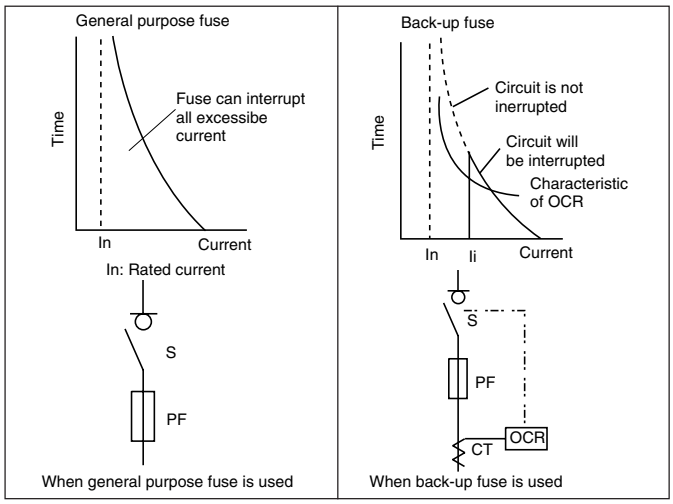
General purpose fuses and back-up fuses

The FUJI current-limiting power fuses are available as either general purpose-types or back-up-types.
General purpose fuses are provided with a wide range of interrupting performance. They can, for instance, interrupt excessive currents in the 200 – 300% range up to massive short-circuit currents. This indicates that they can interrupt currents including the fuse elements's melting current.
Since they are the most reliable type of fuse they can be attached to the FUJI LBS, LB-type air load break switches.
They can also be applied independently to H.V. circuits to give them adequate overload protection.
Back-up fuses are used in coordination with the circuit breaker with trip device, OCR and CT. The OCR operates in the face of small overcurrent approx. 200% of the rated current, while the fuse rapidly interrupts in the face of destructive short-circuit current. Although the power fuse has an excellent performance against massive overcurrent yet it has a tendency to explode against the small overcurrent. There is a region where fusible element melts but interruption may not take place. In this case the circuit breaker is required to cover this region.



■ Type number of fuse

• General purpose fuses

Nominal current (A)	3.6kV interrupting capacity (kA) *1	Type	7.2kV interrupting capacity (kA) *1	Type	7.2kV interrupting capacity (kA) *1	Type
5	40 (250)	**HF337E/3/5**	40 (500)	**SCF-6/5**	40 (500)	**HF337E/6/5**
10	40 (250)	**HF337E/3/10**	40 (500)	**SCF-6/10**	40 (500)	**HF337E/6/10**
20	40 (250)	**HF338E/3/20**	40 (500)	**SCF-6/20**	40 (500)	**HF338E/6/20**
30	40 (250)	**HF338E/3/30**	40 (500)	**SCF-6/30**	40 (500)	**HF338E/6/30**
40	40 (250)	**HF338E/3/40**	40 (500)	**SCF-6/40**	40 (500)	**HF338E/6/40**
50	40 (250)	**HF338E/3/50**	20 (250)	**SCF-6/50**	40 (500)	**HF338E/6/50**
75	40 (250)	**HF338E/3/75**	20 (250)	**SCF-6/75**	40 (500)	**HF338E/6/75**
100	40 (250)	**HF338E/3/100**	–	**–**	40 (500)	**HF338E/6/100**
150	40 (250)	**HF338E/3/150**	–	**–**	40 (500)	**HF338E/6/150**
200	40 (250)	**HF338E/3/200**	–	**–**	31.5 (390)	**HF338E/6/200** *2
400	40 (250)	**HF338E/3/400** *2	–	**–**	31.5 (390)	**HF338E/6/400** *2

