





Features

- Low hold current
- solid state
- Radial leaded product idea for up to 265V_{dc/ac}
- RoHS compliant, Lead-Free and Halogen-Free*

Applications

- Line voltage power supply
- Transformers and appliances
- General Electronics

Agency Approvals

Agency	File Number
	E472196
	pending
Regulation	Standard
	2002/95/EC
	EN14582

Performance					Specification					
Model	V _{max} (V ac/dc)	I _{max} (A)	I _{hold} @25°C (A)	I _{trip} @25°C (A)	P _d Typ. (W)	Maximum Time To Trip		Resistance		
						Current (A)	Time (Sec)	R _{i min} (Ω)	R _{i max} (Ω)	R _{1max} (Ω)
A240-005	240	1.0	0.05	0.12	0.7	0.25	15.0	18.0	31.00	50.0
A240-008	240	1.2	0.08	0.19	0.8	0.40	15.0	7.40	12.00	20.0
A240-012	240	1.2	0.12	0.30	1.0	0.60	15.0	3.00	6.500	12.0
A240-016	240	2.0	0.16	0.37	1.4	0.80	15.0	2.50	4.100	7.80
A240-025	240	3.5	0.25	0.56	1.5	1.25	18.5	1.30	2.100	4.00
A240-033	240	4.5	0.33	0.74	1.7	1.65	21.0	1.20	2.000	3.50
A240-040	240	5.5	0.40	0.90	2.0	2.00	24.0	0.81	1.500	2.50
A240-055	240	7.0	0.55	1.25	3.4	2.75	26.0	0.45	0.730	1.45
A240-065	240	7.0	0.65	1.30	2.8	3.25	20.0	0.40	0.680	1.10
A240-075	240	7.5	0.75	1.50	2.6	3.75	18.0	0.20	0.334	0.60
A240-100	240	10.0	1.00	2.00	2.9	5.00	21.0	0.12	0.180	0.32
A240-125	240	12.5	1.25	2.50	3.3	6.25	23.0	0.10	0.150	0.30
A240-200	240	20.0	2.00	4.00	4.5	10.0	28.0	0.089	0.131	0.22

I_{hold} = Hold Current. Maximum current device will not trip in 25°C still air.

I_{trip} = Trip Current. Minimum current at which the device will always trip in 25°C still air.

V_{max} = Maximum operating voltage device can withstand without damage at rated current (I_{max}). I

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

P_d = Power dissipation when device is in the tripped state in 25°C still air environment at rated voltage. **R_{i min/max}** = Minimum/Maximum device resistance prior to tripping at 25°C.

R_{1max} = Maximum device resistance is measured one hour post reflow.

CAUTION : Operation beyond the specified ratings may result in damage and possible arcing and flame.

Environmental Specifications

Test	Conditions	Resistance change
Passive aging	+85°C, 1000 hrs.	±5% typical
Humidity aging	+85°C, 85% R.H. , 168 hours	±5% typical
Thermal shock	+85°C to -40°C, 20 times	±33% typical
Resistance to solvent	MIL-STD-202, Method 215	No change
Vibration	MIL-STD-202, Method 201	No change

Ambient operating conditions : - 40 °C to +85 °C

Maximum surface temperature of the device in the tripped state is 125 °C