

# Type K15B Thermal Cutoff (Temperature rated Fuse) 15 Amp Axial Leaded



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(619) 593-5050

## Ratings:

Ampere Rating: 15A Axial Leaded

Voltage Rating: 250V AC

Part Number	(A) Rated Funct. Temp. $T_F \cdot T_r$ (°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	
					Current $I_r$ (A)	Voltage $U_r$ (V)
K15B-066	66	62±2	42	130	15A	250V
K15B-072	72	70±2	45	150	15A	250V
K15B-077	77	75±2	55	120	15A	250V
K15B-084	84	80±2	60	150	15A	250V
K15B-093	93	90±2	66	150	15A	250V
K15B-094	94	92±2	66	150	15A	250V
K15B-099	99	97±2	71	150	15A	250V
K15B-105	105	103±2	80	150	15A	250V
K15B-110	110	108±2	88	140	15A	250V
K15B-113	113	108±2	88	150	15A	250V
K15B-121	121	119±2	94	150	15A	250V
K15B-128	128	126±2	106	155	15A	250V
K15B-133	133	131±2	104	159	15A	250V
K15B-139	139	137±2	117	170	15A	250V
K15B-142	142	140±2	114	159	15A	250V
K15B-152	152	149±2	128	176	15A	250V
K15B-157	157	154±2	127	172	15A	250V
K15B-167	167	165±2	146	190	15A	250V
K15B-172	172	170±2	144	189	15A	250V
K15B-184	184	182±2	160	214	15A	250V
K15B-192	192	189±2	164	300	15A	250V
K15B-198	198	196±2	170	250	15A	250V
K15B-216	216	213±2	189	350	15A	250V
K15B-228	228	225±2	190	300	15A	250V
K15B-240	240	234±2	190	350	15A	250V

## Term Explanation:

(A) - **Rated Functioning Temp** = ( $T_F \cdot T_r$ ) -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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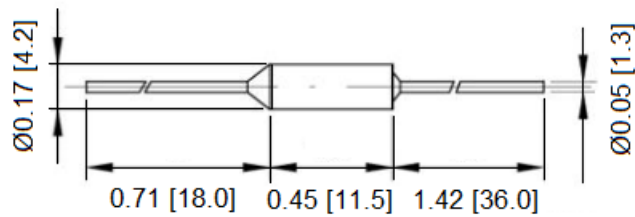
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**Material:**

**Body:** Silver plated Brass

**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.