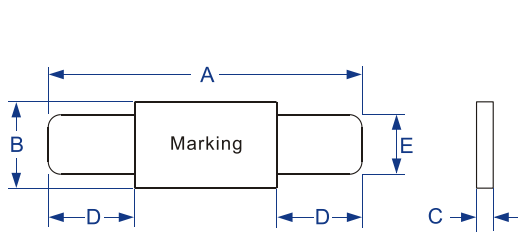


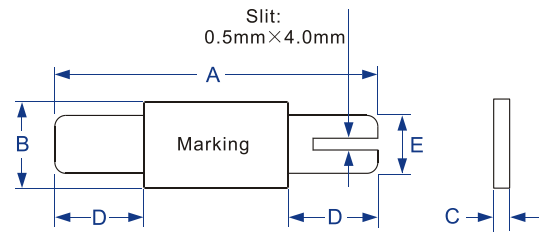


■ Product Dimensions(mm)

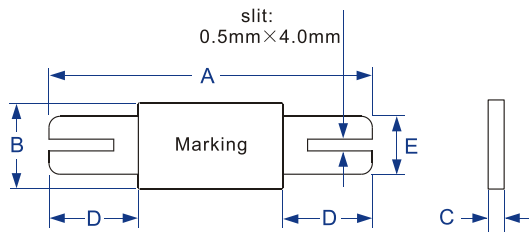
Part Number	A Typ.	B Typ.	C Typ.	D Typ.	E Typ.
LV 170	21	3.8	0.8	5.0	3.2
LV 210	21	3.8	0.8	5.0	3.2
LV 230	22	5.3	0.8	5.0	4.0



Standard style

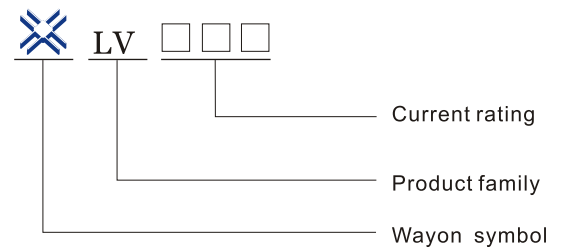


“S” style



“SS” style

■ Part Marking System



※Lead material:nickel.

※Insulating material:polyester tape.

■ Test Procedures And Requirements

Test	Test Conditions	Accept/Reject Criteria
Resistance	In still air @ 25°C	$R_{min} \leq R \leq R_{max}$
Time to Trip	Specified current, V_{max} , 25°C	$T \leq \max. \text{ Time to trip}(T_{trip})$
Hold Current	30 min, at I_H	No trip
Trip Cycle Life	V_{max} , I_{max} , 100cycles	No arcing or buring
Trip Endurance	V_{max} , 24hours	No arcing or buring

Electrical Characteristics

Part Number	I_H (A)	I_T (A)	T_{trip} Current(A) Time(S)	V_{max} (V)	I_{max} (A)	R_{min} (Ω)	R_{max} (Ω)
LV 170	1.70	3.40	8.5 5.0	12	100	0.018	0.032
LV 210	2.10	3.60	10.0 5.0	12	100	0.018	0.030
LV 230	2.30	4.20	10.0 4.0	12	100	0.012	0.018

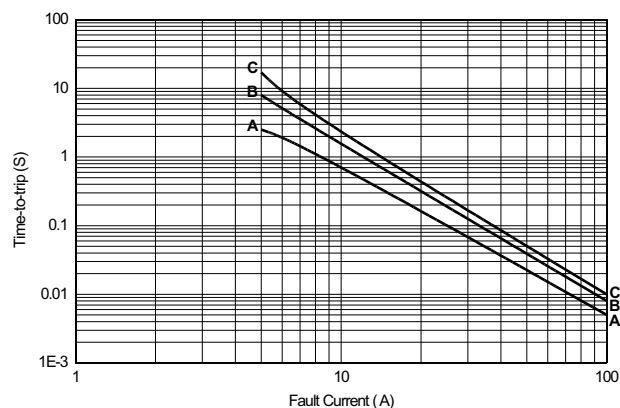
- I_H =Hold current:maximum current at which the device will not trip at 25°C still air.
- I_T =Trip current:minimum current at which the device will always trip at 25°C still air.
- T_{trip} =Maximum time to trip(s) at assigned current.
- V_{max} =Maximum voltage device can withstand without damage at rated current.
- I_{max} =Maximum fault current device can withstand without damage at rated voltage.
- R_{min} =Minimum device resistance at 25°C prior to tripping.
- R_{max} =Maximum device resistance at 25°C prior to tripping.

Thermal Derating Chart- I_H (A)

Part Number	Maximum ambient operating temperatures(°C)							
	-40	-20	0	25	40	50	60	70
LV 170	3.30	2.80	2.30	1.70	1.10	0.90	0.60	0.30
LV 210	4.10	3.40	2.80	2.10	1.40	1.10	0.80	0.40
LV230	4.50	3.80	3.10	2.30	1.50	1.20	0.80	0.50

Typical Time-to-Trip Charts at 25°C

A=LV170
B=LV210
C=LV230



Agency Recognition

UL、CSA.....Pending
TUVPending

Package Information

Bulk:

- LV170~LV230.....1000pcs per bag