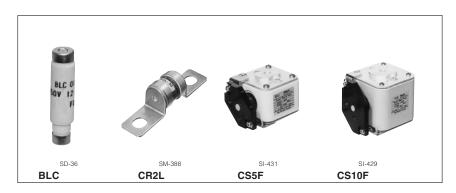
BLC, CR and CS types Super Rapid Fuses 150-1500 Volts AC 10-4700 Amps

■ Description

The FUJI BLC, CR and CS types are extremely reliable fuses which have been specially developed to provide protection for silicon diodes and thyristors and are suitable for inverters using semiconductors or transformersrectifiers. FUJI Super Rapid Fuses are designed with a very small total I2t value which gives them a high speed interrupting action in the face of abnormal currents.

In addition the arc voltage generated at the time of interruption has a low value so that faults will not influence related electric machinery and equipment. These fuses can carry out the protection of many types of circuits rating from the semiconductor overcurrents to destructive shortcircuiting faults-i.e. when the



semiconductors short or circuits fail the sound elements will be quickly isolated from the fault circuits.

■ Features

- The total clearing I2t is small and the semiconductor circuit is completely protected.
- Since the peak arc voltage at the time of interruption is low damage to other equipment does not occur.
- · High interrupting capacity of 200kA at 1000V AC
- The CS type is provided with a blown fuse indicator. An alarm contact block (1NO or 1NC) can also be attached.
- UL recognized: CR2L/UL, CR2LS/UL, CR6L/UL

(File No. E92312)

CSA certificated: CR2LS/UL (File No. LO4000-4090)

TÜV: CR2LS/UL (10-100A), CR2L/UL (150-350A) (Rep. No. E9450643E02) CR6L/UL (50-300A) (Rep. No. E9560543E02)

■ Specifications

Rated current	Rated voltage	Peak arc voltage	Max. interrupting I ² t (Amp ² ×sec.)	Watt loss	Fuse-link
(A)		(V)	× 10 ³	(W)	Type
12	550V	1550	0.09	5.1	BLC012-1
20 23	AC	1550 1550	0.27 0.39	8.5 10	BLC020-1 BLC023-1
45		1380	1.8	19	BLC025-1
75		1250	5	32	BLC075-1
90		1250	11.5	38	BLC090-1
120		1200	33	51	BLC120-1
140	0=01/	1200	100	59	BLC140-1
30 50	250V AC	Max. 500	0.35 0.85	4.0 6.0	CR2L-30 CR2L-50
75	AC	300	2.3	9.0	CR2L-75
100			4.0	12.0	CR2L-100
125			6.5	14.0	CR2L-125
140			7.0	16.0	CR2L-140
150			9.5	18.0	CR2L-150
175			13	21.0	CR2L-175
200 225			17 22	23.0 26.0	CR2L-200 CR2L-225
260			27	30.0	CR2L-225
300			38	35.0	CR2L-300
325			49	37.0	CR2L-325
350			60	37.0	CR2L-350
400			103	39.0	CR2L-400
450			140	46.0	CR2L-450
500 550			160 200	48.0 51.0	CR2L-500 CR2L-550
600			215	56.0	CR2L-550 CR2L-600
000		l	210	00.0	0112E 000

Rated current	Rated voltage	Peak arc voltage	Max. interrupting I ² t (Amp ² ×sec.)	Watt loss	Fuse-link
(A)		(V)	× 10 ³	(W)	Туре
	0501/	` '	0.04	` '	0001040
10	250V	Max.	0.04	1.2	CR2LS-10
20	AC	500	0.17	3.0	CR2LS-20
30			0.35	4.0	CR2LS-30
50			0.85	6.0	CR2LS-50
75			2.3	9.0	CR2LS-75
100			4.0	12.0	CR2LS-100
20	600V	Max.	0.14	4.0	CR6L-20
30	AC	1200	0.35	7.0	CR6L-30
50			1.8	9.0	CR6L-50
75			3.0	12.5	CR6L-75
100			7.0	15	CR6L-100
450			40	00.0	ODCI 450
150			18	22.0	CR6L-150
200			30	34.0	CR6L-200
250			70	37.0	CR6L-250
300			95	40.0	CR6L-300
350			150	45.0	CR6L-350
400			200	55	CR6L-400
500			390	60	CR6L-500
600			700	70	CR6L-600

