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SEMIFUSE® SFLR Series PTC Fuses

Our SFLR series PTC fuse provides reliable non-cycling protection against over-charging and short-circuits. The SFLR PTCs are smaller, have lower resistance and trip faster making them ideal for the latest generation of battery designs.

Characteristics

Agency Approvals; UL, C-UL & TÜV

Part Number	I _{hold} (A)	I _{trip} (A)	V _{max} (Vdc)	I _{max} (A)	P _d ^{max} (W)	Maximum Time to Trip @ 23°C		Resistance @ 23°C		Maximum Dimension (mm)	
						Current (A)	Time (Sec.)	R _{min} (Ω)	R _{1max} (Ω)	A	B
SFLR190F	1.9	3.9	15	100	1.2	9.50	5.0	0.039	0.102	22.1	5.5
SFLR260F	2.6	5.8	15	100	2.5	13.0	5.0	0.020	0.063	23.1	5.5
SFLR380F	3.8	8.3	15	100	2.5	19.0	5.0	0.013	0.037	26.0	7.5
SFLR450F	4.5	8.9	20	100	2.5	22.5	5.0	0.011	0.028	26.0	10.5
SFLR550F	5.5	10.5	20	100	2.8	27.5	5.0	0.009	0.022	37.0	7.5
SFLR600F	6.0	11.7	20	100	2.8	30.0	5.0	0.007	0.019	26.0	14.5
SFLR730F	7.3	14.1	20	100	3.3	36.5	5.0	0.006	0.015	29.1	14.5

Definitions

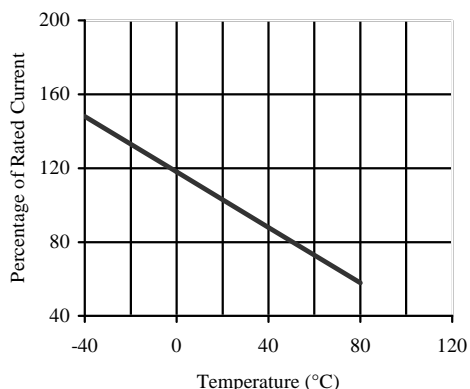
I_{hold} = Hold Current, maximum current device will pass without tripping in still air at 23°C.

I_{trip} = Trip Current, minimum current at which the device will trip in still air at 23°C.

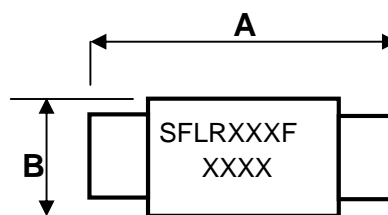
V_{max} = Maximum Voltage device can withstand without damage at rated current (I_{max})

I_{max} = Maximum fault current device can withstand without damage at rated volts (V_{max})

Thermal Derating Curve



Configuration



Dimensions – see above table