

Thermal Switch



Specifications:

Operation Temperature	: One fixed point in the range of 50°C to 205°C
Temperature Tolerance	: Operating temperature $\pm 5^\circ\text{C}$ ($\pm 3^\circ\text{C}$ available or appointed temperature tolerance by customers)
	: Reset temperature $\pm 6^\circ\text{C}$ ($\pm 4^\circ\text{C}$ available or appointed temperature tolerance by customers)
Differential (Difference Between on Point and off Point)	: Normal 10°C to 30°C
Heat Resistivity	: 240°C

Electrical

Electrical Rating	: 15 A, 125 V ac (resistive load)
	: 10 A, 250 V ac (resistive load)
	: 15 A, 250 V ac (resistive load)
Contact Resistance	: 50 m Ω or less
Dielectric Strength	: 1,000 V ac for one minutes or more between non-live metal parts and terminals
Insulation Resistance	: 100 M Ω or more between the non-live metal parts and terminals
Operating Life	: 100 K cycles (class II VDE)
	: 10 K cycles (15 A 250 V ac estimated life)

Part Number Table

Description	Part Number
Thermal Switch, NC, 50°C	T23A050ASR2-15
Thermal Switch, NC, 90°C	T23A090ASR2-20
Thermal Switch, NC, 125°C	T23A125BSR2-15
Thermal Switch, NC, 150°C	T23A150BSR2-15

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.