Interrupting capacity CR2LS . 100kA at 250V AC CR6L 100kA at 600V AC

Interrupting capacity BLC 100kA at 550V AC CR2L 100kA at 250V AC

BLC, CR and CS types **Super Rapid Fuses**

■ Specifications

Rated current	Inter- rupting capacity	Max. interrupting I ² t (Amp ² ×sec.)	Watt loss	Fuse-link
(A)	(kA)	× 10 ³	(W)	Туре
4700	150 at 125V AC	14000	310	CS1F-4700
2000 3000	150 at 250V AC	1950 5500	124 216	CS2F-2000 CS2F-3000
40 75	200 at 500V AC	1 3.5	6.4 12	CS5F-40 CS5F-75
100	300 V AC	5.5	17	CS5F-100
150		10	25	CS5F-150
200		18.5	34	CS5F-200
250		33	42	CS5F-250
300		64	45	CS5F-300
350		85	56	CS5F-350
400		122	57	CS5F-400
450		131	62	CS5F-450
500		159	73	CS5F-500
600		257	80	CS5F-600
800		600	114	CS5F-800
1000 1000		1200 843	110 167	CS5F-1000 CS5F-1000-P
1200		1800	114	CS5F-1200
1200		1311	200	CS5F-1200-P
1500		3600	209	CS5F-1500
1000	200 at	1800	125	CS8F-1000
1200	800V AC	2500	176	CS8F-1200
1500		4400	220	CS8F-1500
80	200 at	10	17	CS10F-80
100 150	1000V AC	16 37	21 27	CS10F-100 CS10F-150
200		63	37	CS10F-130
250		110	44	CS10F-250
300		148	53	CS10F-300
350		211	70	CS10F-350
400		307	74	CS10F-400
500		420	90	CS10F-500
560		410	102	CS10F-560
630 750		450 640	135 156	CS10F-630 CS10F-750
800 1000		1259 1722	211 245	CS10F-800-P CS10F-1000-P
1250		2250	330	CS10F-1000-P
1500		3200	334	CS10F-1500-C
450	100 at	350	134	CS15F-450
630	1500V AC	760	170	CS15F-630
900		1400	280	CS15F-900-P
1250		3050	350	CS15F-1250-P

Peak arc voltage Note:

CS1F Max. 450V CS2F Max. 750V CS5F Max. 1000V CS8F Max. 2000V CS10F ... Max. 2000V

CS15F ... Less than 3000V An alarm contact block AHX2905 (1NO) or AHX2915 (1NC) can be attached to CS type. (Sold separately) See page 08/44.

Note: UL recognized fuse

In the $U\bar{L}$ recognized fuses, a fuse with a blown inidcation fuse, or a fuse both with a blown indication fuse and a precision switch is also UL recognized.

CR2L-200G/UL Examples: CR2LS-30S/UL CR6L-100G/UL ■ Specifications (UL-recognized, CSA certified, TÜV)

Rated current	Rated voltage	Inter- rupting capacity	Max. interrupting I ² t (Amp ² ×sec.) × 10 ³	Watt loss	Fuse-link Type
(A)		(kA)	A 10	(W)	,,,,,,
10 20 30 50 75 100	250V AC 400V DC	10 at AC (pf: 0.8) 10 at DC (L/R: 2ms)	0.04 0.17 0.35 0.85 2.3 4.0	1.2 3.0 4.0 6.0 9.0 12.0	CR2LS-10/UL CR2LS-20/UL CR2LS-30/UL CR2LS-50/UL CR2LS-75/UL CR2LS-100/UL
150 200 260 350 400 450 500 550 600			9.5 17 27 60 103 140 160 200 215	18.0 23.0 30.0 37.0 39.0 46.0 48.0 51.0 56.0	CR2L-150/UL CR2L-200/UL CR2L-260/UL CR2L-350/UL CR2L-450/UL CR2L-450/UL CR2L-500/UL CR2L-550/UL CR2L-500/UL
20 30	600V AC 680V DC	100 at AC (pf: 0.8) 10 at DC	0.14 0.35	4.0 7.0	CR6L-20/UL CR6L-30/UL
		(L/R: 2ms)			
50			1.8	9.0	CR6L-50/UL
75			3.0	12.5	CR6L-75/UL
100			7.0	15.0	CR6L-100/UL
150		100 at AC	18	22.0	CR6L-150/UL
200		(pf: 0.8) 50 at DC (L/R: 2ms)	30	34.0	CR6L-200/UL
300		,	95	40.0	CR6L-300/UL

