

# Type K2B

## Thermal Cutoff

### (Temperature rated Fuse)

### 2 Amp Radial Leaded



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(619) 593-5050

#### Ratings:

Ampere Rating: 2A Axial Leaded

Voltage Rating: 250V AC

#### Agency Standards and Listings:



See table below

Part Number	(A) Rated Funct. Temp. $T_F \cdot T_f$ (°C)	(B) Cut-Off Temp. (°C)	(C) Holding Temp. $T_H \cdot T_h \cdot T_C$ (°C)	(D) Max. Temp Limit $T_M \cdot T_m$ (°C)	Electrical Ratings		Agency Approvals	
					Current $I_r$ (A)	Voltage $U_r$ (V)	VDE	CCC
K2B-075	75	72±2	55	160	2A	250V		▪
K2B-085	85	80±2	62	160	2A	250V		▪
K2B-092	92	87±2	65	160	2A	250V		▪
K2B-102	102	98±2	72	180	2A	250V		▪
K2B-105	105	100±2	75	180	2A	250V		▪
K2B-115	115	111±2	80	180	2A	250V	▪	▪
K2B-125	125	121±2	95	180	2A	250V	▪	▪
K2B-130	130	126±2	100	180	2A	250V	▪	▪
K2B-135	135	130±2	105	180	2A	250V		▪
K2B-140	140	135±2	105	180	2A	250V	▪	▪
K2B-145	145	140±2	110	180	2A	250V	▪	▪
K2B-150	150	146±2	115	180	2A	250V	▪	▪

#### Term Explanation:

**(A) - Rated Functioning Temp = ( $T_F \cdot T_f$ )** -The temperature at which a thermal cutoff changes its state of conductivity to open a circuit with detection current of 10mA or less as the only load. The temperature tolerance is +0, -10°C.

**(B) - Cut-off Temp.** = Is the actual operating temp. range when the thermal cut-off is made to operate inside a constant temp. oven whose temp. is raised at the rate of 0.5 to 1°C/min, while a detection current of 10mA or lower is applied.

**(C) - Holding Temp = ( $T_H \cdot T_h \cdot T_C$ )** -The maximum temp. at which a thermal cut-off can be maintained while conducting rated current for 168 hours without functioning.

**(D) - Maximum Temp. Limit = ( $T_M \cdot T_m$ )** -The maximum temp at which mechanical and electrical properties of a thermal cut-off can be maintained for 10 minutes without resuming conductivity after functioning.

**Rated Current = ( $I_r$ )** -Rated current is the maximum current that thermal cut-offs allow to carry and are able to cut-off the circuit in safety.

**Rated Voltage = ( $U_r$ )** -Rated voltage is the maximum voltage that is allowed to apply to the circuit in which the thermal cut-off is used.

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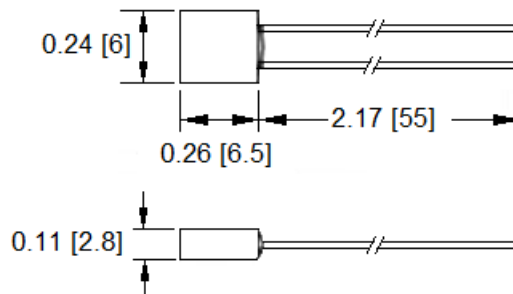
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**Material:**

**Body:** Plastic Housing

**Lead Wires:** Tin plated Copper

**Mechanical Dimensions: Inches [mm]**



**Warning:**



-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.

-Device are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.

-Avoid contact of device with chemical solvent. Prolonged contact will damage the device performance.

Note: All specifications subject to change without notice.

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