

Thermal Switches



RoHS
Compliant



T23A050ASR2-15

T23B050ASR2-15

Specifications

Electrical Rating	: 15A, 125V AC (Resistive Load) 10A, 250V AC (Resistive Load) 16A, 250V AC (Resistive Load)
Operation Temperature	: +50°C to +175°C
*Temperature Tolerance	: ±3K and ±5K
Differential	: 10K to 30K (15K Standard)
Heat Durability	: 220°C Max. (PPS)
Circuit Resistance	: 50mΩ Max.
Insulation Resistance	: 100MΩ Min. at DC500V
Dielectric Strength	: 1,000V AC for one minutes or 1800V AC for one Second.
Operating Life	: 100000 Cycles (15A, 125V/10A 250V AC) 10000 Cycles (16A 250V AC)y
Weight	: 4.6g Max.

*Temperature Tolerance		
Grade	Part Number	
	T23A050ASR2-15	T23B050ASR2-15
Action ±°C	50°C ±3°C	
Reset ±°C	35°C ±4°C	

Contact Type

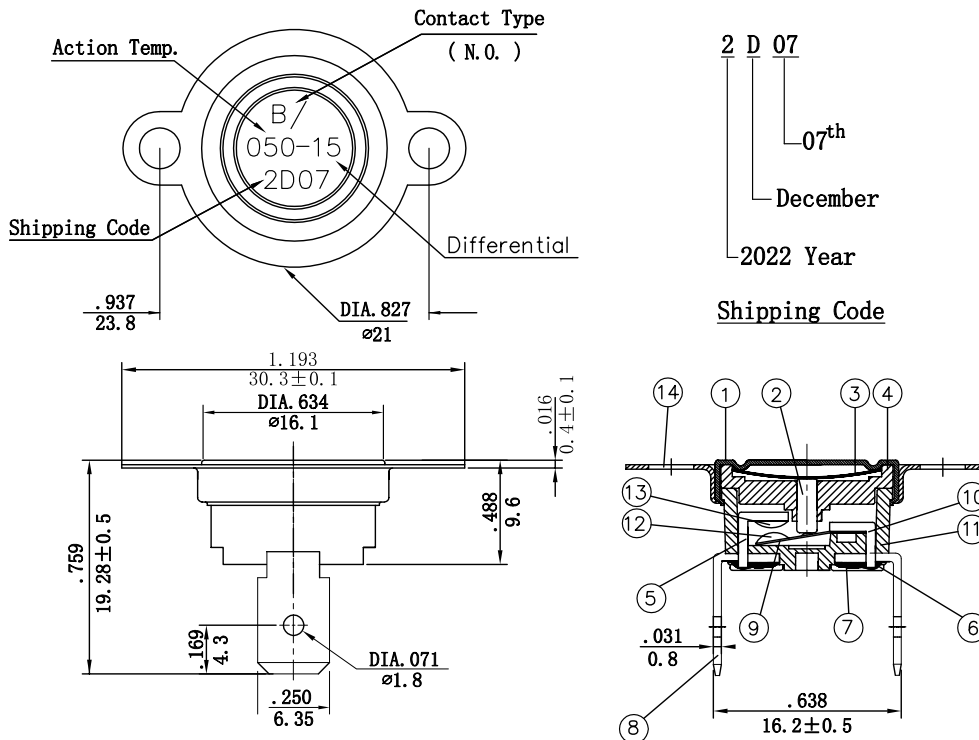
Part Number	Conditions	Diagram
T23A050ASR2-15	Contact Opens when temperature rises to set point (Normally Closed)	
T23B050ASR2-15	Contact Closes when temperature raises to set point (Normally Open)	



Thermal Switches



Diagram



SL.	Parts Name	Material
1	Stationary arm	Brass tin plated
2	Sensing cap	Ceramic
3	Bimetal disc	Bimetal
4	Actuating pin	PPSR7120NA
5	Retainer	Aluminium
6	Terminal-J	Brass tin plated
7	Movable arm	Beryllium copper

SL.	Parts Name	Material
8	Terminal	Brass tin plated
9	Glue	Epoxy
10	Solder	Tin
11	Contact-F	PPSR7120NA
12	Contact-R	Silver Alloy
13	Bracket	
14	Case	Steel Nickel plated

Part Number Table

Description	Part Number
Thermostat Switch, 50°C, Normally Closed, Flange Mount	T23A050ASR2-15
Thermostat Switch, 50°C, Normally Open, Flange Mount	T23B050ASR2-15

Dimensions : Millimetres

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