Notes: *1 ( ) indicate MVA. *2 Back-up fuse

• Back-up fuses

Nominal current (A)	12kV interrupting capacity (kA) *1	Type	24kV interrupting capacity (kA) *1	Type	36kV interrupting capacity (kA) *1	Type
5	40 (830)	**JR-10/5**	40 (1700)	**JR-20/5**	25 (1600)	**JR-30/5**
10	40 (830)	**HF337/10/10**	25 (1000)	**HF337/20/10**	16 (1000)	**HF337/30/10**
16	–	**–**	–	**–**	32 (2000)	**HFB-30/16**
20	40 (830)	**HF338B/10/20**	25 (1000)	**HF338B/20/20**	–	**–**
25	–	**–**	–	**–**	32 (2000)	**HFB-30/25**
30	40 (830)	**HF338B/10/30**	25 (1000)	**HF338B/20/30**	–	**–**
40	40 (830)	**HF338B/10/40**	25 (1000)	**HF338B/20/40**	32 (2000)	**HFB-30/40**
50	40 (830)	**HF338B/10/50**	–	**–**	–	**–**
75	40 (830)	**HF338B/10/75**	–	**–**	–	**–**
80	–	**–**	25 (1000)	**2xHF338B/20/40**	32 (2000)	**2xHFB-30/40**
100	40 (830)	**HF338B/10/100**	–	**–**	–	**–**
150	40 (830)	**2xHF338B/10/75**	–	**–**	–	**–**
200	40 (830)	**2xHF338B/10/100**	–	**–**	–	**–**

Note: *1 ( ) indicate MVA.

■ Repeat operating life of general purpose fuses

Transformer circuit Rated voltage (kV)	Type	Transformer rated current (A)	Repeat operations	Motor circuit Rated voltage (kV)	Type	Motor rated current (A)	Repeat operations
3.6	HF338E/3/100	75	10000	3.6	HF338E/3/50	20	15000
	HF338E/3/150	100	operations		HF338E/3/200	100	operations
					HF338E/3/400	200	
7.2	SCF-6/30	15	10000				15000
	HF338E/6/30	15	operations	7.2	SCF-6/75	30	operations
	SCF-6/75	60			HF338E/6/75	30	
	HF338E/6/75	60			HF338E/6/200	100	
	HF338E/6/150	100			HF338E/6/400	200	
	HF338E/6/400	300					

Note: Refer to repeat overcurrent characteristics on *page 11/10.*

■Quick selection guide

• 3.3kV oil immersed type transformers

3-phase transformers Capacity (kVA)	Rated current (A)	Recommended FUJI fuse Type	Single-phase transformers Capacity (kVA)	Rated current (A)	Recommended FUJI fuse Type
5	0.88	HF337E/3/5	5	1.52	HF337E/3/5
7.5	1.31	HF337E/3/5	7.5	2.28	HF337E/3/10
10	1.75	HF337E/3/5	10	3.03	HF337E/3/10
15	2.63	HF337E/3/10	15	4.55	HF338E/3/20
20	3.5	HF337E/3/10	20	6.05	HF338E/3/20
25	4.36	HF338E/3/20	25	7.6	HF338E/3/20
30	5.25	HF338E/3/20	30	9.1	HF338E/3/20
50	8.75	HF338E/3/20	50	15.2	HF338E/3/30
75	13.1	HF338E/3/30	75	22.8	HF338E/3/50
100	17.5	HF338E/3/30	100	30.3	HF338E/3/75
150	26.3	HF338E/3/40	150	45.5	HF338E/3/100
200	35	HF338E/3/50	200	60.5	HF338E/3/100
250	43.6	HF338E/3/75	250	76	HF338E/3/100
300	52.5	HF338E/3/75	300	91	HF338E/3/150
500	87.5	HF338E/3/150	500	152	HF338E/3/200
750	131	HF338E/3/200	750	227	HF338E/3/400
1000	175	HF338E/3/400	1000	303	HF338E/3/400

Note: Selection based on FUJI standard transformer.

