

FEATURES

- Low profile, Solid State
- Application: Rechargeable battery packs
Lithium cell and battery packs
- Operation Current: 1.9A ~ 7.3A
- Maximum Voltage: 15V&20V
- Temperature Range: -40°C to 85°C

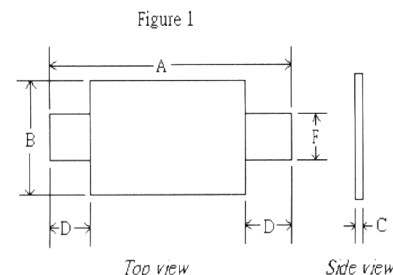
FEATURES

- UL (E211981)
- C-UL (E211981)
- TÜV (R50004084)

ELECTRICAL CHARACTERISTIC (23°C)

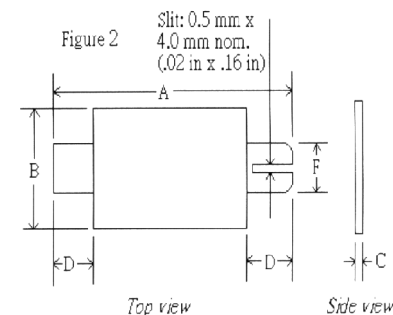
Part Number	Hold Current I _H , A	Trip Current I _T , A	Maximum time to trip at 5xI _H , sec	Maximum Current I _{MAX} , A	Rated Voltage V _{MAX} , Vdc	Typical Power Pd, W	Resistance Tolerance		
							R _{MIN} OHMS	R _{MAX} OHMS	R _{1MAX} OHMS
FLR190F	1.9	3.9	5.0	100	15	1.2	0.039	0.072	0.102
FLR260F	2.6	5.8	5.0	100	15	2.5	0.020	0.042	0.630
FLR380F	3.8	8.3	5.0	100	15	2.5	0.013	0.026	0.370
FLR450F	4.5	8.9	5.0	100	20	2.5	0.011	0.020	0.028
FLR550F	5.5	10.5	5.0	100	20	2.8	0.009	0.016	0.022
FLR600F	6.0	11.7	5.0	100	20	2.8	0.007	0.014	0.019
FLR730F	7.3	14.1	5.0	100	20	3.3	0.006	0.012	0.015

I_H=Hold current-maximum current at which the device will not trip at 23°C still air.
 I_T=Trip current-maximum current at which the device will always trip at 23°C still air.
 V_{MAX}=Maximum voltage device can withstand without damage at its rated current.
 I_{MAX}=Maximum fault current device can withstand without damage at rated voltage (V_{MAX}).
 Pd=Typical power dissipated from device when in the tripped state in 23°C still air environment.
 R_{MIN}=Minimum device resistance at 23°C.
 R_{1MAX}=Maximum device resistance at 23°C, 1 hour after tripping.
 Physical specifications:
 Lead materials: 0.13mm nominal thickness, quarter-hard nickel.
 Insulating material: Polyester tape.

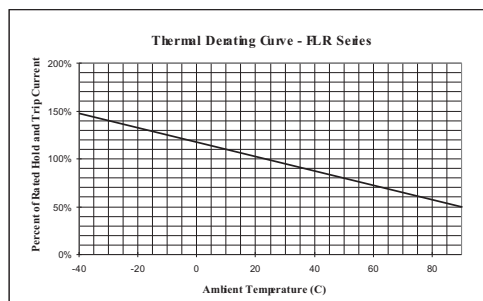


FLR PRODUCT DIMENSIONS (MILLIMETERS)

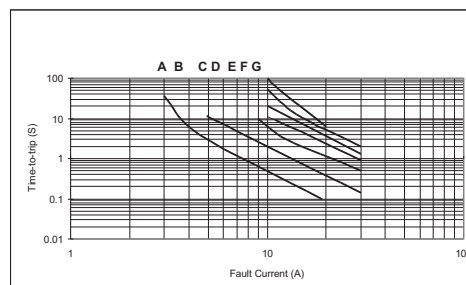
Part Number	Fig	A		B		C		D		F	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
FLR190F	1	19.9	22.1	4.9	5.5	0.6	1.0	5.5	7.5	3.9	4.1
FLR260F	1	20.9	23.1	4.9	5.5	0.6	1.0	4.1	5.5	3.9	4.1
FLR380F	1	24.0	26.0	6.9	7.5	0.6	1.0	4.1	5.5	4.9	5.1
FLR450F	1	24.0	26.0	9.9	10.5	0.6	1.0	5.3	6.7	5.9	6.1
FLR550F	1	35.0	37.0	6.9	7.5	0.6	1.0	5.3	6.7	4.9	5.1
FLR600F	1	24.0	26.0	13.9	14.5	0.6	1.0	4.1	5.5	5.9	6.1
FLR730F	1	27.1	29.1	13.9	14.5	0.6	1.0	4.1	5.5	5.9	6.1



THERMAL DERATING CURVE



TYPICAL TIME-TO-TRIP AT 23°C



- A = FLR190
- B = FLR260
- C = FLR380
- D = FLR450
- E = FLR550
- F = FLR600
- G = FLR730

NOTE: All Specification subject to change without notice.