

SELF-HOLD TEMPERATURE LIMITER

These snap-action devices, with Quick Make/Quick Break action, automatically reset at preset temperature. An electrically isolated bimetal disc is used to either open or close the circuit current.

SO



CSO



DESIGN	THERMOSTATS	
Type	SO Break Contact (normally closed)	CSO Break Contact (normally open)
Base Material	Plastic	Ceramic
Function	Snap Action device with Quick Make/Quick Break action. An electrically isolated bimetal disc is used to either open or close the circuit current.	
Reset Type	Integrated heat source prevents device from resetting until line voltage is removed from application.	
Ratings	CUL: 250 VAC/16A Res. x 6,000 cycles VDE: 250 VAC/10A Res./1.6A Ind. x 3,000 cycles 250 VAC/10A Res./1.6A Ind. x 3,000 cycles	VDE: 250 VAC/16A Res./6A Ind. x 10,000 cycles
Min. Current	50 m A (others on request)	
Contact Resistance	≤ 25 m Ω other values or gold plated contacts on request	
Dielectric Strength Terminal to Cap	2000 V _{eff} , 50 HZ	
Break-over Voltage, Open Contacts	500 V _{eff} , 50 HZ	
Tracking Resistance of Base Material	PTI ≥ 250 V	
Available Calibration Ranges	-5° up to 185° C others upon request	-5° up to 200° C others upon request
Tolerance	± 3° to ± 10° C	
Standard Differential	up to 40° C below the min. switching temperature limit lowest limit 30° C. Other values on request	
Min. Rate of Temp. Rise	0,5° C /min	
Ambient Temperature Limits	0° up to 200°	0° up to 300°
Ingress Protection Rating	IP 40	
Dimensions	<p>Technical drawing showing dimensions for the SO device: top diameter 14.4, middle diameter 11.5, bottom diameter 16.3, height 11.3, and a small offset of 0.7.</p>	<p>Technical drawing showing dimensions for the CSO device: top diameter 17.8, height 14.6, and a small offset of 3.</p>
Certifications	VDE, SEMKO, UL, CUL	VDE

We come through when the heat is on®