Note: • Peak arc voltage CR2LS, CR2L Max. 500V CR6L Max. 1200V

The peak arc voltage is obtained by interruption caused by the listed interrupting current at rated voltage.

This indcates the values when the conductors specified in UL

Standards are connected and rated current apply. TÜV: CR2LS, 2L: Up to 350A CR6L: 50 to 300A

■ CR type fuse with optional accessory Fuse with blown indication fuse CR2L (S)- □ G



Fuse with blown indication fuse and precision switch CR2L (S)- □ S Precision switch (SPDT) CRX-1





AF88-442

■ Dimensions, mm

• BLC

BLC012, 020, 023 BLC045 BLC075 to 140

Type	Rated current (A)	А	В	øD	ød	Color of indicator	Mass (g)
BLC012-1	12	50	10	13	10	Grey	12
BLC020-1	20	50	10	13	14	Yellow	12
BLC023-1	23	50	10	13	14	Violet	12
BLC045-1	45	50	10	27	20	White	62
BLC075-1	75	63	6	34	5	Silver	120
BLC090-1	90	63	6	34	8	Red	120
BLC120-1	120	63	6	47	8	Yellow	120
BLC140-1	140	63	6	47	8	Light red	215

Note: The BLC type fuse link requires a holder in use. The size of the holder differs according to the fuse ratings. Select the most suitable one after referring to the Table on page 08/44. For drawings see page 08/32.

■ Ordering information

Specify the following:

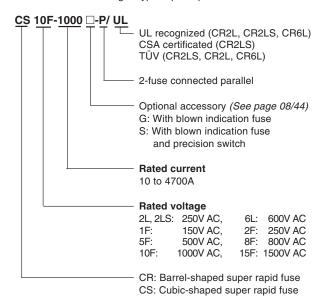
1. Type number

■ Type number nomenclature

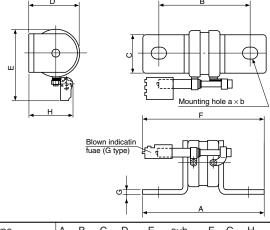
BLC 012-1

Rated current: 12 to 140A

Plug-in type super rapid fuse

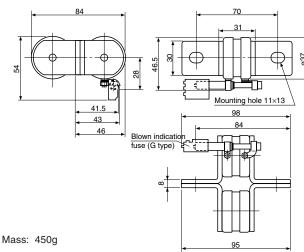


• CR2L-450 or smaller, CR2LS



Type	Α	В	С	D	Е	a×b	F	G	Н	Mass
CR2L-30 CR2L-50	80	58	18	21.5	37	9×11	90	1.5	26.5	42g
CR2L-75 CR2L-100 CR2L-125 CR2L-140 CR2L-150 CR2L-175	80	58	20	30.5	44	9×11	90	3	32.5	100g
CR2L-200 CR2L-225 CR2L-260 CR2L-300 CR2L-325	85	60	25	33.5	47	11×13	93	3.2	33.5	130g
CR2L-350 CR2L-400 CR2L-450	95	70	30	42	54	11×13	98	4	39	220g
CR2LS-10 CR2LS-20 CR2LS-30 CR2LS-50 CR2LS-75 CR2LS-100	56	42	12	18.5	34.5	6.5×8.5	78	2	25	28g

• CR2L-500 to -600

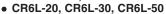


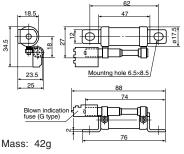
Dimensions for reference only. Confirm before construction begins.

