

K6F/K6F-R

10Ø x 38 mm

Over current protection in solar system



Agency Approvals

Agency	Ampere Rating
Certified products for U.S. and Canada	6A - 30A
TUV	15A - 30A
CQC	15A - 30A

Electrical Characteristics

Ampere Rating	Opening Time							
	1 In		1.13 In		1.35 In		2 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
6A - 12A	4 hr	-	-	60 min	-	-	-	120 sec
15A - 30A	4 hr	60 min	-	60 min	-	60 min	-	240 sec

Interrupting Rating: 6A-12A

UL248-14	100,000 amperes at 600V AC 100,000 amperes at 600V DC
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Interrupting Rating: 15A-30A

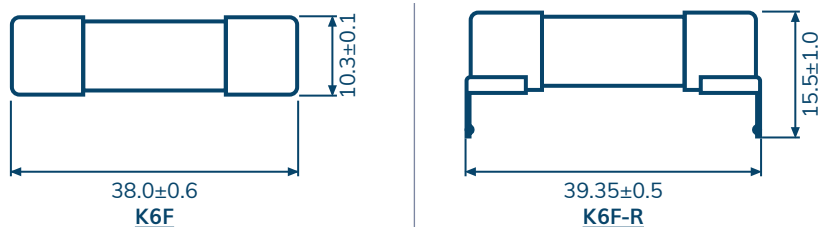
UL248-14	150,000 amperes at 600V AC 50,000 amperes at 600V DC
UL248-19	50,000 amperes at 600V DC
IEC60269-6 GB / T13539.6	10,000 amperes at 600V DC

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Watts Loss 70% In (W)	Watts Loss 100% In (W)	Nominal Melting I ² t (A ² sec.)
K6F/K6F-R 006	6A	600V	0.0268	1.05	2.4	50.72
K6F/K6F-R 008	8A		0.0161	1.16	2.64	113.69
K6F/K6F-R 010	10A		0.0118	1.26	2.90	214.80
K6F/K6F-R 012	12A		0.0108	1.7	4.3	258.19
K6F/K6F-R 015	15A		0.0081	2.2	5.4	51.64
K6F/K6F-R 020	20A		0.0049	2.6	6.3	206.48
K6F/K6F-R 025	25A		0.0037	3.1	6.9	1067.18
K6F/K6F-R 030	30A		0.0028	3.5	7.6	1740.00

Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic / Caps: Nickel Plated Copper Alloy / Terminal: Tin Plated Copper

Mechanical Dimensions(mm)



Packaging

Packaging Option	Quantity
Bulk	K6F: 10 pcs / inner box 10 inner box / outside box K6F-R: 50 pcs / set 20 set / box