• 6.6kV oil immersed type transformers

3-phase transformers Capacity (kVA)	Rated current (A)	Recommended FUJI fuse SCF series Type	HF series Type	Single-phase transformers Capacity (kVA)	Rated current (A)	Recommended FUJI fuse SCF series Type	HF series Type
5	0.44	SCF-6/5	HF337E/6/5	5	0.76	SCF-6/5	HF337E/6/5
7.5	0.66	SCF-6/5	HF337E/6/5	7.5	1.14	SCF-6/5	HF337E/6/5
10	0.88	SCF-6/5	HF337E/6/5	10	1.51	SCF-6/10	HF337E/6/10
15	1.31	SCF-6/5	HF337E/6/5	15	2.28	SCF-6/10	HF337E/6/10
20	1.75	SCF-6/10	HF337E/6/10	20	3.0	SCF-6/10	HF337E/6/10
25	2.19	SCF-6/10	HF337E/6/10	25	3.8	SCF-6/20	HF338E/6/20
30	2.63	SCF-6/10	HF337E/6/10	30	4.5	SCF-6/20	HF338E/6/20
50	4.36	SCF-6/20	HF338E/6/20	50	7.6	SCF-6/20	HF338E/6/20
75	6.55	SCF-6/20	HF338E/6/20	75	11.4	SCF-6/40	HF338E/6/40
100	8.75	SCF-6/30	HF338E/6/30	100	15.2	SCF-6/50	HF338E/6/50
150	13.1	SCF-6/30	HF338E/6/30	150	22.8	SCF-6/50	HF338E/6/50
200	17.5	SCF-6/40	HF338E/6/40	200	30.3	SCF-6/75	HF338E/6/75
250	21.9	SCF-6/40	HF338E/6/40	250	38	SCF-6/75	HF338E/6/75
300	26.3	SCF-6/50	HF338E/6/50	300	45	SCF-6/75	HF338E/6/75
500	43.6	SCF-6/75	HF338E/6/75	500	76	—	HF338E/6/100
750	65.5	—	HF338E/6/100	750	114	—	HF338E/6/200
1000	87.5	—	HF338E/6/150	1000	152	—	HF338E/6/200

Note: Selection based on FUJI standard transformer.

• 11kV oil immersed type transformers

3-phase transformers Capacity (kVA)	Rated current (A)	Recommended FUJI fuse Type	Single-phase transformers Capacity (kVA)	Rated current (A)	Recommended FUJI fuse Type
15	0.79	JR-10/5	15	1.36	HF337/10/10
20	1.05	JR-10/5	20	1.82	HF337/10/10
25	1.31	HF337/10/10	25	2.27	HF337/10/10
30	1.57	HF337/10/10	30	2.73	HF338B/10/20
50	2.62	HF337/10/10	50	4.55	HF338B/10/20
75	3.94	HF338B/10/20	75	6.82	HF338B/10/20
100	5.25	HF338B/10/20	100	9.09	HF338B/10/30
150	7.87	HF338B/10/30	150	13.6	HF338B/10/40
200	10.5	HF338B/10/30	200	18.2	HF338B/10/40
250	13.1	HF338B/10/40	250	22.7	HF338B/10/50
300	15.8	HF338B/10/40	300	27.3	HF338B/10/75
500	26.2	HF338B/10/50	500	45.5	HF338B/10/75
750	39.4	HF338B/10/75	750	68.2	HF338B/10/100
1000	52.5	HF338B/10/100	1000	90.9	2xHF338B/10/100

Note: Selection based on 10Xrated current –0.1 sec. transformer inrush current.

■Quick selection guide

• 22kV oil immersed type transformers

3-phase transformers Capacity (kVA)	Rated current (A)	Recommended FUJI fuse Type	Single-phase transformers Capacity (kVA)	Rated current (A)	Recommended FUJI fuse Type
15	0.39	JR-20/5	15	0.68	JR-20/5
20	0.52	JR-20/5	20	0.91	JR-20/5
25	0.66	JR-20/5	25	1.14	JR-20/5
30	0.79	JR-20/5			
50	1.31	HF337/20/10	30	1.36	HF337/20/10
75	1.97	HF337/20/10	50	2.27	HF337/20/10
100	2.62	HF337/20/10	75	3.41	HF338B/20/20
			100	4.55	HF338B/20/20
150	3.94	HF338B/20/20	150	6.82	HF338B/20/20
200	5.25	HF338B/20/20			
250	6.56	HF338B/20/20	200	9.1	HF338B/20/30
300	7.87	HF338B/20/30	250	11.4	HF338B/20/30
500	13.1	HF338B/20/40	300	13.6	HF338B/20/40
750	19.7	HF338B/20/40	500	22.7	2xHF338B/20/40
1000	29.2	2xHF338B/20/40	750	34.1	2xHF338B/20/40

Note: Selection based on 10Xrated current –0.1 sec. transformer inrush current.

