

600SPF

FEATURES

- Large capacity, 1750A
- Square type; capable of being connected with copper bars
- Standard model equipped with function to indicate fusing
- Microswitch can be installed (optional)

RATING

Rated voltage and blocking capacity : 600V AC-100kA
 450V DC (L/R = 3ms)-100kA
 Minimum block-off current : 600V AC/450V DC - 5 times the rated amperage
 Maximum arc voltage : 1200V



UL standard approved rating

Rated voltage and blocking capacity : Same as the standard rating

CAUTION!

- Read "PROTECT FUSE USER'S GUIDE" and "FOR SAFE USE" at the back of this catalog before use.
- The minimum working voltage of the fusing indication function is 10V.

Specifications

Standard Model

Type	Rated Amperage (A)	Fusing I ² t (×10 ³ A ² S)	Shutdown I ² t (×10 ³ A ² S) at AC600V 100kA	Power Loss (W)	Dimensions (mm)					Weight (g)	Fig	Standard Approved
					A	B	C	D	M			
600SPF80S	80	0.5	3.5	13	A1=30 A2=43	53	27	50	M8 Depth 8	210	1	—
600SPF100S	100	0.8	6.5	16								
600SPF125S	125	1.2	9.5	17								
600SPF160S	160	1.8	14.5	21								
600SPF200S	200	3.1	25.0	30								
600SPF250S	250	4.8	38.0	35	51	53	38	61	420			
600SPF315S	315	7.0	56.0	40								
600SPF350S	350	12.5	100.0	47								
600SPF400S	400	16.0	140.0	55	60	53	43	66	M10 Depth 10	630		
600SPF500S	500	24.0	205.0	60								
600SPF600S	600	33.0	290.0	70								
600SPF630S	630	44.0	400.0	85	75	53	51	75	M12 Depth 12	1010		
600SPF700S	700	56.0	535.0	95								
600SPF800S	800	70.0	670.0	110								
600SPF900S	900	94.0	900.0	115	100	58	63	87	M12 Depth 12	1830		
600SPF1000S	1000	111.0	1060.0	135								
600SPF1250P1S	1250	174.0	1580.0	180							75	73
600SPF1500PS	1500	280.0	2700.0	200	75	73	51	75	3700	3		
600SPF1750PS	1750	450.0	4500.0	250	100	78	63	87	5200	3		

UL Approved Model

Type	Rated Amperage (A)	Fusing I ² t (×10 ³ A ² S)	Shutdown I ² t (×10 ³ A ² S) at AC600V 100kA	Power Loss (W)	Dimensions (mm)					Weight (g)	Fig	Standard Approved
					A	B	C	D	M			
600SPF100SUL	100	0.8	6.5	16	A1=30 A2=43	53	27	50	M8 Depth 8	210	1	UL
600SPF125SUL	125	1.2	9.5	17								
600SPF160SUL	160	1.8	14.5	21								
600SPF200SUL	200	3.1	25.0	30								
600SPF250SUL	250	4.8	38.0	35								
600SPF315SUL	315	7.0	56.0	40	51	53	38	61	420			
600SPF350SUL	350	12.5	100.0	47								
600SPF400SUL	400	16.0	140.0	55								
600SPF500SUL	500	24.0	205.0	60	60	53	43	66	M10 Depth 10	630		
600SPF600SUL	600	33.0	290.0	70								
600SPF630SUL	630	44.0	400.0	85								
600SPF700SUL	700	56.0	535.0	95	75	53	51	75	M12 Depth 12	1010		
600SPF800SUL	800	70.0	670.0	110								
600SPF900SUL	900	94.0	900.0	115								
600SPF1000SUL	1000	111.0	1060.0	135	100	58	63	87	M12 Depth 12	1830		

Dimensions

Fig 1

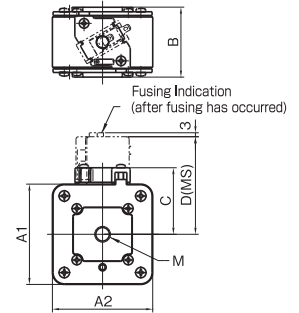


Fig 2

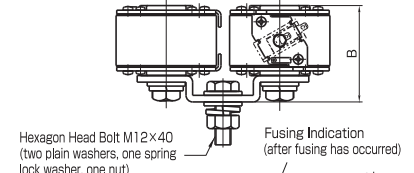
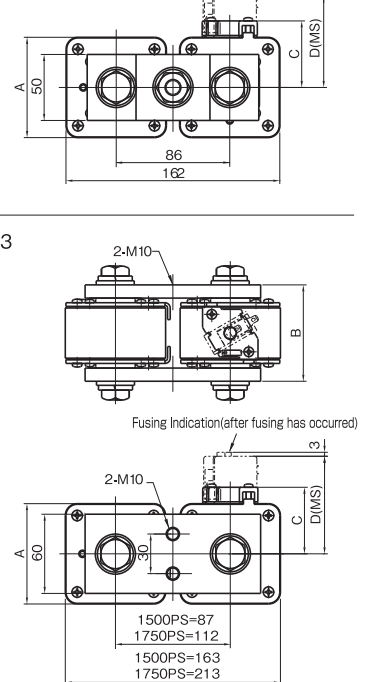
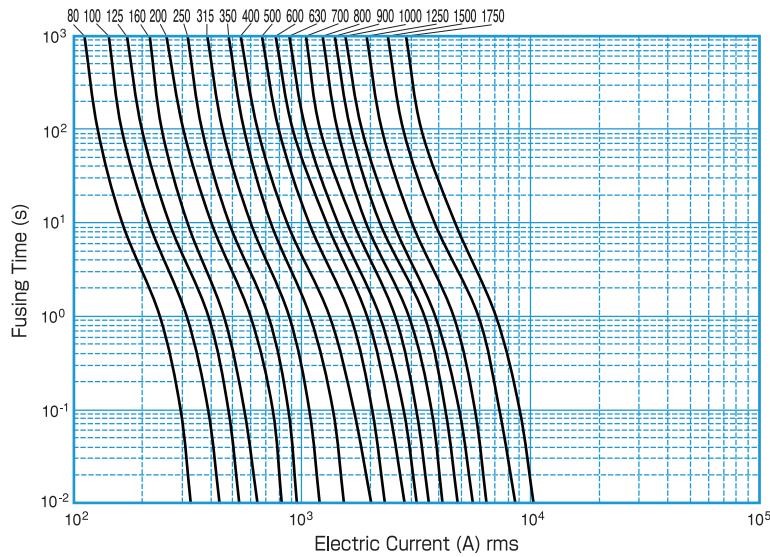