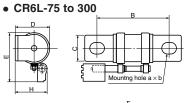
Note: The dimensions of the fuses with suffix. UL are the same as those of the standard ones.

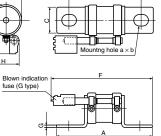
BLC, CR and CS types Super Rapid Fuses

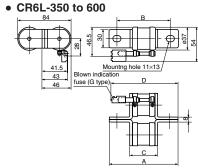
■ Dimensions, mm









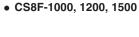


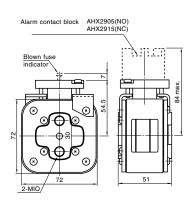
Туре	Α	В	С	D	Е	F	G	Н	a×b	Mass (g)
CR6L-75 CR6L-100 CR6L-150	95	70	25	34	47	102	3.2	33.5	11×13	150
CR6L-200 CR6L-250 CR6L-300	107	82	30	42	54	107	4	39	11×13	246

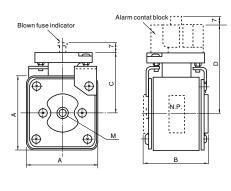
Туре	Α	В	С	D	Mass (g)	
CR6L-350	107	82	43	107	493	
CR6L-400 CR6L-500	121	96	43	114	522	
CR6L-600	121	96	47.4	114	545	

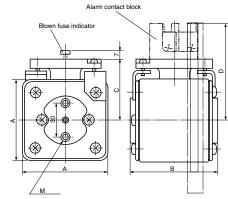
• CS1F-4700 CS2F-2000, 3000

• CS5F-40 to 1500 CS10F-80 to 750 CS15F-450, 630









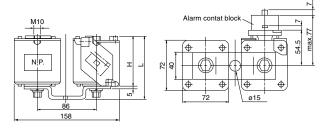
Mass: 800g

Voltage	Туре	A	В	С	D (Max.)	M)	Mass (g)
500V	CS5F-40 CS5F-75 CS5F-100 CS5F-150 CS5F-200	47	47	42.5	65.5	M8	320
	CS5F-250 CS5F-300 CS5F-350	57	51	47	70	M8	510
	CS5F-400 CS5F-450 CS5F-500 CS5F-600 CS5F-800	72	51	54.5	77	M10	800
	CS5F-1000 CS5F-1200 CS5F-1500	72	51	54.5	77	M12	830

Voltage	Туре	Α	В	С	D (Max.)	М	Mass (g)	
800V	CS8F-1000 CS8F-1200	72	74	54.5	84	M12	1060	
	CS8F-1500	72	82	54.5	84	M8	1150	
1000V	CS10F-80 CS10F-100	47	71	42.5	65.5	M8	420	
	CS10F-150 CS10F-200 CS10F-250	57	74	47	70	M8	690	
	CS10F-300 CS10F-350 CS10F-400 CS10F-500 CS10F-630 CS10F-750	72	74	54.5	77	M10	1060	
1500V	CS15F-450 CS15F-630	72	105	54.7	77	M10	1400	

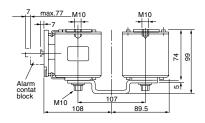
■ Dimensions, mm

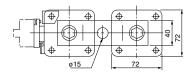
• CS5F-P CS10F-P, CS15F-P



Voltage	Туре	Н	L	Mass (g)
500V	CS5F-1000-P CS5F-1200-P	51	69	1900
1000V	CS10F-800-P CS10F-1000-P CS10F-1250-P	74	92	2420
1500V	CS15F-900-P CS15F-1250-P	105	123	3100