• 33kV oil immersed type transformers

3-phase transformers Capacity (kVA)	Rated current (A)	Recommended FUJI fuse Type	Single-phase transformers Capacity (kVA)	Rated current (A)	Recommended FUJI fuse Type
15	0.26	JR-30/5	15	0.45	JR-30/5
20	0.35	JR-30/5	20	0.61	JR-30/5
25	0.44	JR-30/5			
30	0.52	JR-30/5	25	0.76	JR-30/5
50	0.87	JR-30/5	30	0.91	JR-30/5
			50	1.52	HF337/30/10
75	1.31	HF337/30/10			
100	1.75	HF337/30/10	75	2.27	HF337/30/10
150	2.62	HF337/30/10	100	3.03	HFB-30/16
200	3.5	HFB-30/16	150	4.55	HFB-30/16
250	4.37	HFB-30/16	200	6.06	HFB-30/25
300	5.25	HFB-30/25	250	7.6	HFB-30/25
500	8.75	HFB-30/40	300	9.1	HFB-30/40
750	13.1	2xHFB-30/40	500	15.1	2xHFB-30/40
1000	17.5	2xHFB-30/40	750	22.2	2xHFB-30/40

Note: Selection based on 10Xrated current –0.1 sec. transformer inrush current.

• 3.3/6.6kV FM-KF type cast-resin transformers

3.3kV Capacity (kVA)	3-phase Recommended FUJI fuse Type	Single-phase Recommended FUJI fuse Type	6.6kV Capacity (kVA)	3-phase Recommended FUJI fuse Type	Single-phase Recommended FUJI fuse Type
10	HF338E/3/20	HF338E/3/20	10	SCF-6/20	SCF-6/10
20	HF338E/3/20	HF338E/3/20		HF337E/6/20	HF337E/6/10
30	HF338E/3/20	HF338E/3/30	20	SCF-6/20	SCF-6/20
				HF338E/6/20	HF338E/6/20
50	HF338E/3/30	HF338E/3/40			
75	HF338E/3/40	HF338E/3/50	30	SCF-6/20	SCF-6/20
100	HF338E/3/40	HF338E/3/75		HF338E/6/20	HF338E/6/20
			50	SCF-6/20	SCF-6/30
150	HF338E/3/50	HF338E/3/100		HF338E/6/20	HF338E/6/30
200	HF338E/3/75	HF338E/3/100			
300	HF338E/3/100	HF338E/3/200	75	SCF-6/20	SCF-6/30
				HF338E/6/20	HF338E/6/30
500	HF338E/3/150		100	SCF-6/30	SCF-6/40
				HF338E/6/30	HF338E/6/40
			150	SCF-6/40	SCF-6/50
				HF338E/6/40	HF338E/6/50
			200	SCF-6/40	SCF-6/75
				HF338E/6/40	HF338E/6/75
			300	SCF-6/75	—
				HF338E/6/75	HF338E/6/100
			500	HF338E/6/100	—

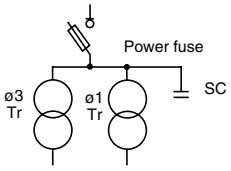
Note: Selection based on FUJI standard transformer.

