

KSF/KSF-R

10Ø x 38 mm

Over current protection in solar system



Safety Approvals

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

Interrupting Rating

20,000 amperes at 1000V DC

Product Characteristics

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

Packaging

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



Electrical Characteristics

Ampere Rating	Opening Time							
	1 In	1.13 In	1.35 In		1.45 In		2 In	
	MIN	MIN	MIN	MAX	MIN	MAX	MIN	MAX
15A-30A	4 hr	60 min	-	60 min	-	60 min	-	240 sec

Catalog Number	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Watts Loss 70% In (W)	Watts Loss 100% In (W)	Clearing I²t (A² sec.)
KSF/KSF-R 015	15A	1000V	0.00854	1.24	3.06	365
KSF/KSF-R 020	20A	1000V	0.00505	1.33	3.22	804.3
KSF/KSF-R 025	25A	1000V	0.00396	1.66	4.28	1202
KSF/KSF-R 030	30A	1000V	0.00302	1.78	4.56	2229

Time constant ≤ 2.0 ms at DC test.

(* I²t measured at 20 kA / 1000 Vdc)

Mechanical Dimensions(mm)

