25	11
2	80	138	75	61	25	11
3	80	138	90	76	30	13

**【Fig.-7G1A】** Unit: mm**【DIMENSIONS】 1250V DIN43653 size1*/1/2/3 type 110K**

Size	A	B	D	E	H	F
1*	80	138	59	45	20	11
1*	80	138	69	53	25	11
2	80	138	77	61	25	11
3	80	138	92	76	30	13

**【Fig.-7G2A】** Unit: mm

【SELECTION TABLE】 1250V flush end size1*/1/2/3 50-1400A

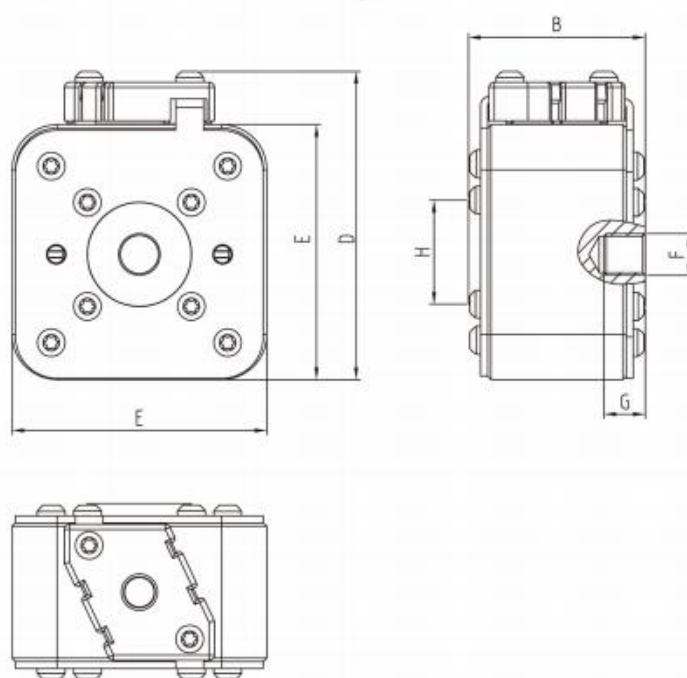
Size	Current	Type 75K with Microswitch		Type 80K with Microswitch		Type 90K with Microswitch		Min Packing Qty	Packing Weight	Fig.No.
		Model	Ordering No.	Model	Ordering No.	Model	Ordering No.			
1*	50	CBH8050CK	TN316410	CBH8050EK	TN316890	-	-	3	0.9	
	63	CBH8063CK	TN316420	CBH8063EK	TN316900	-	-			
	80	CBH8080CK	TN316430	CBH8080EK	TN316910	-	-			
	100	CBH8100CK	TN316440	CBH8100EK	TN316920	-	-			
	125	CBH8125CK	TN316450	CBH8125EK	TN316930	-	-			
	160	CBH8160CK	TN316460	CBH8160EK	TN316940	-	-			
	200	CBH8200CK	TN316470	CBH8200EK	TN316950	-	-			
	250	CBH8250CK	TN316480	CBH8250EK	TN316960	-	-			
	315	CBH8315CK	TN316490	CBH8315EK	TN316970	-	-			
	350	CBH8350CK	TN316500	CBH8350EK	TN316980	-	-			
1	400	-	-	CBH8400EK	TN316990	-	-	3	1.3	
	160	CBH1016CK	TN316520	CBH1016EK	TN317000	-	-			
	200	CBH1020CK	TN316530	CBH1020EK	TN317010	-	-			
	250	CBH1025CK	TN316540	CBH1025EK	TN317020	-	-			
	315	CBH1031CK	TN316550	CBH1031EK	TN317030	-	-			
	350	CBH1035CK	TN316560	CBH1035EK	TN317040	-	-			
	400	CBH1040CK	TN316570	CBH1040EK	TN317050	-	-			
	450	CBH1045CK	TN316580	CBH1045EK	TN317060	-	-			
	500	CBH1050CK &	TN316590	CBH1050EK	TN317070	-	-			
	550	CBH1055CK###	TN316600	CBH1055EK	TN317080	-	-			
2	630	CBH1063CK###	TN316610	CBH1063EK &	TN317090	-	-	3	1.8	【Fig. -7G3A】
	250	CBH2025CK	TN316620	CBH2025EK	TN317100	-	-			
	280	CBH2028CK	TN316630	CBH2028EK	TN317110	-	-			
	315	CBH2031CK	TN316640	CBH2031EK	TN317120	-	-			
	350	CBH2035CK	TN316650	CBH2035EK	TN317130	-	-			
	400	CBH2040CK	TN316660	CBH2040EK	TN317140	-	-			
	450	CBH2045CK	TN316670	CBH2045EK	TN317150	-	-			
	500	CBH2050CK	TN316680	CBH2050EK	TN317160	CBH2050GK	TN317640			
	550	CBH2055CK	TN316690	CBH2055EK	TN317170	CBH2055GK	TN317650			
	630	CBH2063CK &	TN316700	CBH2063EK	TN317180	CBH2063GK	TN317660			
	700	CBH2070CK###	TN316710	CBH2070EK &	TN317190	CBH2070GK	TN317670			
	800	CBH2080CK###	TN316720	CBH2080EK###	TN317200	CBH2080GK	TN317680			
3	900	-	-	-	-	CBH2090GK &	TN317690	1	0.9	
	1000	-	-	-	-	CBH2100GK &	TN317700			
	315	CBH3031CK	TN316750	CBH3031EK	TN317230	-	-			
	350	CBH3035CK	TN316760	CBH3035EK	TN317240	-	-			
	400	CBH3040CK	TN316770	CBH3040EK	TN317250	-	-			
	450	CBH3045CK	TN316780	CBH3045EK	TN317260	-	-			
	500	CBH3050CK	TN316790	CBH3050EK	TN317270	-	-			
	550	CBH3055CK	TN316800	CBH3055EK	TN317280	-	-			
	630	CBH3063CK	TN316810	CBH3063EK	TN317290	CBH3063GK	TN317770			
	700	CBH3070CK	TN316820	CBH3070EK	TN317300	CBH3070GK	TN317780			
	800	CBH3080CK &	TN316830	CBH3080EK	TN317310	CBH3080GK	TN317790			
	900	CBH3090CK###	TN316840	CBH3090EK &	TN317320	CBH3090GK	TN317800			
	1000	CBH3100CK###	TN316850	CBH3100EK &	TN317330	CBH3100GK	TN317810			
	1100	CBH3110CK###	TN316860	CBH3110EK###	TN317340	CBH3110GK	TN317820			
	1250	-	-	-	-	CBH3125GK &	TN317830			
	1400	-	-	-	-	CBH3140GK &	TN317840			

