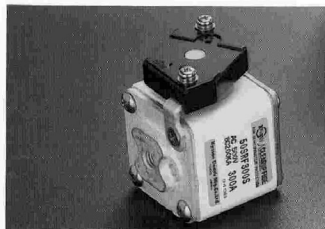
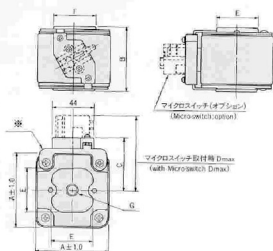


# SRF Series

## ■外形寸法 Dimensions



※印の金具形状は形式により一部異なります。 Dimension of the metal attachment marked ※ is partially different depending on each type.

形式 Type	寸法/Dimensions (mm)							質量 Weight (g)
	A	B	C	D	E	F	G	
50SRF75S-300S	46	52	40	63	25	25	M8-Depth7	370
50SRF350S-400S	56	52	45	68	32	28	M10-Depth9	530
50SRF500S-600S	66	52	50	73	38	34	M10-Depth9	770
50SRF800S	76	52	55	78	44	44	M12-Depth11	1050
70SRF200S	46	66	40	63	25	25	M8-Depth7	430
70SRF300S-350S	56	66	45	68	32	28	M10-Depth9	640
70SRF400S-500S	66	66	50	73	38	34	M10-Depth9	920

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## ■ 定格・性能 Rating Performance

形式 Type	定格電圧 Rated Voltage ※1	定格電流 Rated Current In (A)	遮断容量 Breaking Capacity	動作過電圧 Operating Over Voltage (V)	溶断 I <sup>2</sup> t Pre-arcing I <sup>2</sup> t (A <sup>2</sup> S) ※2	全遮断 I <sup>2</sup> t Operating I <sup>2</sup> t (A <sup>2</sup> S)	電力損失 Power Loss (W) ※3	
					※2	at 500VAC	0.8In	1.0In
◇ 50SRF75S	500VAC 〔500VDC〕 〔L/R < 5mS〕	75	200kA at 500VAC	max 1100V	420	3,000	5	9.5
◇ 50SRF100S		100			750	4,600	7	13
◇ 50SRF150S		150			1,700	10,000	11	20
50SRF200S		200			3,000	18,000	15	29
50SRF250S		250			4,700	28,000	18	36
50SRF300S		300			8,500	54,000	20	39
50SRF350S		350			10,500	67,000	24	47
50SRF400S		400			16,000	100,000	26	51
50SRF500S		500			23,000	150,000	36	67
50SRF600S		600			42,000	280,000	37	70
50SRF800S	800	84,000	560,000	47	87			
					at 700VAC		0.8In	1.0In
◇ 70SRF200S	700VAC 〔700VDC〕 〔L/R < 5mS〕	200	200kA at 700VAC	max 1500V	4,600	21,000	20	37
◇ 70SRF300S		300			10,500	61,000	27	57
70SRF350S		350			15,000	88,000	30	59
70SRF400S		400			23,000	132,000	33	61
70SRF500S		500			42,000	245,000	38	72

※1 △ [危険] 直流回路使用の場合は、回路時定数、または遮断条件により使用電圧の低減が必要です。

また短絡保護領域以外の小過電流(400%以下)領域付近での直流遮断は、遮断条件によっては遮断不能で誘発、または焼損する危険があります。他の保護装置との併用使用をお願いします。

※2 溶断I<sup>2</sup>tは放熱を無視できる領域での計算値を示す。

※3 規定の標準接続導体を接続、定格電流を通過し温度飽和時の電力損失値を示す。

※4 ◇印は受注生産品。

※1 △ In case of use in DC circuit, condition of the circuit, i.e. voltage and time-constant should not exceed the catalog values.

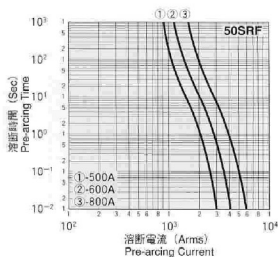
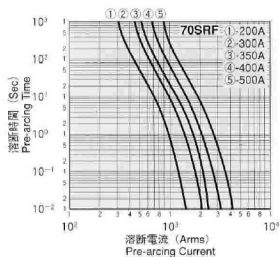
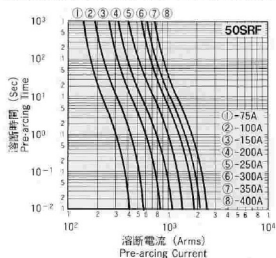
Use in range of minute overcurrent (less than 400%) for protection of circuit with other protecting means of serial operating device.

※2 The pre-arcing I<sup>2</sup>t shows the calculated values in the range in which heat radiation is able to be neglected.

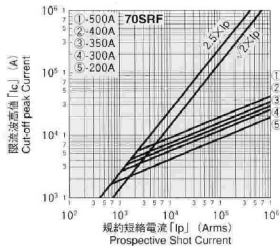
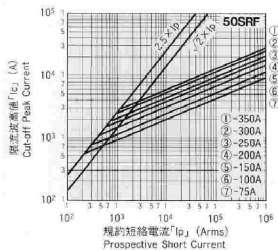
※3 The value of loss shows the one measured when the rated current is carried and the fuse temperature is saturated, under the condition that the ordained connection conductor is connected.

※4 ◇ mark types are made to order.