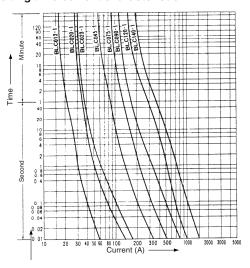
• CS10F-1500-C



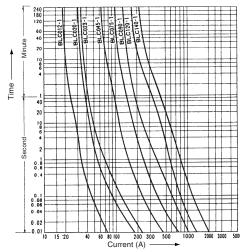


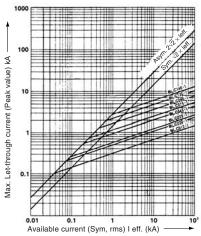
Mass: 2500g

■ Characteristic curves Melting time-current characteristic

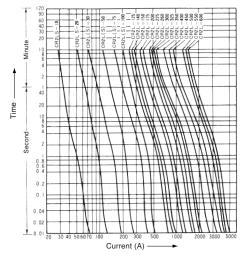


Operating time-current characteristic

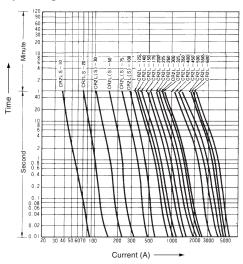




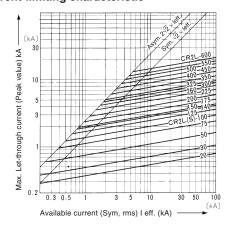
■ Characteristic curves CR2L, CR2LS Melting time-current characteristic



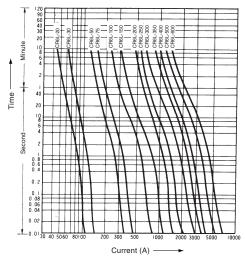
Operating time-current characteristic



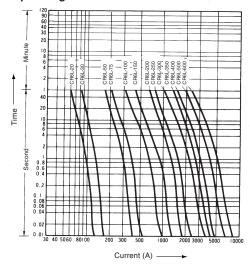
Current-limiting characteristic

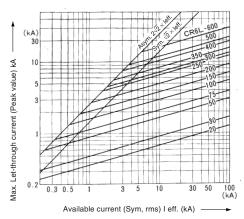


CR6L Melting time-current characteristic

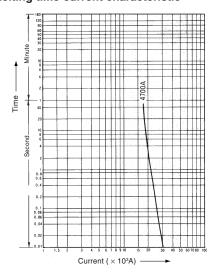


Operating time-current characteristic

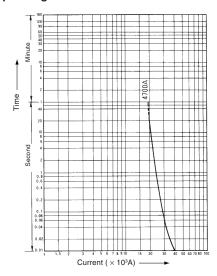




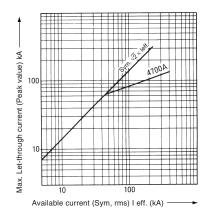
■ Characteristic curves CS1F Melting time-current characteristic



