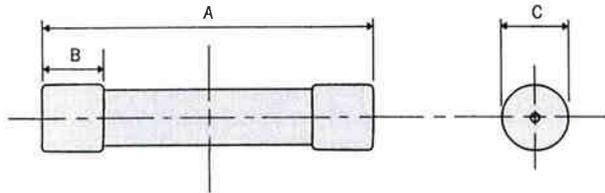


# PFF Series

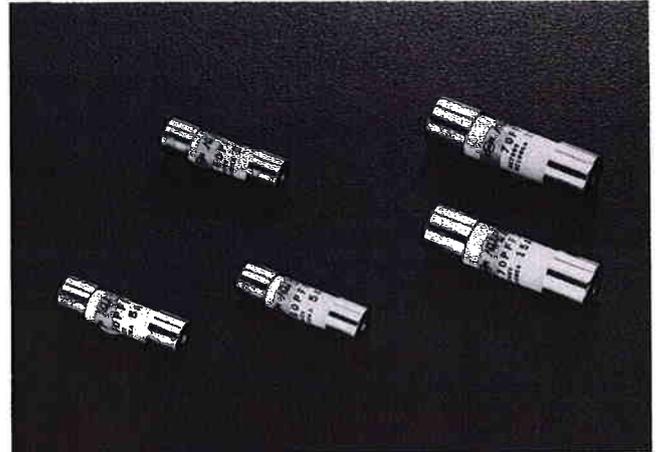
UL 認証品 UL Recognized  
UL248-1

## ■外形寸法 Dimensions



(mm)

形式 Type	A	B	C	ヒューズホルダ
60PFF	38	9.5	10.3	FU-30
70PFF	51	12.7	14.3	FH-30



## ■定格・性能 Rating Performance

UL : FILE NO. E153166

形式 Type	定格電圧 Rated Voltage ※1	定格電流 Rated Current In (A)	遮断容量 Braking 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		質量 Weight (g)
						at AC600V	0.8In	1.0In		
60PFF5U	AC600V / DC660V at Overload 400% Time-constant ≤ 5mS	5	10kA at AC600V	max 1300V at AC600V	1.4	50	0.4	0.7	9	
60PFF10U		10			5.5	140	0.9	1.5		
60PFF15U		15			12.5	250	1.7	3.2		
60PFF20U		20			22.0	370	2.2	4.3		
60PFF25U		25			50.0	640	2.6	5.0		
60PFF30U		30			88.0	960	2.7	5.1		
						at AC700V	0.8In	1.0In		
70PFF5U	AC600V / DC800V at Overload 400% Time-constant ≤ 5mS	5	10kA at AC600V	max 1500V at AC700V	1.4	50	0.8	1.1	25	
70PFF10U		10			5.5	135	1.6	2.6		
70PFF15U		15			12.5	240	2.6	4.5		
70PFF20U		20			22.0	360	3.7	6.0		
70PFF25U		25			50.0	640	3.9	6.6		
70PFF30U		30			88.0	980	3.8	6.8		

※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爆発、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は放熱を無視出来る領域での計算値を示す。

※3 ヒューズホルダに装着、定格電流を通電し温度飽和時の電力損失値を示す。

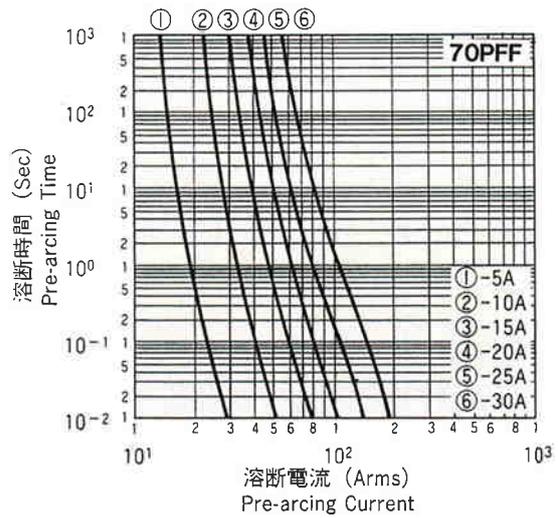
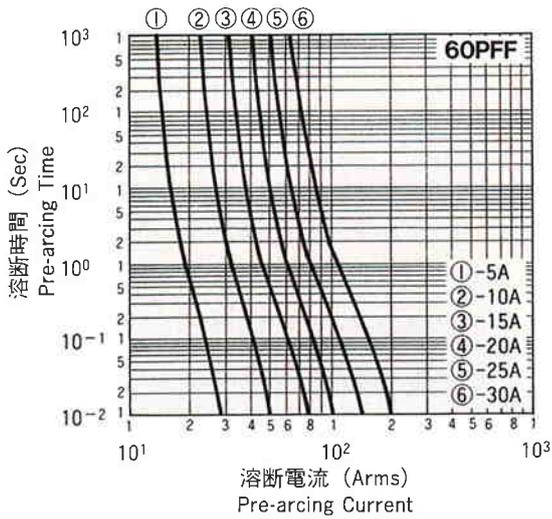
※1 ⚠ In case of use in DC circuit, condition of the circuit, i.e. voltage and time-constant should not exceed the catalog values.