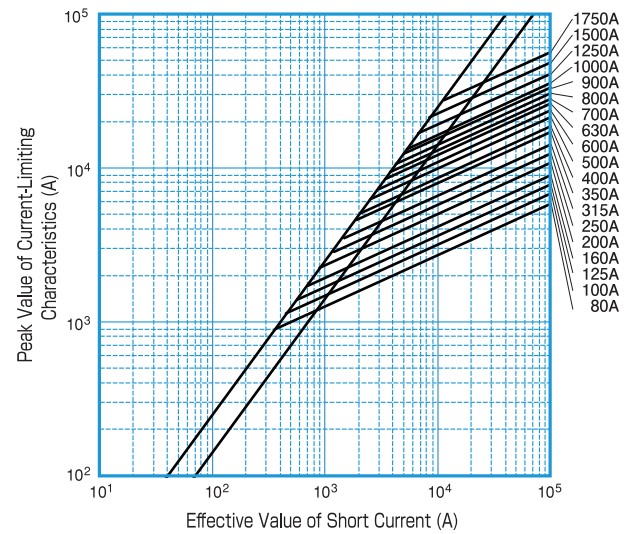
Fig 3



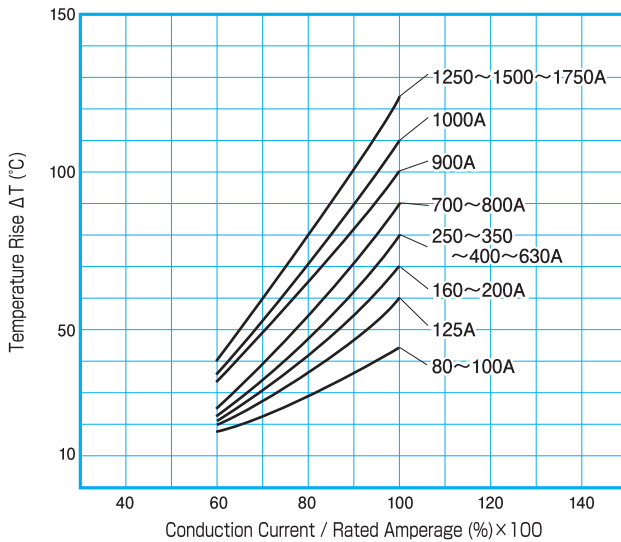
Fusing Characteristics



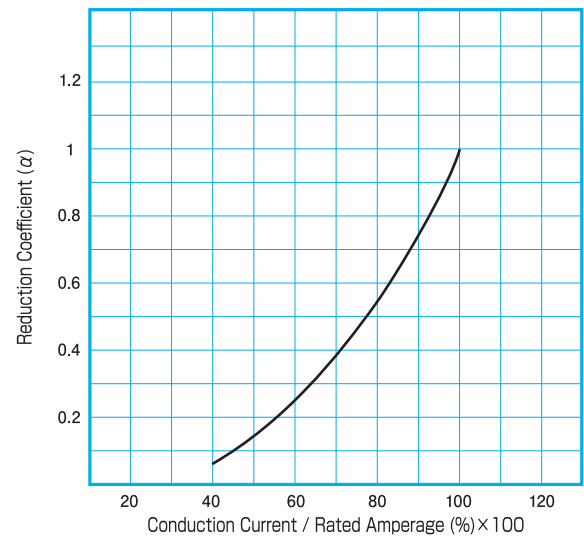
Current-Limiting Characteristics



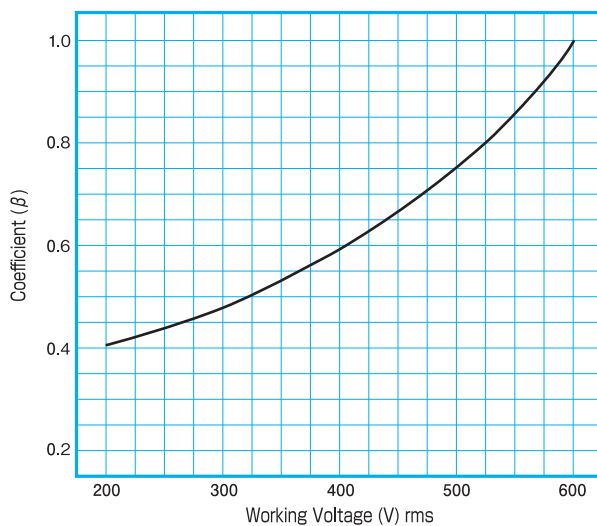
Temperature Rise



Power Loss



Shutdown I^2t Against Working AC Voltage



Application to Direct-Current Circuit