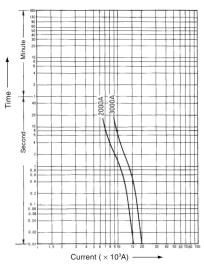
Operating time-current characteristic



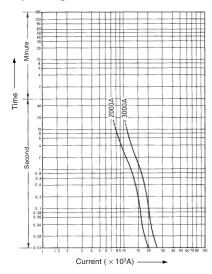
Current-limiting characteristic

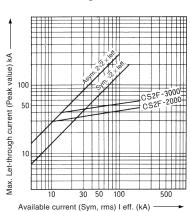


CS2F Melting time-current characteristic



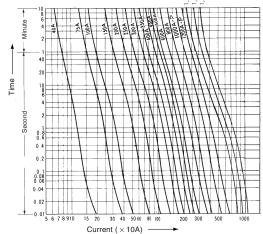
Operating time-current characteristic



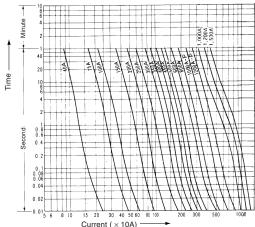


■ Characteristic curves CS5F

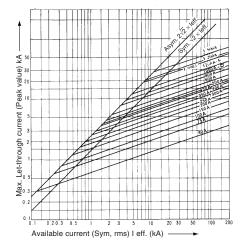




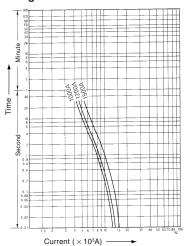
Operating time-current characteristic



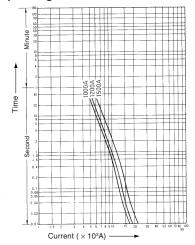
Current-limiting characteristic

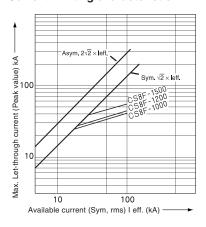


CS8F Melting time-current characteristic

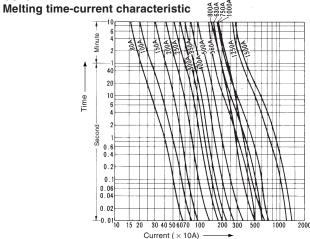


Operating time-current characteristic

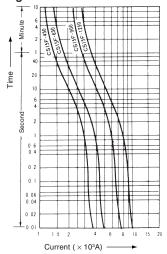




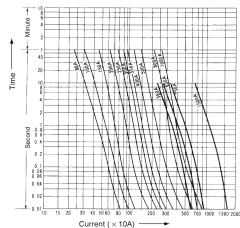
■ Characteristic curves CS10F



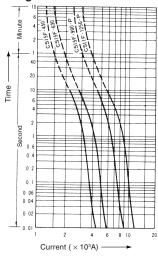
CS15F Melting time-current characteristic



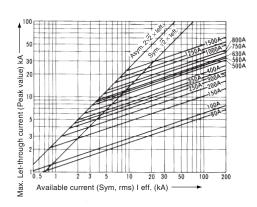
Operating time-current characteristic

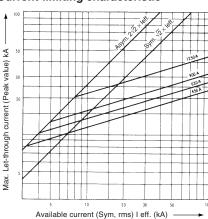


Operating time-current characteristic



Current-limiting characteristic





BLC, CR and CS types Super Rapid Fuses

■ Operating indication

• Blown fuse indication

FUJI Super Rapid Fuses are available in BLC, CR and CS types. These types have different methods of indicating a blown fuse.

BLC type

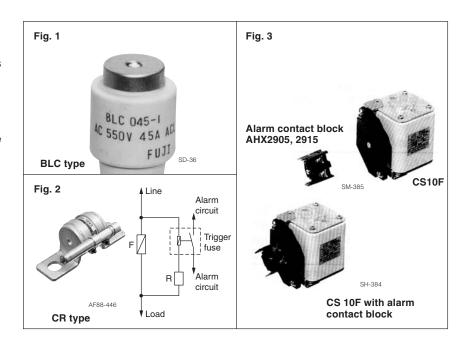
A blown fuse is indicated by the color tip on the ferrule of the fuse being ejected as shown in Fig. 1. This can be seen through the window of the fuse holder.

CR type

This fuse does not have a blown indicator but if a trigger fuse is connected as shown in Fig. 2 this will provide the alarm for blown fuse.

CS type

This fuse is provided with a blown fuse indicator. In this case a pin in the contact pad is ejected after the fuse has been blown. If electrical connections for lamps or alarms are required fit the contact block (1NO or 1NC) to the pad as shown in Fig. 3.



■ Alarm contact block ratings

Туре	Contact	t Rated	AC	•	DC				
		voltage (V)	Inductive cosφ=0.3~1		Resistive load		Inductive load		
			Rated operational current (A)	Rated capacity (VA)	Rated operational current (A)		Rated operational current (A)	Rated capacity (W)	
AHX2905	1NO	24	6	150	6	150	6	150	
		110	6	660	2.5	275	1.3	140	
		220	6	1320	1	220	0.45	100	
AHX2915	1NC	440	2.5	1100	0.4	175	0.2	85	
		550	2	1100	0.3	165	0.15	85	

■ Fuse holder for BLC type fuse

FUJI BLC fuses require special holders. Select the most suitable one which corresponds to the rated current of the fuse.

Dimensions: See page 08/32.





Fuse link BLC

Fuse holder Surface connection

Fuse link	Rated	Base		Screw cap	Adaptor
	current	Surface	Rear		ring
		connection	connection		
Type	(A)	Туре	Type	Туре	Туре
BLC012-1	12	AFa30	Ba30	Pa30	R20
BLC020-1	20	AFa30	Ba30	Pa30	_
BLC023-1	23	AFa30	Ba30	Pa30	_
BLC045-1	45	AFa60	Ba60	Pa60	_
BLC075-1	75	AFa100	Ba100	Pa100	R75
BLC090-1	90	AFa100	Ba100	Pa100	_
BLC120-1	120	AFa200	Ba200	Pa200	_
BLC140-1	140	AFa200	Ba200	Pa200	_

■ Application and selection guide BLC, CR and CS-type – Super rapid fuse

When selecting fuses for semiconductor rectifier circuit protection the following conditions must be satisfied.