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

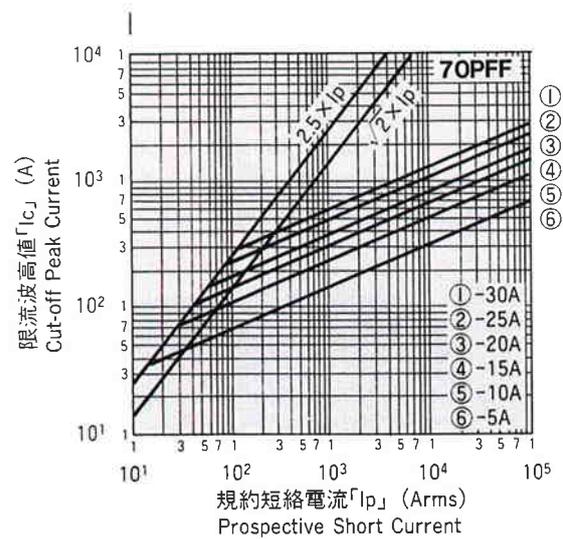
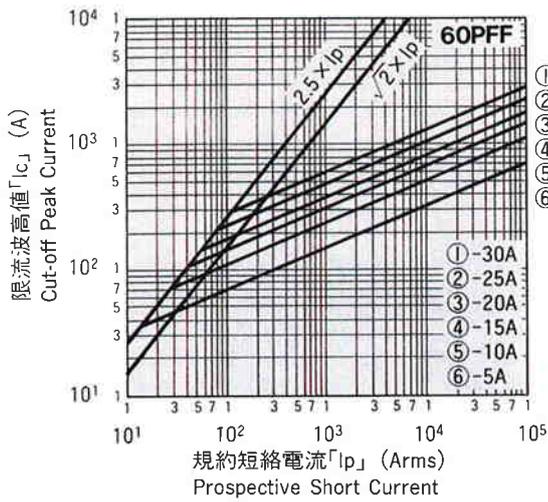
※2 The pre-arcing I<sup>2</sup>t shows the calculated values in the range in which heat radiation is able to be neglected.

※3 The power loss shows the measured values of fuse with a holder (clip-type without cover) at saturated temperature.

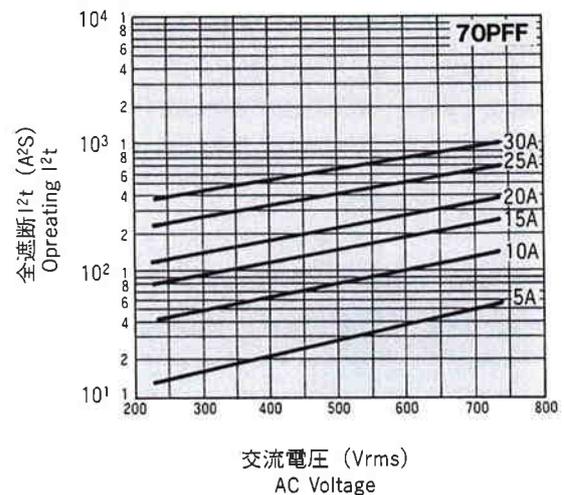
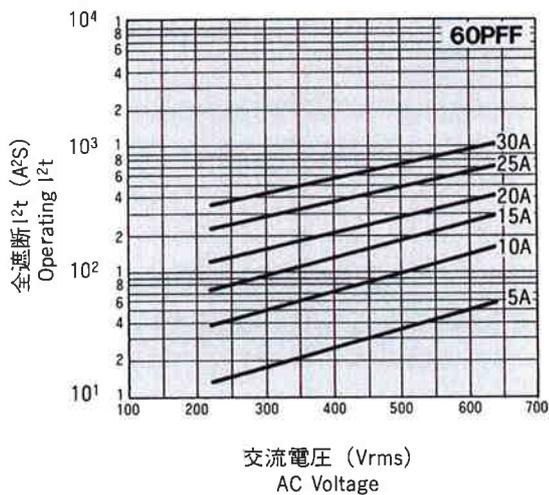
## ■ 熔断特性 Pre-arcing Time-Current Characteristics