■Quick selection guide

• Single- and 3-phase oil immersed type transformer connection

3.3kV circuits

3ø transformer capacity \ 1ø transformer capacity	—	5kVA	7.5kVA	10kVA	15kVA	20kVA	30kVA	50kVA	75kVA	100kVA
—	—	HF337E /3/5	HF337E/3/10					HF338E /3/30	HF338E /3/50	
5kVA	HF337E /3/5	HF337E /3/10	HF338E/3/20							
10kVA										
15kVA	HF337E /3/10				HF338E/3/30					
20kVA										
30kVA								HF338E /3/50		HF338E /3/100
50kVA		HF338E /3/30	HF338E/3/40							
75kVA	HF338E /3/30								HF338E/3/75	
100kVA		HF338E/3/50								
150kVA	HF338E /3/40									



6.6kV circuits

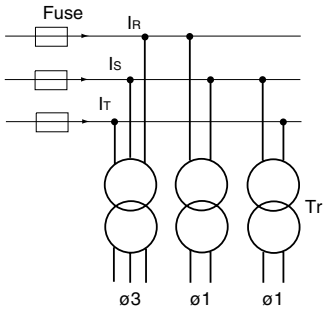
3ø transformer capacity \ 1ø transformer capacity	—	5kVA	7.5kVA	10kVA	15kVA	20kVA	30kVA	50kVA	75kVA	100kVA
—	—	SCF-6/5 HF337E/6/5								
5kVA	SCF-6/5 HF337E /6/5	SCF-6/10 HF337E/6/10							SCF-6/ 40 HF338E /6/40	SCF-6/ 50 HF338E /6/50
10kVA										
15kVA										
20kVA		SCF-6/20 HF338E/6/20								
30kVA										
50kVA										
75kVA			SCF-6/30 HF338E/6/30							
100kVA										
150kVA					SCF-6/40 HF338E/6/40					SCF-6/ 75 HF338E /6/75
200kVA										
250kVA							SCF-6/50 HF338E/6/50			
300kVA										
500kVA		SCF-6/75 HF338E/6/75							HF338E/6/100	

Notes:
1. Select the rated current of power fuse .
2. These tables are based on the fact that capacity of capacitor (SC) is less than 1/3 of transformer total capacity (kVA) and that the transformer inrush current is 10 × rated current , 0.1 sec.

Primary fuse protection of transformers (Simple selection method)

Series	Maximum current of transformer circuit (A)	Fuse type	
SCF	1.5	SCF-6/5	
	3.2	SCF-6/10	
	7.4	SCF-6/20	
	13	SCF-6/30	
	21	SCF-6/40	
	28	SCF-6/50	
	46	SCF-6/75	
HH337E HH338E	1.5	HF337E/3/5,	HF337E/6/5
	3.2	HF337E/3/10,	HF337E/6/10
	8.2	HF338E/3/20,	HF338E/6/20
	14	HF338E/3/30,	HF338E/6/30
	22	HF338E/3/40,	HF338E/6/40
	30	HF338E/3/50,	HF338E/6/50
	52	HF338E/3/75,	HF338E/6/75
	82	HF338E/3/100,	HF338E/6/100

1. Selection of the primary fuse, exciting current (r.m.s.) will be determined on the basis of a current 10 times the rated full-load current for the transformer which will flow for 0.1 sec.
2. When a group of three or single-phase transformers is connected in parallel, calculate the I_R, I_S and I_T maximum load line currents of the transformers to determine the largest, and select fuses by use of the table.