For additional details contact FUJI.

■ Conditions of application

 The rated interrupting current of the fuse must be greater than the estimated short circuit current of the circuit.

Available short circuit current of rectifier circuit

Rated interrupting current of fuse

The let-thru current value of fuse must be less than the allowable 1/2 cycle surge current value.

Fuse let-thru current value

Semiconductor – 1/2 cycle allowable surge current 10ms (at 50Hz)

3. The total clearing l²t value which the fuse requires to complete interruption must be less than the allowable l²t value of semiconductor.

Fuse – total clearing l²t \leq

Semiconductor – I²t

4. The rated current of the fuse must be greater than the average forward current of the semiconductor.

Fuse – rated current

>

Semiconductor – average forward current

The rated current and voltage of the fuse must be greater than those of the rectifier circuit.

Fuse – rated current and voltage

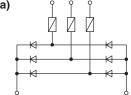
 Rectifier circuit – current and voltage

Method of application

Semiconductor rectifier equipment has a variety of rectifier circuits. Taking the 3-phase bridge rectifier circuit as an example – Fig. (a) and (b) as shown in the following.

Although the number of fuses used in the line fuse method (a) is half the number used in the element fuse method (b), the fuses must have a larger current capacity.

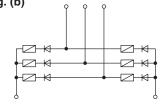
Fig. (a)



Line fuse method

In this method the fuses are connected to the AC line side.

Fig. (b)



Element fuse method

In this method the fuses are connected in series to the semiconductor element.

■ Fuse ratings

When selecting fuses various factors such as protection, coordination and load, etc. must be considered. However, in this catalog the main matters such as voltage, current and I²t only are explained.

Rated voltage

The rated voltage of the fuse indicates the maximum operational voltage and this also indicates the root-mean-square value of the AC sinusoidal wave voltage. Select fuses having a rated voltage exceeding the voltage obtained by the formula shown in the following table. (Fig. 1)

Do not select current-limiting fuses with rated voltages drastically exceeding the rectifier circuit voltage. It is necessary to consider the arc voltage.

Fig. 1 Rated voltage required by fuses

Wire connection	Wiring diagram	Rated voltage of Fus	Rated voltage of Fuse (V _{FN} rms)		
type		For line fuse	For element fuse		
Single-phase bridge	E _a ,	V _{FN} ≧ a · Ea	V _{FN} ≧ a · Ea		
3-phase bridge	E _a	$V_{FN} \geqq a \cdot E_a$	$V_{FN} \geqq \ a \cdot E_a$		
3-phase, double star		V _{FN} ≧ a ·√3 · Ea	$V_{FN} \geqq a \cdot \sqrt{3} \cdot E_a$		

Remarks: The 'a' is a coefficient where the regulation of the AC input voltage is taken into account. This is a=1.1 in case of voltage regulation $\pm 10\%$.

Fig. 2 Element current and line current

Wire connection type	Wiring diagram	Element fuse method Element current la	Line fuse method Line current I _ℓ
Single-phase bridge		$la = \frac{ld}{\sqrt{2}}$ $= 0.707d$	$I\ell=d$
3-phase bridge		$Ia = \frac{Id}{\sqrt{3}}$ $= 0.577dI$	$I\ell = \sqrt{\frac{2}{3}} \text{ Id}$ $= 0.816 \text{dI}$
3-phase, double star		$I\ell = Ia = \frac{Id}{2\sqrt{3}}$ $= 0.289dI$	

Low Voltage Fuses

BLC, CR and CS types Super Rapid Fuses

Rated current

The current values in fuses in the line fuse system and the element fuse system are different. Obtain the correct current value from the table on page 08/48 (Fig. 2).