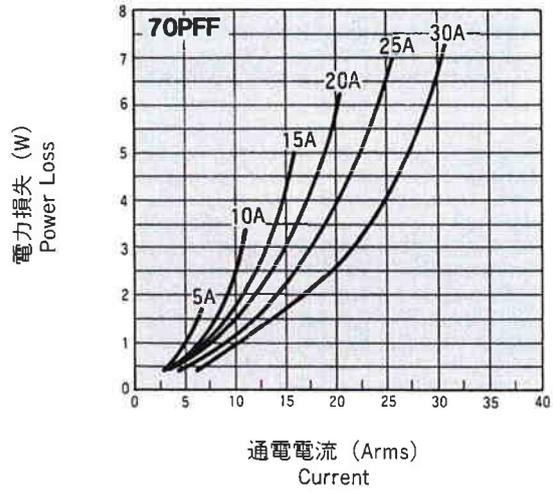
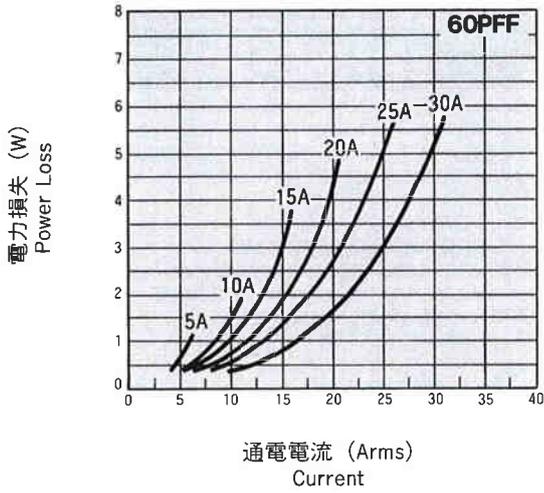
## ■ 限流特性 Cut-off Current Characteristics



