



Rated voltage and current (resistive load)	AC 250V / 16 A
Contacts	<input checked="" type="checkbox"/> SPST, auto-reset <input type="checkbox"/> SPST, manual reset <input type="checkbox"/> SPST, SOD (one shot, reset temp. <math>< -35^{\circ}\text{C}</math>) <input type="checkbox"/> DPST, manual reset <input type="checkbox"/> SPST, drop to ON temperature and power off to reset after cut out
Material of base	<input checked="" type="checkbox"/> phenolic resin <input type="checkbox"/> ceramic
Material of sensing cover	<input checked="" type="checkbox"/> aluminum <input type="checkbox"/> brass <input type="checkbox"/> stainless steel
Material of terminal	<input checked="" type="checkbox"/> nickel plated brass <input type="checkbox"/> tin plated brass <input type="checkbox"/> brass <input type="checkbox"/> stainless steel
Insulation Resistance	More than 10M Ω (with DC 500V megger)
Dielectric Strength	1500V 50Hz AC current, for one minute as bearing test. Resulted no breakdown, no flashover.
Life cycles	<input type="checkbox"/> 6,000 <input type="checkbox"/> 10,000 <input type="checkbox"/> 30,000 <input checked="" type="checkbox"/> 60,000 <input type="checkbox"/> 100,000
Approved	<input type="checkbox"/> CQC <input type="checkbox"/> UL <input type="checkbox"/> cUL <input checked="" type="checkbox"/> TUV <input type="checkbox"/> VDE
Marking series no.	KSD301-V
Method of marking	Laser marking or tool impression
Client's PN	

Customer should sign and stamp on this drawing before placing orders. If customer place orders without sign and stamp, we will consider customer has confirmed this drawing.

Type of product	Operating temperature		Max. ambient temperature
	Open	ON	
KSD301-8.0/16BL16S30	80 \pm 3 $^{\circ}\text{C}$	50 \pm 7 $^{\circ}\text{C}$	205 $^{\circ}\text{C}$
KSD301-8.0/16BL16S15	80 \pm 3 $^{\circ}\text{C}$	65 \pm 5 $^{\circ}\text{C}$	205 $^{\circ}\text{C}$
KSD301-8.5/16BL16S30	85 \pm 3 $^{\circ}\text{C}$	55 \pm 7 $^{\circ}\text{C}$	205 $^{\circ}\text{C}$
KSD301-8.5/16BL16S15	85 \pm 3 $^{\circ}\text{C}$	70 \pm 5 $^{\circ}\text{C}$	205 $^{\circ}\text{C}$

 Undeclared tolerance: $\pm 0.5\text{mm}$	Title:		Drawing no.:	REV.:
	Unit: mm Scale: 2 : 1		Snap-Action Thermostat	ERP no.:
Size: A3		Type of product		
Drawn by				
Checked by				
Date	2018-12-19			
		 FSTB TONGBAO-HUALONG CONTROLS CO., LTD.		