

The types C06 S06 and L06 are switches with connecting cables, automatically resetting

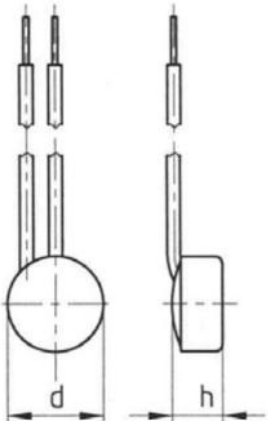
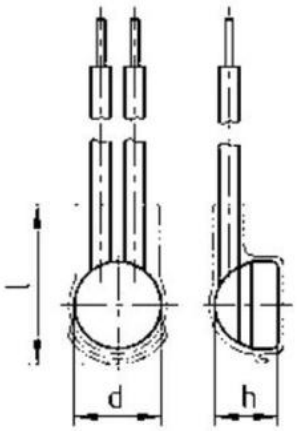
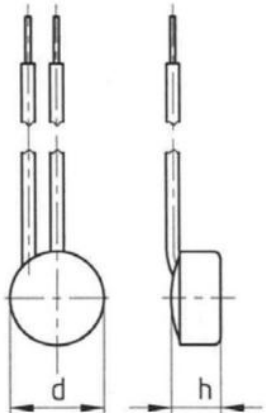
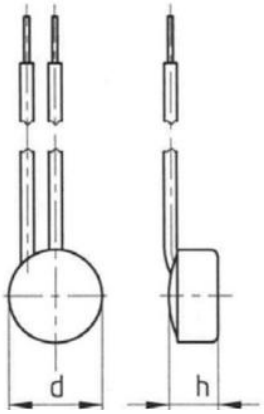
- **S06 with epoxy, fully insulated with Mylar®Nomex® cap**
- **L06 with aluminium screw-on housing**

Possible applications in switch cabinets, on motor housings or heat sinks

Thermal Protectors Type C06 / C06HT / S06 / S06HT / B06 / F06; 4.0 - 25 A

C06	C06HT	S06	S06HT	B06	F06
					

Switching type:	**Normally closed contact**		**Normally closed contact**		**Normally closed contact**	**Normally closed contact**
	automatically resetting					
	C06	**C06HT**	**S06**	**S06HT**	**B06**	**F06**
insulated: Insulation cap/housing	no		Yes		Yes	yes
Temperature						
Nominal switching temperature (NST) [°C] in 5 K steps	70 - 200	205- 250	70 - 200	50 -250	70 - 200	
Tolerance range -Standard Tol [[K]	± 5					
Reverse Switch Temperature (RST below NST) UL [K] Reverse Switch Temperature (RST below NST) VDE [°C]	-35 ± 15 ≥ 35					
Tension						
max. Operating voltage range AC to ... [VAC]	500 V AC / 28 V DC					
Rated voltage AC [VAC]	250 (VDE), 277 (UL)					
Current/switching cycles						
Rated current AC - cos ϕ = 1.0 [A] / [n]	10,0 / 10'000					
Rated current AC - cos ϕ = 0.6 [A] / [n]	6,3 / 10'000					
Max. Switching current AC - cos ϕ = 1.0 [A] / [n]	25,0 / 2'000					
Rated voltage DC [V]	24 V					
Max. Switching current DC [A] / [n]	40,0 / 10'000					
Additional specifications						
High-voltage strength [kV]	---		2			
Total bounce time [ms]	< 1					
Contact resistance (according to MIL-STD R5757) [mΩ]	≤ 50					
Vibration resistance 10 ... 60 Hz [m/s2]	100					
Compressive strength of the switch housing [N]	600					
Suitable for installation in protection class	I		I + II			
Impregnation resistance	suitable					
Available Licenses and Approvals						
please specify	IEC, ENEC, VDE, UL, CSA, CQC					
Dimensions (standard)						
	C06	C06HT	S06	S06HT	B06	F06
Diameter or Ø d or l x b [mm] / dimension	9,0		9,4		9,4	10,0
Overall height h [mm]	from 6.3	from 7.1	from 6.7	from 7.5	from 6.7	from 5.0
Length of insulation cap l [mm]	---		16,0		---	---
Standard stranded wire connection:	0.75 mm2/AWG18					

C06 / C06HT	S06 / S06HT	B06	F06
			

Note

The data and information provided are based on tests and test series. They are intended as a guide, which is why there may be deviations for individual applications and uses. The suitability in a specific application must be checked by the user in each individual case.