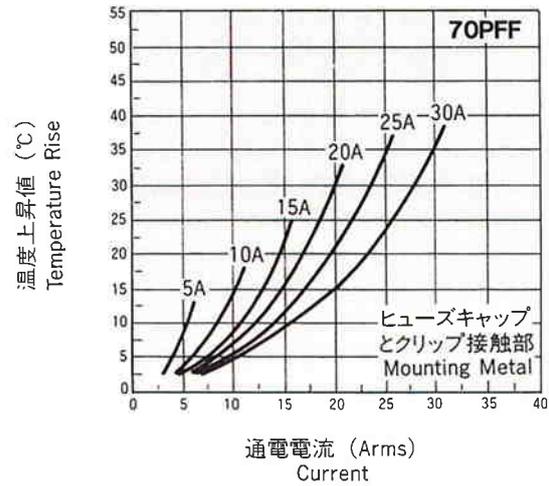
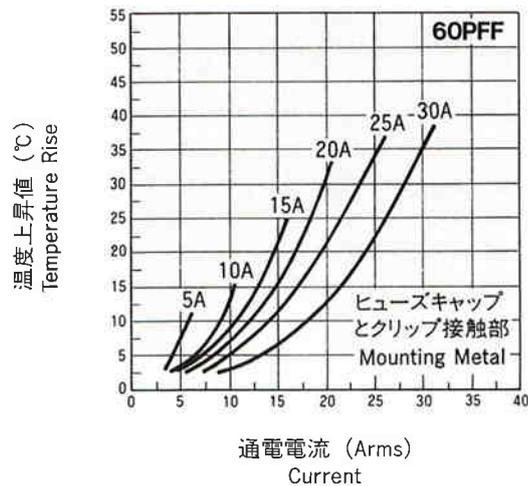
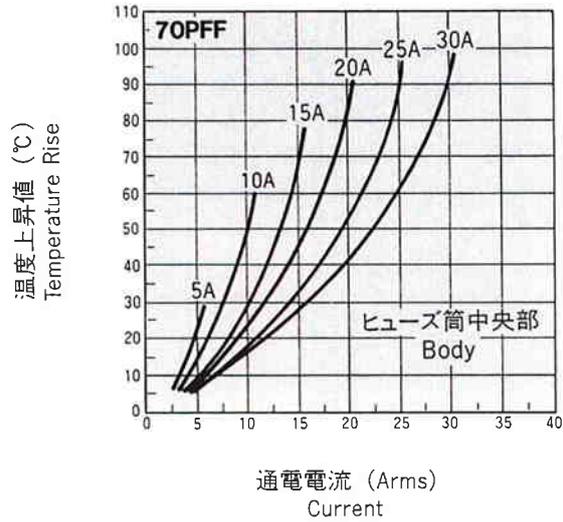
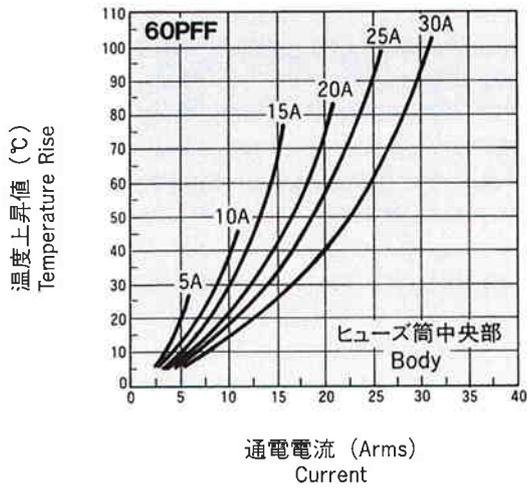
## ■ 交流遮断特性 AC Breking Characteristics



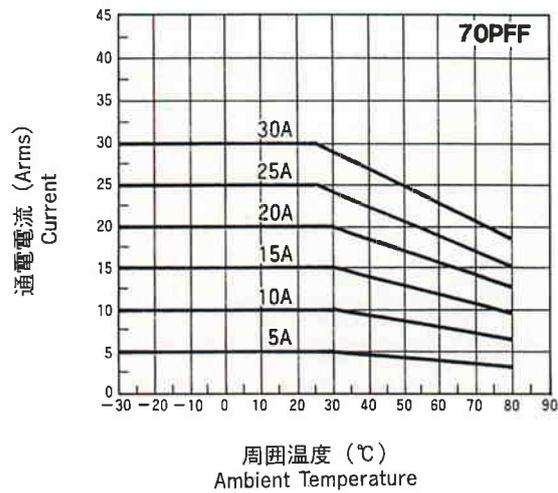
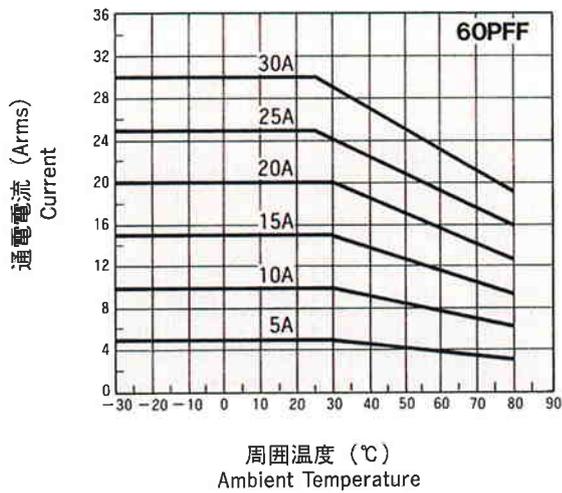
## ■電力損失特性 Power Loss Characteristics



## ■温度上昇特性 Temperature Rise Characteristics



## ■通電電流－周囲温度特性 Current-Ambient Temperature Characteristics



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

