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# Polymer PTC Devices

R-line resettable fuses E-mail: market@way-on.com

#### Shanghai Wayon Thermo/Electro Materials Co.,Ltd.

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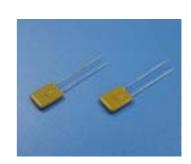
Http://www.way-on.com



### LB600LV

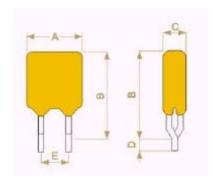
#### **Features**

- □ Radial leaded devices
- Designed for use in line voltage applications, permitting maximum voltages of up to 265 VAC
- □ Protecting against both overcurrent and overtemperature faults on the primary side of power supplies and transformers
- □ Available in lead-free version
- □ Recognition: UL、CSA、TUV is pending

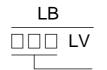


#### **Product Dimensions (mm)**

Part number -	Α	В	С	D	E	Lead
	Max	Max	Max	Min	Тур	Size( )
LB600LV	11.5	19.5	5.1	7.6	3.8	0.6



#### Marking system



Product family

Current rating

- \* 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 <sub>H</sub>	I <sub>T</sub> T <sub>trip</sub>		p	V <sub>max</sub> interrupt	I <sub>max</sub>	$R_{min}$	R <sub>max</sub>
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	( )	( )
LB600LV	0.60	1.35	3.00	36.0	265	5.5	0.4	0.7

I<sub>H</sub>=Hold current: maximum current at which the device will not trip at 25 still air.

I<sub>T</sub>=Trip current: minimum current at which the device will always trip at 25 still air.

T<sub>trip</sub>=Maximum time to trip(s) at assigned current.

V<sub>max</sub>=Maximum voltage device can withstand without damage at rated current.

I<sub>max</sub>=Maximum fault current device can withstand without damage at rated voltage.

R<sub>min</sub>=Minimum device resistance at 25 prior to tripping.

R<sub>max</sub>=Maximum device resistance at 25 prior to tripping.

#### Thermal Derating Chart-I<sub>H</sub>(A)

Part number	Maximum ambient operating temperatures( )								
	-40	-20	0	25	40	50	60	70	85
LB600LV	1.05	0.90	0.75	0.60	0.48	0.42	0.36	0.30	0.21

## **Package Information**

Bulk: 1000pcs per bag; Tape & Reel: 3000pcs per reel.