When selecting the rated current of a fuse choose a fuse having an amperage rating greater than the current which flows in the semiconductor if the load is continuous and a fixed current.

If the current which flows in the semiconductor is greater than the rated current of the fuse connect the fuses in parallel. However, in this case, if the numbers of fuses arranged in parallel are 'n', then the I2t value of the fuse will be n2·12t and n2 times the 12t value of one fuse. This should be taken into consideration when protective coordination is taken into account. In the case of the circuit where the load rapidly varies the fuse element will suffer from mechanical deterioration and be damaged by thermal stress. In loads of this type the deterioration characteristics of the fuse must be closely considered.

Moreover if the fuse current – time characteristics of the fuse selected is less than the overload characteristics of the semiconductor element then complete protection can be obtained. However, if the semiconductor element has a large capacity then protective cooperation is very difficult to arrange. The fuses are used to isolate the shorted semiconductor element circuit from sound operating circuits.

■ Total clearing I2t

The total clearing I²t of fuse is a very important factor when considering the protective coordination of the semiconductor. This total clearing I²t is the value where the arcing I²t is added to the melting I²t. Therefore it is necessary to satisfy the following formula.

Fuse – total \leq Semiconductor clearing l^2t \leq l^2t

The total clearing I²t of fuse depends upon the operational voltage and interrupting current.

Therefore, for this reason if a 500 Volts fuse is used in a 300 Volts circuit the total clearing l²t is reduced by 50–70%. However, the reduction rate varies according to the type of fuse construction. This must be checked and confirmed once more.

Example

l²t

All I2t values are ampere2 seconds.

The I²t data for silicon diodes or thyristor elements are normally given in their respective catalogs. If the A²S data is not given in their catalog obtain the value in the following manner. If protection is needed for a 250V, 150A (I₀) diode having a maximum allowable peak half sine wave current of 2700A, it is important that the fuse has a total I²t value lower than that of the diode.

Calculation

Maximum I²t diode = $(\frac{1 \text{ Peak}}{2})^2 0.0167$ = $(\frac{2700}{2})^2 0.0167$ = $30,400\text{A}^2 \text{ Sec.}$

From the table (*Page 08/38*), the fuse with a total I²t nearest to 30,400A² Sec. is the 260 Ampere fuse (CR 2L-260).

■ Interrupting current

The rated interrupting current of the fuse must exceed the maximum value (Symmetrical RMS value) of the estimated circuit fault current.

■ Peak arc voltage

In the case of the current-limiting fuse an arc voltage (overvoltage) is generated at the time of interruption due to its fusible element construction. It is necessary to check that this peak arc voltage does not exceed the semiconductor's maximum (Nonrepetitive peak) reverse voltage value.

■ Current limitation

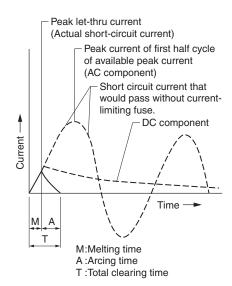
Select a fuse whose let-thru current value does not exceed the allowable 1/2 cycle surge current of the semiconductor. The allowable surge current is the peak value of the current which in case at 50Hz is allowed to flow for 10ms. In the current-limiting fuse the fault must be cleared in the shortest possible time or in the first 1/2 cycle.

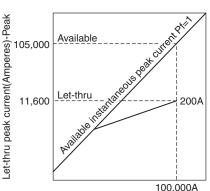
Available current is the current which would flow if the fuse were not current-limiting.

This would cause damage to equipment. Let-thru current is the actual current allowed to flow by the current limiting action of the fuse. A number of let-thru current graphs are given in this catalog and example is given in the following paragraph. The method of reading this graph is provided for your reference.

How to find a let-thru current – Example

Fuse: 200 Amps 500V Available R.M.S symmetrical current: 100,000 Amps Let-thru peak current (Instantaneous): 11,600 Amps
Let-thru R.M.S. current
11,600 ÷ 1.7 = 6,800 Amps
This example clearly shows that while
a 100kA (rms, sym) current is
available, the fuse limits the current letthru to 6,800 Amperes (rms, sym).





Available RMS symmetrical current(Ampere)