Remind: * 500V, ** 550V, *** 600V, # 800V, ## 900V, ### 1000V, & 1100V,

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【DIMENSIONS】 1250V flush end size1*/1/2/3 type 75K/80K/90K

Size	Type	A	B	D	E	F	G	H
1*	75K	74	75	59	45	M8	5	Φ17
1*	75K	80	81	59	45	M8	5	Φ17
1	75K	74	75	69	53	M8	8	Φ20
1	80K	80	81	69	53	M8	8	Φ20
2	75K	74	75	77	61	M10	10	Φ24
2	80K	80	81	77	61	M10	10	Φ24
2	90K	80	91	77	61	M10	10	Φ24
3	75K	74	76	92	76	M12	10	Φ30
3	80K	81	83	92	76	M12	10	Φ30
3	90K	81	91	92	76	M12	10	Φ30

【DIMENSIONS】 1250V DIN43653 size1*/1/2/3 type 110K

【Fig.-7G3A】 Unit:mm

I Auxiliary Contact**【SELECTION TABLE】 250V T-K 2A**

Voltage	Current	Model	Ordering No.	Matched size	Type	Min Packing Qty	Packing Weight
250	2	IT35	RN110080	00,1*,1,2	T	3	0.7
250	2	IT36	RN110090	3,000,	T		
250	2	IK69	RN110100	1*/1,2,3,4	K		



SQUARE BODY FUSE BASE



[CHARACTERISTICS]

