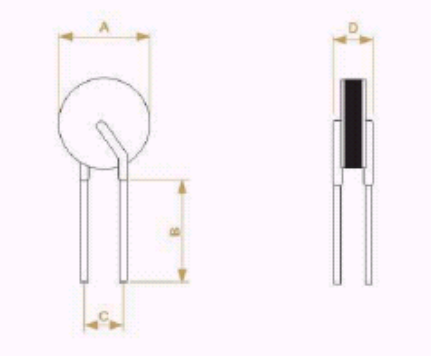
Features

- ☐ Radial leaded devices
- ☐ Typical application in electronic ballast
- ☐ Available in lead-free version
- ☐ Agency Recognition: UL、CSA、TUV

LBR *series* ***R-line devices***

Product Dimensions

Part number	A	B	C	D	Lead
	Max	Min	Typ	Max	Size(ϕ)
LBR200	5.5	7.6	5.1	3.1	0.6
LBR250	7.5	7.6	5.1	3.1	0.6
LBR350	7.5	7.6	5.1	3.1	0.6
LBR550	11.0	7.6	5.1	3.1	0.8
LBR750	11.0	7.6	5.1	3.1	0.8
LBR900	13.0	7.6	5.1	3.1	0.8



* Lead materials: Tin-plate metal wire.
* Lead-free devices are available,
  the right logo is lead-free mark of wayon.

Electrical Characteristics

Part number	I_H	I_T	T_{trip}		V_{max}	I_{max}	Pd_{typ}	R_{min}	R_{max}
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	(W)	(Ω)	(Ω)
LBR200	0.20	0.40	0.60	60	99	20	1.70	1.00	2.50
LBR250	0.25	0.50	0.70	60	99	20	1.75	0.80	2.00
LBR350	0.35	0.75	1.00	60	99	20	1.80	0.60	1.20
LBR550	0.55	1.10	1.60	60	99	20	2.00	0.35	0.90
LBR750	0.75	1.50	2.00	60	99	20	2.50	0.20	0.60
LBR900	0.90	1.80	2.60	60	99	20	3.00	0.10	0.50

I_H=Hold current: maximum current at which the device will not trip at 25℃ still air.

I_T=Trip current: minimum current at which the device will always trip at 25℃ still air.

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

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

T_{trip}=Maximum time to trip(s) at assigned current.

Pd_{typ}=Typical power dissipation: typical amount of power dissipated by the device when in state air environment.

R_{min}=Minimum device resistance at 25℃ prior to tripping.

R_{max}=Maximum device resistance at 25℃ prior to tripping.

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Thermal Derating Chart-$I_{H(A)}$

Part number	Maximum ambient operating temperatures(℃)								
	-40	-20	0	25	40	50	60	70	85
LBR200	0.30	0.26	0.24	0.20	0.16	0.15	0.13	0.10	0.08
LBR250	0.38	0.33	0.28	0.25	0.21	0.18	0.16	0.14	0.10
LBR350	0.54	0.46	0.42	0.35	0.28	0.26	0.23	0.20	0.14
LBR550	0.86	0.76	0.66	0.55	0.46	0.42	0.36	0.31	0.24
LBR750	1.16	1.00	0.92	0.75	0.62	0.56	0.50	0.42	0.30
LBR900	1.42	1.24	1.08	0.90	0.74	0.66	0.58	0.50	0.36

Test Procedures And Requirements

Test	Test Conditions	Accept/Reject Criteria
Resistance	In still air @ 25℃	$R_{min} \leq R \leq R_{max}$
Time to Trip	Specified current, V_{max}, 25℃	T≤maximum Time to Trip
Hold Current	30min, at I_H	No trip
Trip Cycle Life	V_{max}, I_{max}, 100cycles	No arcing or burning
Trip Endurance	V_{max}, 24hours	No arcing or burning

Typical Time–to-Trip Charts at 25℃

A=LBR200

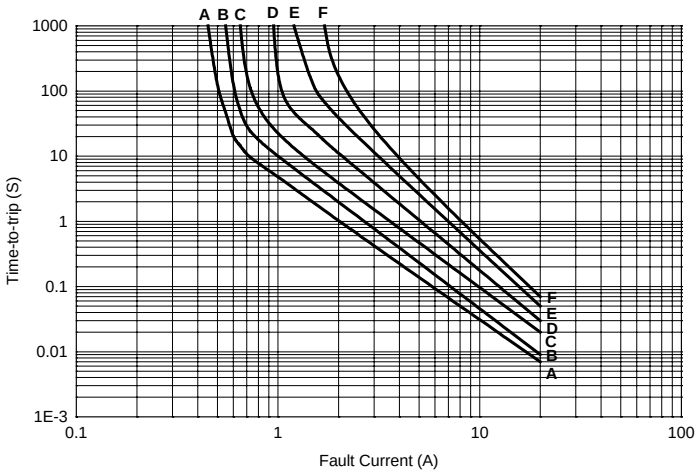
B=LBR250

C=LBR350

D=LBR550

E=LBR750

F=LBR900



Package Information

Bulk:

LBR200~LBR900……1000pcs per bag

Tape & Reel:

LBR200~LBR900……1500pcs per reel

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