Thermal Fuse Series

KLS5-KSD301 Thermal Fuse Series

SPECIFICATION:

Electrical Rating:
10A 250V AC (Resistive Load)
15A 250V AC (Resistive Load)
Operating Temp:50~175°C(UL.CUL 205°C)
Differential:10~30K(15K Standard)
Temp Tolerance:Operating Temp ±3K ±5K
Heat Durability:220°C Max.(PPS)
Contact Resistance: 50mΩ Max.
Insulation Resistance: 100MΩ Min.at DC500V
Dielectric Strength:AC 1000V for One Minute.
Operating Life:100000 Cycles(10A 250V)
10000 Cycles(15A 250V AC)

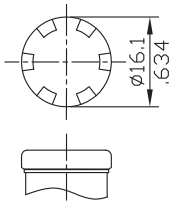
Contact Type :

A = Contact Opens When Temperature Rises to Set Point (Normally Closed)

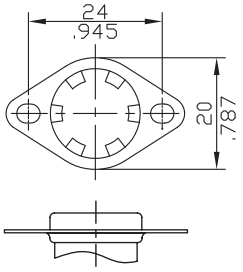
B = Contact Closes When Temperature Rises to Set Point (Normally Open)

Bracket Type:

- FIXED BRACKET
  * STAINLESS STEEL CAP : D,DL,V,T TYPE

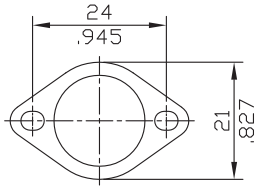


C TYPE



B TYPE

- LOOSE BRACKET
  * STAINLESS STEEL CAP : U TYPE



0 TYPE

ORDER INFORMATION

Product NO.: KLS5-KSD301-A-110 C D 1 B

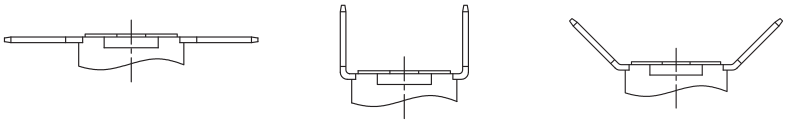
- Series No.
- Contact type
- Operating Temp
- Bracket Type
- Terminal Orientation
- Terminal Size
- Base Material: B : Bakelite C : Ceramic

Thermal Fuse Series

KLS5-KSD301 Thermal Fuse Series

V

Terminal Orientation:

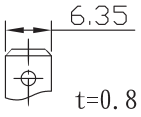


F TYPE (0°)

R TYPE (90°)

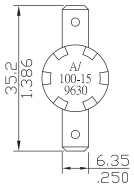
T TYPE (45°)

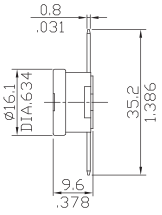
Terminal Size:



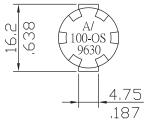
TYPE **1**

KSD301A-CF1

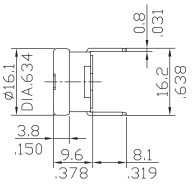




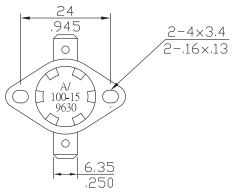
KSD301A-CR1

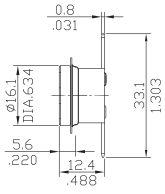


Reset below -35℃



KSD301A-BF1





ORDER INFORMATION

Product NO.: KLS5-KSD301-A-110 C D 1 B

- Series No.
- Contact type
- Operating Temp
- Bracket Type
- Base Material: B : Bakelite C : Ceramic
- Terminal Size
- Terminal Orientation

Thermal Fuse Series

KLS5-KSD301 Thermal Fuse Series

Action and Reset temperature

Action temperature	Reset temperature	Action temperature	Reset temperature
45±5℃	40±6℃	130±5℃	100±15℃
50±5℃	43±6℃	135±5℃	105±15℃
55±5℃	45±6℃	140±5℃	110±15℃
60±5℃	50±6℃	145±5℃	115±15℃
65±5℃	50±6℃	150±5℃	120±15℃
70±5℃	50±6℃	155±5℃	125±15℃
75±5℃	55±6℃	160±5℃	130±15℃
80±5℃	55±6℃	165±5℃	135±15℃
85±5℃	55±6℃	170±5℃	140±15℃
90±5℃	60±6℃	175±5℃	145±15℃
95±5℃	65±6℃	180±5℃	150±15℃
100±5℃	75±6℃	185±5℃	160±15℃
105±5℃	80±6℃	190±5℃	165±15℃
110±5℃	80±6℃	200±5℃	170±15℃
115±5℃	85±6℃	210±5℃	175±15℃
120±5℃	90±6℃	215±5℃	180±15℃
125±5℃	95±6℃	220±5℃	185±15℃

The specification can also be manufactured as request.

Test Method:

Sample is connected to the fixture of the equipment,and placed into the test equipment (Hot current of air in the space of test should be equipped with a stirrer and temperature is controllable).A detect current about 10mA(no more then 100mA)is passed through the sample and a thermometer is placed junction to the sample to monitor the opening temperature .The temperature of the test equipment is raised at the rate of 0.5～1℃ per minute until the sample functioned.

ORDER INFORMATION

Product NO.: KLS5-KSD301-A-110 C D 1 B