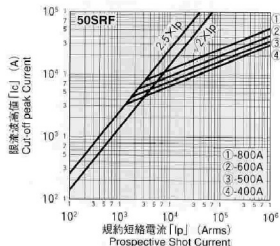
### ■ 溶断特性 Pre-arcing Time-Current Characteristics



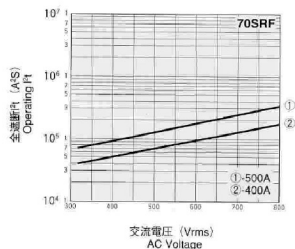
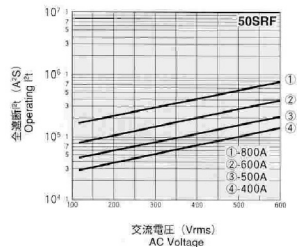
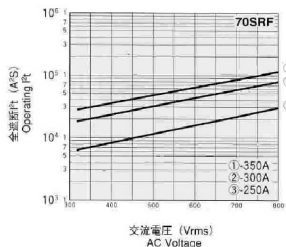
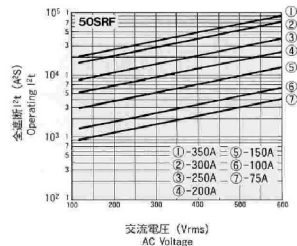
### ■ 限流特性 Cut-off Current Characteristics



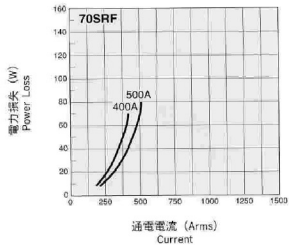
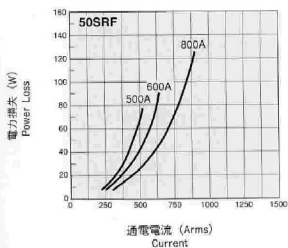
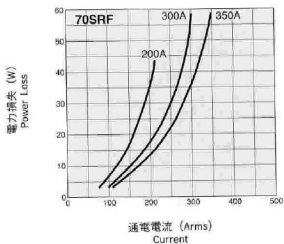
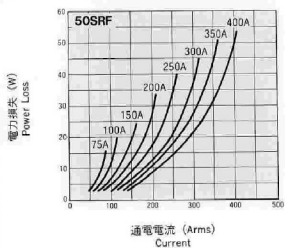
■限流特性 Cut-off Current Characteristics



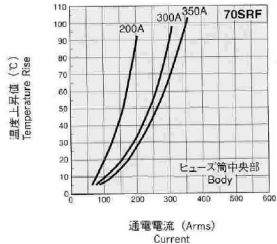
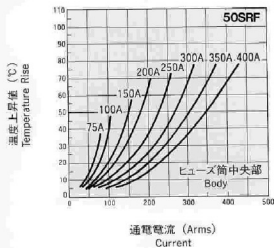
■交流遮断特性 AC Breaking Characteristics



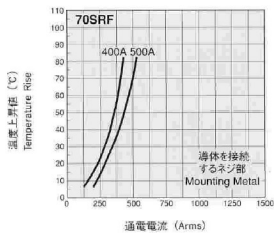
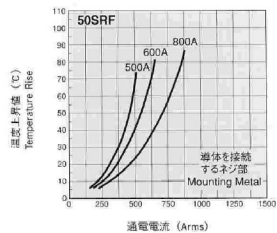
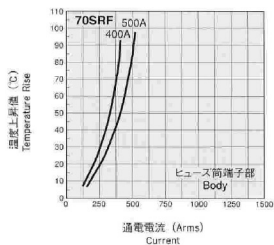
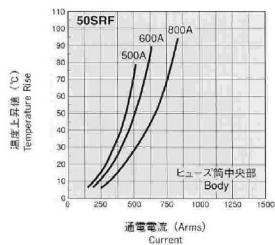
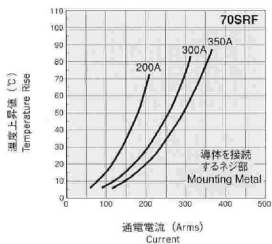
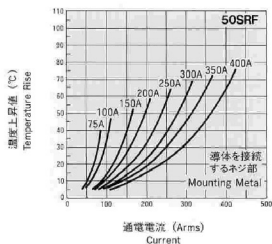
■電力損失特性 Power Loss Characteristics



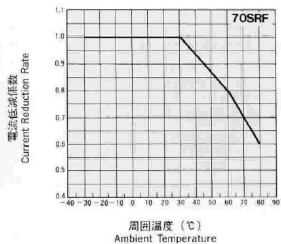
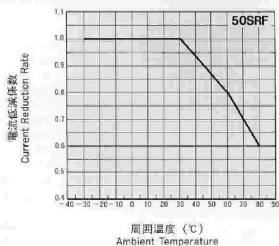
■温度上昇特性 Temperature Rise Characteristics



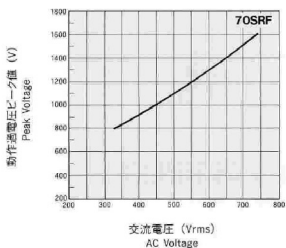
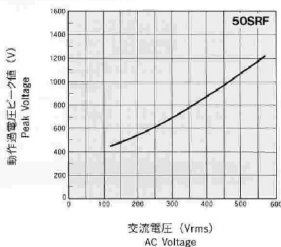
■温度上昇特性 Temperature Rise Characteristics



### ■電流低減係數 Current Reduction Rate



### ■動作過電圧 Operating Over Voltage



### ■直流遮断回路時定数(L/R)特性 DC Breaking Characteristics

