



Magnetically actuated reed proximity switches

Form A—single pole, single throw

SERIES 580I— $\frac{1}{2}$ amp model, A.C. or D.C.
Contact arrangement SPST—Form A
Contact rating 10 watts maximum, A.C. or D.C.
Switching voltage 200V D.C. or 240V A.C. maximum
Current rating 0-500 amp maximum, A.C. or D.C.
Breakdown voltage 400V D.C. minimum
Drawing No. D10-580I

SERIES 590I— $1\frac{1}{2}$ amp model, A.C. only
Contact arrangement SPST—Form A
Current rating $1\frac{1}{2}$ amps at 25 °C—peak single
Cycle surge (non-repetitive)—15
amps
Voltage rating 120-240V A.C. 50/60 Hz
Blocking voltage 400V peak
Drawing No. D10-590I

Temperature sensing reed switches

TS series—single pole, single throw, normally closed

Now available from Hamlin, temperature sensing reed switches* featuring automatic resetting, high repeatability, compact size and very long life. Typical applications include sensing temperature increases in highly sophisticated instrumentation, in liquids or semi-solids or anywhere that temperature control is needed. Standard units from -20 °C to +120 °C. Five degree nominal increments are standard and the operate range is ± 5 °C.

Contact arrangement	SPST Form B (NC)
Contact rating	Watts—10W maximum
	Volt Amps—12 V.A. maximum
Voltage	Volts D.C.—100V D.C. maximum
	Volts A.C.—120V A.C. maximum
Current	Carry—1 amp maximum
	Break—1 amp maximum
	Make—0.5 amp maximum
Open temperature— nominal	5° increments starting at 0° C
Tolerance	± 5 °C
Reset differential	10 °C maximum
Weight	1.2 grams typical
Overall length	1.235" nominal
Trim length	0.750" minimum
Diameter	0.250" maximum

