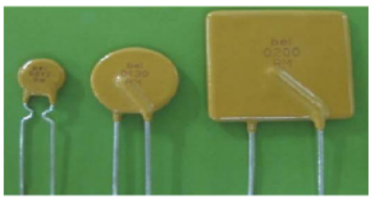
Radial Leaded PTC

0ZRM Series

HF Pb 0ZRM Series Fuse — RoHS 6 Compliant & Halogen-Free



Application

Line Voltage Power Supply , Transformer and Applicances Product

Product Features

Continuous Use at Voltages up to 120Vac/Vdc

Operating (Hold Current) Range

100mA - 3.75A

Temperature Range

-40°C to 85°C

Maximum Operating Voltage

120VAC/VDC

Maximum Interrupt Voltage

135VAC/VDC

Agency Approval

TUV (Std. EN60738-1-1, Cert. R50131685)

UL Component (Std. UL1434, File E305051)

UL Conditions of Acceptability:

1. These devices have been investigated for use in safety circuits and are suitable as a limiting device.
2. These devices have been calibrated to limit the current to 8 amps within 5 seconds, per ANSI/NFPA 70, "National Electrical Code".

LEAD FREE = Pb

HALOGEN FREE = HF

Electrical Characteristics (23℃)

	Part Number (Bulk)	Hold Current IH, A	Trip Current IT, A	Max Time to Trip @ 5xIH Seconds	Max Current Imax, A	Rated Voltage Vmax, Vdc/Vac	Typical Power Pd, W	Resistance Tolerance Rmin Ohms	Rmax Ohms	R1max Ohms	Agency Approvals cULus	TÜV
A	0ZRM0010FF1E	0.10	0.20	10.0	2	120	0.84	3.00	5.00	7.50	Y	Y
B	0ZRM0017FF1E	0.17	0.34	10.0	2	120	0.84	2.00	3.50	7.00	Y	Y
C	0ZRM0020FF1E	0.20	0.40	9.0	2	120	1.08	1.83	3.12	4.40	Y	Y
D	0ZRM0025FF1E	0.25	0.50	7.5	3	120	1.08	1.25	2.13	3.00	Y	Y
E	0ZRM0030FF1E	0.30	0.60	8.5	3	120	1.44	0.88	1.47	2.10	Y	Y
F	0ZRM0040FF1E	0.40	0.80	6.5	3	120	1.44	0.55	0.95	1.29	Y	Y
G	0ZRM0050FF1E	0.50	1.00	6.0	3	120	1.56	0.50	0.85	1.17	Y	Y
H	0ZRM0065FF1E	0.65	1.30	5.7	5	120	1.68	0.31	0.53	0.72	Y	Y
I	0ZRM0075FF1E	0.75	1.50	6.3	5	120	1.80	0.25	0.44	0.60	Y	Y
J	0ZRM0075AF1E	0.75	1.50	15.0	7	120	2.64	0.25	0.39	0.69	Y	Y
K	0ZRM0090FF1E	0.90	1.80	7.2	5	120	1.80	0.20	0.31	0.47	Y	Y
L	0ZRM0100FF1E	1.00	2.00	15.0	10	120	2.64	0.18	0.27	0.47	Y	Y
M	0ZRM0110FF1E	1.10	2.20	8.2	8	120	2.28	0.15	0.28	0.38	Y	Y
N	0ZRM0125FF1A	1.25	2.50	20.0	12.5	120	2.88	0.11	0.18	0.33	Y	Y
O	0ZRM0135FF1A	1.35	2.70	9.6	10	120	2.64	0.12	0.21	0.30	Y	Y
P	0ZRM0135AF1A	1.35	2.70	20.0	13.5	120	3.12	0.11	0.17	0.30	Y	Y
Q	0ZRM0160FF1A	1.60	3.20	11.4	12	120	3.12	0.09	0.16	0.22	Y	Y
R	0ZRM0185FF1A	1.85	3.70	12.6	12	120	3.36	0.08	0.13	0.19	Y	Y
S	0ZRM0200FF1A	2.00	4.20	36.0	20	120	4.32	0.08	0.12	0.21	Y	Y
T	0ZRM0250FF1A	2.50	5.00	15.6	15	120	4.44	0.05	0.08	0.13	Y	Y
U	0ZRM0300FF1A	3.00	6.00	19.8	17	120	4.56	0.04	0.07	0.10	Y	Y
V	0ZRM0375FF1A	3.75	7.50	24.0	20	120	4.80	0.03	0.05	0.08	Y	Y

IH Hold Current-maximum current at which the device will not trip in still air at 23°C.
IT Trip current-minimum current at which the device will always trip in still air at 23°C.
Imax Maximum fault current device can withstand without damage at rated voltage (Vmax).
Vmax Maximum voltage device can withstand without damage at its rated current.
Pd Typical power dissipated by device when in tripped state in 23°C still air environment.
Rmin Minimum device resistance at 23°C.
Rmax Maximum device resistance at 23°C.
R1max Maximum device resistance at 23°C, 1 hour after initial device trip, or after being soldered to PCB in end application.

Specifications subject to change without notice

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