

1/2" Disc Type Thermostat Switches - Manual Reset

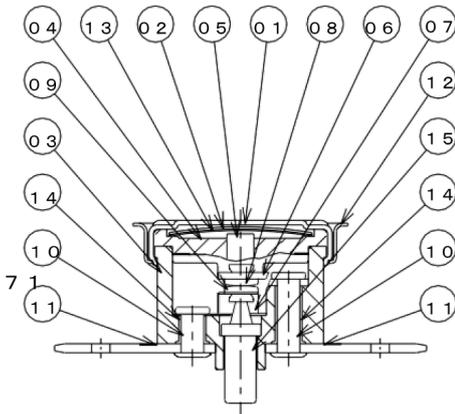
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**RoHS
Compliant**

Specification

Basic features	SPST Manual reset type thermostat with bimetallic disc.
Operation	A : Contacts open on temperature rise Not automatic reset (To be called "A" operation at NGT)
Insulation distance	To satisfy the UL, CSA, DIN EN standard.
Protection (IP) ratings	Equivalent to IP50
Electrical Rating	Resistive load AC250V/16A (Min: 1A) UL 873 UL File No. E43273 (CSA C22.2 No.24) Resistive load AC120V/15A, AC240V/10A 6,000 Cycles 150°C Regulating) DIN EN 60730-1, -2-9 VDE Licence No. 40012267 Resistive load AC250V/16A 3,000 Cycles 150°C
Operating temperature	(90°C ± 5K) Open

Structure



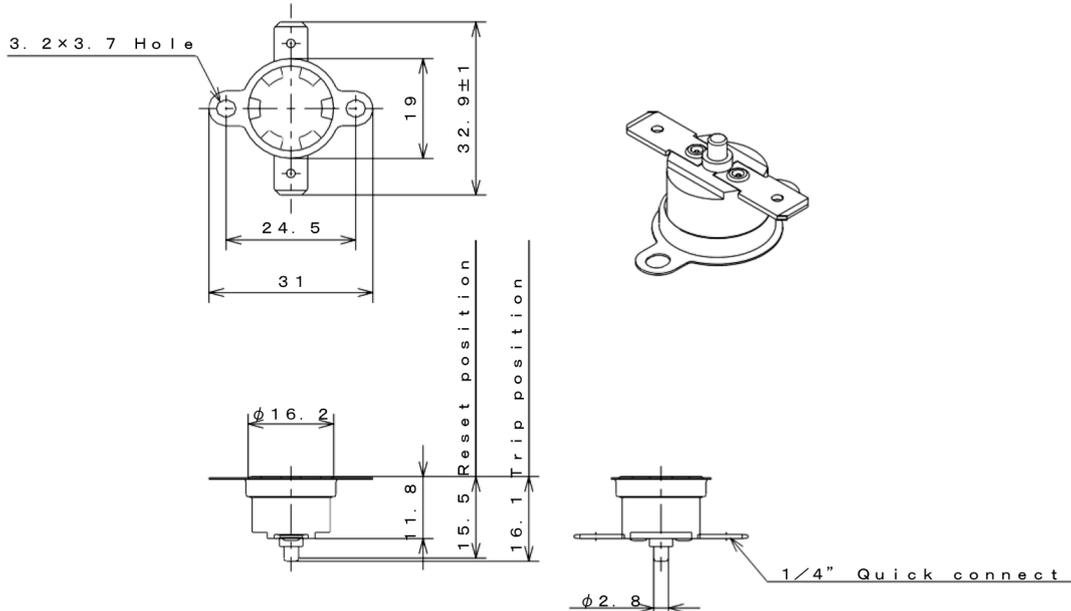
Materials of parts

No.	Name	Material
01	-	-
02	-	-
03	Metal Cap	Aluminum
04	Case Bi	Phenol
05	Pin Retainer	Ceramic Phenol
06	Stationary arm	Copper alloy
07	Movable arm	Copper alloy
08	Contact	Silver - Nickel alloy
09	Contact	Silver - Nickel alloy
10	Rivet	Copper
11	Terminal	Copper alloy
12	Bracket	Stainless steel
13	Metal disc	Copper alloy
14	Sleeve	Copper
15	Button (Black)	Phenol

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Dimensions



Dimensions : Millimetres

Part Number Table

Description	Switching Temperature	Part Number
1/2" Disc Type Thermostat Switch, Manual Reset, NC, Quick Connect	45°C	MP-05EN-45DEG-NC
	55°C	MP-05EN-55DEG-NC
	65°C	MP-05EN-65DEG-NC
	80°C	MP-05EN-80DEG-NC
	90°C	MP-05EN-90DEG-NC
	100°C	MP-05EN-100DEG-NC
	115°C	MP-05EN-115DEG-NC
	130°C	MP-05EN-130DEG-NC
	150°C	MP-05EN-150DEG-NC

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