- Up to three patented designs
- There are two ways to install bolt and guide rail at the same time. No.00 can be assembled into multi-stage without any accessories
- Vibration resistance: meet QC / t413-2002 standard
- Base plate material: imported engineering plastics, flame retardant up to v0
- Mounting screw: 304 stainless steel
- Simple installation and space saving
- Side partition can be added, which is original in China
- The partition material is certified by American safety experiment, flame retardant V0, minimum bending radius 19mm, thermal deformation 250 °C

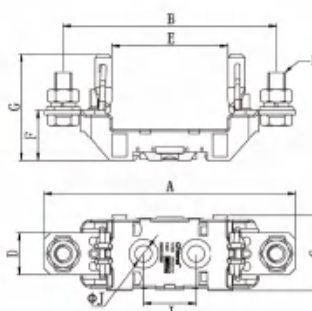
[SN001S]

- Way of mounting
S[Bolt mounting]
D[Rail mounting]
- poles:1[1pole]
3[3pole]
- Size:00
1
2
3
4

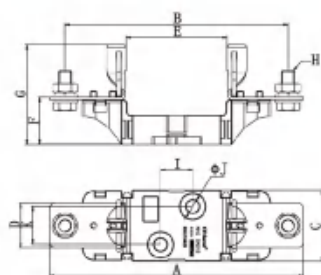
[SELECTION TABLE] NH fuse & DIN43620 BLADE FUSE BASE

Size	Current	Poles	Bolt installation		Connector		Partition		Fig.No.
			Model	Ordering No.	Model	Ordering No.	Model	Ordering No.	
000/00	160	1	SN001S	RN219360	SNL-0	RN219361	SNP-0	RN219362	【Fig.-8G1A】
	160	3	SN003S	RN219380					
1	250	1	SN11S	RN219390	SNL-1	RN219391	SNP-1	RN219392	【Fig.-8G2A】
2	400	1	SN21S	RN219420					
3	630	1	SN31S	RN219450	SNL-3	RN219451	SNP-3	RN219452	【Fig.-8G3A】
4	1250	1	SN41S	RN219480					

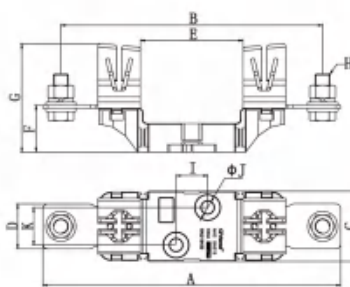
- Rated Voltage:AC 690V/1000V/1250V
- Rated Current:160-1250A
- Applied Size:000/00/1/2/3/4
- Way of Mounting:Bolt. Rail
- Applied Series:NH Series,Square body blade type high speed series
- Standards that conformed:IEC60269-1-2
VDE0636-1-2 DIN43620



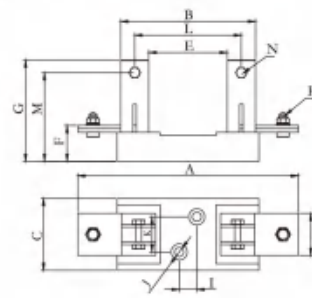
【Fig.-8G1A】



【Fig.-8G2A】



【Fig.-8G3A】



【Fig.-8G4A】

[DIMENSIONS]

Size	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Fig.No.
SN001S	120±1	101.6±1.5	35.5±0.5	20	56±2	24	51±1	M8x20	25	8					【Fig.-8G1A】
SN11S	199±1	175±1.5	56±1.5	35	79±1.5	37	78.93±1	M10x25	25	10	30				【Fig.-8G3A】
SN21S	224±1	199±1.5	56±1.5	35	79±1.5	37.5	87.5±1	M10x25	25	10	30				
SN31S	239±1	209±1.5	56±1.5	36	82±1.5	37.5	88±1	M12x30	25	10	30				
SN41S	295±1	255±2	90±1	52	105±1.5	47	121.7	M16x40	30	14	40	150±1.5	92	M12X40	【Fig.-8G4A】

