



Thermal-Link (OTCO)-Organic Type

RT Series /r: 15A/16A



Description

Organic Thermal-Link (OTCO) is defined as a non-resettable protective device, functioning one time only. It mainly consists of metal case, spring, sliding contact and thermal pellet. When the Thermal-Link senses abnormal heat and temp. reaches the predetermined fusing temp., thermal pellet melts and the sliding contact separates from the isolated lead with the assistance of the trip spring, thereby the circuit is disconnected

Organic Thermal-Link (OTCO) RT series Rated Functioning Temp. from 72 °C to 263 °C, Rated Current: 15 A/ 16 A, safety certification Includes UL, cUL, PSE, VDE, KC, CCC, and complies with RoHS and REACH.

Features

- High Accuracy of Functioning Temp.
- Non-Resettable
- Organic Thermal Pellet
- Metal Case
- Low Resistance
- RoHS & REACH Compliant

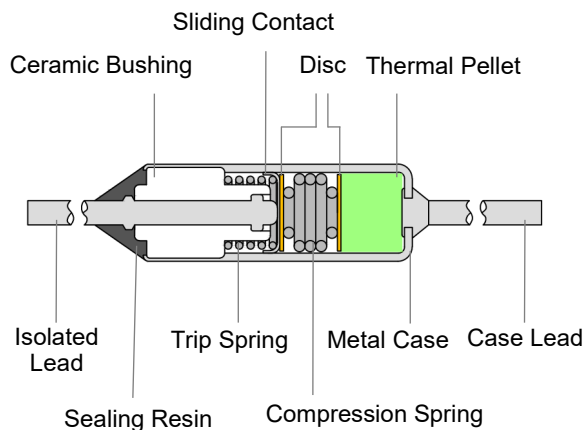
Applications

- Small Home Appliances
- Comfort Home Appliances
- Personal Care Appliances
- Commercial Appliances
- Automobile Field

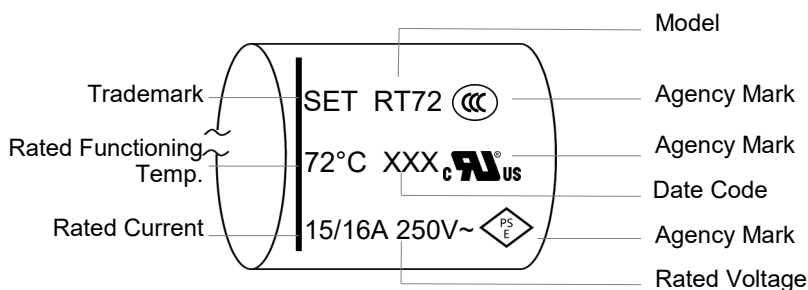
Customization

- Other Temp.
- The Length of Lead Wires
- Taping Packing Available
- Leads Forming Types

Structure Diagrams

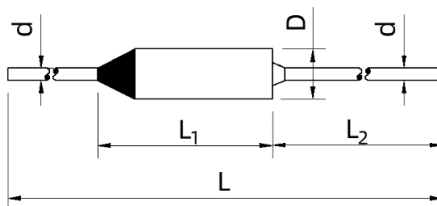


Marking



Remark: The Date Code means Year and quarter: A stands for 2000, B stands for 2001 and 01 stands for the first quarter, 02 stands for the second quarter, and so on.

Dimensions (mm)



Lead Length	L	L ₁	L ₂	D	d
Standard	65 ± 3	(14)	35 ± 2	Φ 4 ± 0.2	Φ 1 ± 0.1
Long	81 ± 3	(14)	35 ± 2	Φ 4 ± 0.2	Φ 1 ± 0.1
Option	Customization	(14)	Customization	Φ 4 ± 0.2	Φ 1 ± 0.1



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Specifications

Rated Functioning Temp. (T_f) °C

	Model	Fusing Temp. (°C)	T_h (°C)	T_h (UL/cUL) (°C)	T_m (°C)	I_r (A)	U_r (VAC)	I_n (kA)	I_{max} (kA)	UL®	cUL®	VDE	PSE	KC	CCC	RoHS REACH
263	RT263	261 ± 2	N/A	220	480	15 / 16	250 125	1.5	3	•	•	○	○	○	○	RoHS REACH*
257	RT257	254 ± 2	200	220	480	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
240	RT240	238 ± 2	200	205	450	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
229	RT229	227 ± 2	200	200	450	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
216	RT216	213 ± 2	186	200	450	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
205	RT205	203 ± 2	175	190	450	15 / 16	250 125	1.5	3	○	○	○	○	○	○	•
192	RT192	190 ± 2	162	177	300	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
184	RT184	181 ± 2	154	169	250	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
172	RT172	168 ± 2	143	157	260	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
167	RT167	164 ± 2	137	152	220	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
152	RT152	149 ± 2	122	137	205	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
144	RT144	141 ± 2	114	129	300	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
134	RT134	131 ± 2	104	119	250	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
128	RT128	124 ± 2	98	113	200	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
121	RT121	118 ± 2	93	106	300	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
117	RT117	114 ± 2	88	102	200	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
110	RT110	108 ± 2	82	95	240	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
104	RT104	102 ± 2	74	89	250	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
99	RT99	95 ± 2	69	84	200	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
94	RT94	91 ± 2	64	79	300	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
84	RT84	82 ± 2	54	69	200	15 / 16	250 125	1.5	3	•	•	• ○	•	• ○	• ○	•
77	RT77	74 ± 2	50	62	300	15 / 16	250 125	1.5	3	•	•	• ○	•	○	• ○	•
72	RT72	69 ± 2	42	57	180	15 / 16	250 125	1.5	3	•	•	• ○	•	○	• ○	•

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