■Quick selection guide

• 3.3kV induction motors

Motor capacity (kW)	Squirrel-cage type Rated current (A)	Rush current (A)	Starting time (Sec.)	Fuse type Normal operating	Twice repeat operating	Wound-rotor type Rated current (A)	Rush current (A)	Starting time (Sec.)	Fuse type Normal operating	Twice repeat operating
37	11	73	5	HF338E/3/40	HF338E/3/50	10.7	16.1	17	HF338E/3/20	HF338E/3/20
55	15.5	100	5	HF338E/3/75	HF338E/3/75	15.1	22.5	19	HF338E/3/20	HF338E/3/20
75	20.6	135	5	HF338E/3/75	HF338E/3/75	20.1	30.2	22	HF338E/3/30	HF338E/3/30
90	24	157.9	5	HF338E/3/75	HF338E/3/100	23.4	34.9	23	HF338E/3/30	HF338E/3/30
110	29.1	185	5	HF338E/3/100	HF338E/3/100	28.4	42.5	25	HF338E/3/40	HF338E/3/40
132	34.3	215	5	HF338E/3/100	HF338E/3/150	33.5	50.1	27	HF338E/3/40	HF338E/3/40
160	41.1	260.2	5	HF338E/3/150	HF338E/3/150	40.2	60.1	30	HF338E/3/50	HF338E/3/50
200	51.1	320	5	HF338E/3/150	HF338E/3/200	49.8	74.5	33	HF338E/3/75	HF338E/3/75
250	59.5	330	10	HF338E/3/200	HF338E/3/200	58	86.8	36	HF338E/3/75	HF338E/3/75
280	68	377.2	10	HF338E/3/200	HF338E/3/200	66.3	99.2	38	HF338E/3/100	HF338E/3/100
315	78.1	407	10	HF338E/3/200	HF338E/3/200	77.6	116.1	40	HF338E/3/100	HF338E/3/100
355	86.2	474.1	10	HF338E/3/200	HF338E/3/400	84.4	126.3	42	HF338E/3/100	HF338E/3/100
400	102	563	10	HF338E/3/400	HF338E/3/400	100.2	149.9	44	HF338E/3/150	HF338E/3/150
450	114.3	629	10	HF338E/3/400	HF338E/3/400	112.3	168	47	HF338E/3/150	HF338E/3/150
500	128.7	703	10	HF338E/3/400	HF338E/3/400	128.7	192.6	49	HF338E/3/200	HF338E/3/200
560	144.1	798	15	HF338E/3/400	HF338E/3/400	144.1	215.6	52	HF338E/3/200	HF338E/3/200
630	162.6	898	15	HF338E/3/400	—	162.6	243.3	55	HF338E/3/200	HF338E/3/200

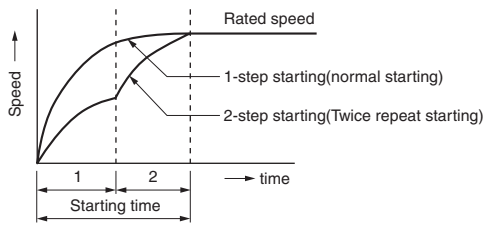
Note: 1. Full load current and starting current values: Motors with ratings of 200kW or less meet the requirements of JEM 1381. Motors with ratings of over 250kW conform to the requirements of FUJI standard motors.
2. Fuse rated values are selected on the basis of G-type fuses. *(Please refer to Page 11/10).*

• 6.6kV induction motors

Motor capacity (kW)	Rated current (A)	Squirrel-cage type Fuse type Normal operating	Twice repeat operating	Wound-rotor type Fuse type Normal operating	Twice repeat operating
250	29	HF338E/6/100	HF338E/6/150	SCF-6/40 HF338E/6/40	SCF-6/40 HF338E/6/40
315	38	HF338E/6/150	HF338E/6/150	SCF-6/40 HF338E/6/40	SCF-6/50 HF338E/6/50
375	45	HF338E/6/150	HF338E/6/200	SCF-6/50 HF338E/6/50	SCF-6/75 HF338E/6/75
450	54	HF338E/6/200	HF338E/6/200	SCF-6/75 HF338E/6/75	SCF-6/75 HF338E/6/75
530	63	HF338E/6/200	HF338E/6/400	SCF-6/75 HF338E/6/75	SCF-6/75 HF338E/6/75
630	74	HF338E/6/400	HF338E/6/400	HF338E/6/100	HF338E/6/100
750	89	HF338E/6/400	HF338E/6/400	HF338E/6/100	HF338E/6/100
850	100	HF338E/6/400	HF338E/6/400	HF338E/6/150	HF338E/6/150
950	110	HF338E/6/400	HF338E/6/400	HF338E/6/150	HF338E/6/150
1050	121	HF338E/6/400	—	HF338E/6/150	HF338E/6/150
1200	138	—	—	HF338E/6/200	HF338E/6/200
1320	152	—	—	HF338E/6/200	HF338E/6/200
1500	172	—	—	HF338E/6/200	HF338E/6/200

Note: 1. The application recommendations are based on the ratings for FUJI standard 4-pole motors.
2. The starting current and the starting time differ according to the load GD². However, the type of fuse has been selected on the basis of the most typical value. When special operations are involved please contact FUJI.
3. Fuse rated values are selected on the basis of G-type fuses. *(Please refer to Page 11/10).*
4. When 2-step starting is required please consider the starting time for selecting the fuse:

The starting time (i.e., the time before the rated speed is reached) is twice the time taken for 1-step starting.