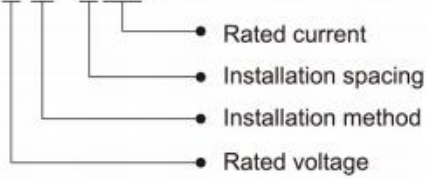

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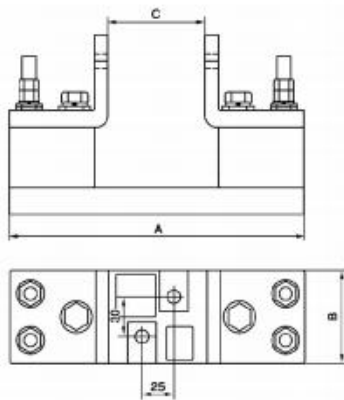
DIN43653/FRENCH STYLE/US STYLE FUSE BASE

[SFH-C06]



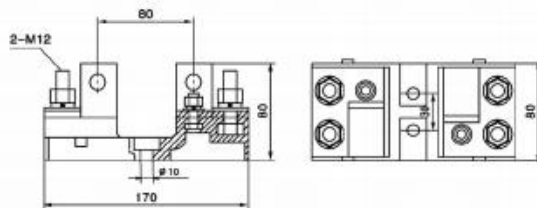
- Rated Voltage: AC 690V/1000V/1300V
- Rated Current: 400A-2000A
- Applied Size: 000/00/1/2/3/4
- Installation method: bolt installation
- Application Series: cube fast melting series
- Compliance with standards: IEC60269-1-2
VDE0636-1-2

Installation Application	Installation spacing	Application voltage	Rated current	Model	Ordering No.	Fig.No.
flush end	51	690V	630A	SFH-A06	RN119900	【Fig.-9G1A】
	51	690V	2000A	SFH-A20	RN119910	
	75	690V	630A	SFH-C06	RN119920	
	75	1000V	2000A	SRH-C20	RN119930	
	80	1000V	630A	SRH-E06	RN119940	
	80	1000V	2000A	SRH-E20	RN119950	
	90	1300V	630A	SBH-G06	RN119960	
	90	1300V	2000A	SBH-G20	RN119970	
DIN43653 French style, US style	80	690V	2000A	BFU-E20	RN119980	【Fig.-9G2A】
	110	1300V	1400A	SBU-H14	RN119990	【Fig.-9G3A】
stud style	80	1000V	400A	SRL-E04	RN120000	【Fig.-9G4A】
DIN43653 French style, US style	customized	1000V	630A	SRU-X06	RN120010	【Fig.-9G5A】
	customized	1000V	1400A	SRU-X14	RN120020	

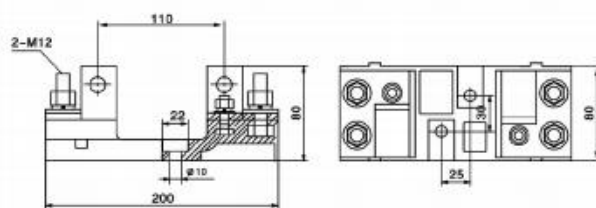


【Fig.-9G1A】

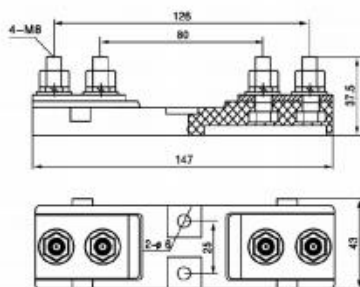
Model	Size	
	A	K
SFH-A06	50	51
SFH-A20	75	51
SFH-C06	50	75
SRH-C20	75	75
SRH-E06	50	80
SRH-E20	75	80
SBH-G06	50	90
SBH-G20	75	90



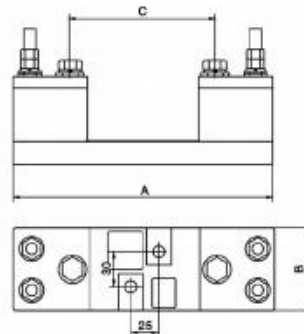
【Fig.-9G2A】



【Fig.-9G3A】



【Fig.-9G4A】



【Fig.-9G5A】



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