



FEATURES :

- * RoHS, Pb Free
- * Operation Current : 900mA - 9A
- * Maximum Voltage : 30V
- * Temperature Range : -40°C~+85°C

Approvals :

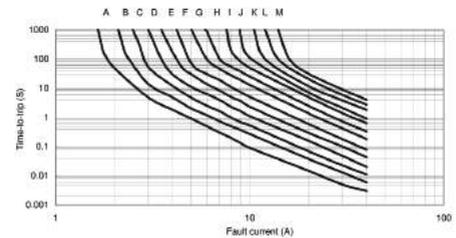
- * UL Recognized; File E211981
- * c-UL Recognized; File E211981
- * TUV; R3-50004084

FRU SERIES

ELECTRICAL CHARACTERISTICS (23°C) :

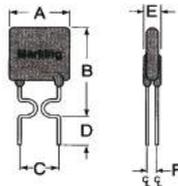
Part Number	Hold Current I _H , A	Trip Current I _T , A	Max. Time To Trip at 5xI _H	Maximum Current I _{MAX} , A	Rated Voltage V _{MAX} , Vdc	Typical Power Pd, W	Resistance Tolerance	
							R _{MIN}	R _{1MAX}
							ohms	ohms
FRU090-30F	0.90	1.80	5.9	40	30	0.6	0.070	0.22
FRU110-30F	1.10	2.20	6.6	40	30	0.7	0.050	0.17
FRU135-30F	1.35	2.70	7.3	40	30	0.8	0.040	0.13
FRU160-30F	1.60	3.20	8.0	40	30	0.9	0.030	0.11
FRU185-30F	1.85	3.70	8.7	40	30	1.0	0.030	0.09
FRU250-30F	2.50	5.00	10.3	40	30	1.2	0.020	0.07
FRU300-30F	3.00	6.00	10.8	40	30	2.0	0.020	0.08
FRU400-30F	4.00	8.00	12.7	40	30	2.5	0.010	0.05
FRU500-30F	5.00	10.00	14.5	40	30	3.0	0.010	0.05
FRU600-30F	6.00	12.00	16.0	40	30	3.5	0.005	0.04
FRU700-30F	7.00	14.00	17.5	40	30	3.8	0.005	0.03
FRU800-30F	8.00	16.00	18.8	40	30	4.0	0.005	0.02
FRU900-30F	9.00	18.00	20.0	40	30	4.2	0.005	0.02

Typical Time-to-trip at 23°C :

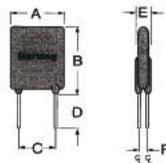


- A = FRU090-30F
- B = FRU110-30F
- C = FRU135-30F
- D = FRU160-30F
- E = FRU185-30F
- F = FRU250-30F
- G = FRU300-30F
- H = FRU400-30F
- I = FRU500-30F
- J = FRU600-30F
- K = FRU700-30F
- L = FRU800-30F
- M = FRU900-30F

DIMENSIONS :



FRU 090-30F ~ FRU 250-30F
Lead Size: 24AWG
Φ 0.51 mm Diameter



FRU 300-30F ~ FRU 900-30F
Lead Size: 20AWG
Φ 0.81 mm Diameter

Part Number	A	B	C	D	E	F
	Maximum	Maximum	Typical	Minimum	Maximum	Typical
FRU090-30F	7.4	12.2	5.1	7.6	3.0	0.9
FRU110-30F	7.4	14.2	5.1	7.6	3.0	0.9
FRU135-30F	8.9	13.5	5.1	7.6	3.0	0.9
FRU160-30F	8.9	15.2	5.1	7.6	3.0	0.9
FRU185-30F	10.2	15.7	5.1	7.6	3.0	0.9
FRU250-30F	11.4	18.3	5.1	7.6	3.0	0.9
FRU300-30F	11.4	17.3	5.1	7.6	3.0	1.2
FRU400-30F	14.0	20.1	5.1	7.6	3.0	1.2
FRU500-30F	14.0	24.9	10.2	7.6	3.0	1.2
FRU600-30F	16.5	24.9	10.2	7.6	3.0	1.2
FRU700-30F	19.1	26.7	10.2	7.6	3.0	1.2
FRU800-30F	21.6	29.2	10.2	7.6	3.0	1.2
FRU900-30F	24.1	29.7	10.2	7.6	3.0	1.2

Thermal Derating Curve, FRU Series