■Quick selection guide

• 3.3/6.6kV capacitor

Capacity (kVA)	3-phase 3.3kV Rated current (A)	Fuse type	3-phase 6.6kV Rated current (A)	Fuse type
5	0.88	HF337E/3/10	0.44	SCF-6/5 HF337E/6/5
7.5	1.31	HF337E/3/10	0.66	SCF-6/5 HF337E/6/5
10	1.75	HF337E/3/10	0.88	SCF-6/10 HF337E/6/10
15	2.62	HF338E/3/20	1.31	SCF-6/10 HF337E/6/10
20	3.5	HF338E/3/20	1.75	SCF-6/10 HF337E/6/10
25	4.37	HF338E/3/20	2.2	SCF-6/10 HF337E/6/10
30	5.25	HF338E/3/20	2.62	SCF-6/20 HF338E/6/20
50	8.8	HF338E/3/30	4.37	SCF-6/20 HF338E/6/20
75	13.1	HF338E/3/30	6.56	SCF-6/20 HF338E/6/20
100	17.5	HF338E/3/40	8.75	SCF-6/30 HF338E/6/30
150	26.2	HF338E/3/50	13.1	SCF-6/30 HF338E/6/30
200	35	HF338E/3/75	17.5	SCF-6/40 HF338E/6/40
250	43.7	HF338E/3/75	21.9	SCF-6/50 HF338E/6/50
300	52.4	HF338E/3/100	26.2	SCF-6/50 HF338E/6/50
400	70	HF338E/3/100	35	SCF-6/75 HF338E/6/75
500	87.4	HF338E/3/150	43.7	SCF-6/75 HF338E/6/75

Note: 1. Selection based on the capacitor inrush current of 70 times rated current, 2ms.
2. Fuse rated values are selected on the basis of G-type fuses.
(Please refer to Page 11/10).

• 11/22/33kV capacitor

Capacity (kVA)	3-phase 11kV Rated current (A)	Fuse type	3-phase 22kV Rated current (A)	Fuse type	3-phase 33kV Rated current (A)	Fuse type
15	0.79	JR-10/5	0.39	JR-20/5	0.26	JR-30/5
20	1.05	JR-10/5	0.53	JR-20/5	0.35	JR-30/5
25	1.31	HF337/10/10	0.66	HF337/20/10	0.44	JR-30/5
30	1.56	HF337/10/10	0.79	HF337/20/10	0.53	JR-30/5
50	2.63	HF337/10/10	1.31	HF337/20/10	0.88	JR-30/5
75	3.94	HF338B/10/20	1.97	HF338B/20/20	1.31	HF337/30/10
100	5.25	HF338B/10/20	2.63	HF338B/20/20	1.75	HF337/30/10
150	7.87	HF338B/10/30	3.93	HF338B/20/20	2.63	HF337/30/10
200	10.5	HF338B/10/40	5.25	HF338B/20/20	3.5	HFB-30/16
250	13.1	HF338B/10/40	6.55	HF338B/20/30	4.36	HFB-30/16
300	15.8	HF338B/10/50	7.87	HF338B/20/30	5.25	HFB-30/16
500	26.3	HF338B/10/75	13.1	HF338B/20/40	8.75	HFB-30/25
750	39.4	HF338B/10/100	19.7	2xHF338B/20/40	13.1	HFB-30/40
1000	52.5	2xHF338B/10/75	26.3	—	17.5	2xHFB-30/40

Note: Selection based on the capacitor inrush current, 70 times rated current –2ms.