

The types C08, S08 and L08 are switches with connecting cables, automatically resetting with or without Expoxy

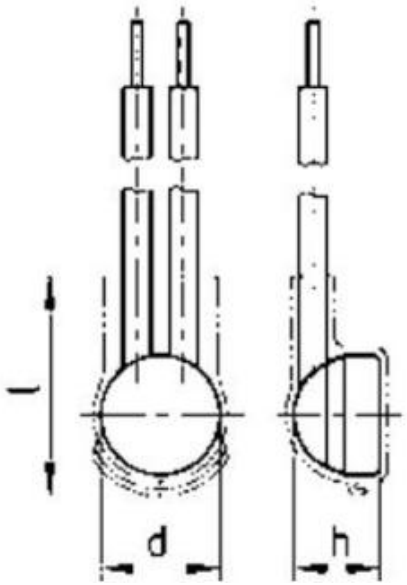
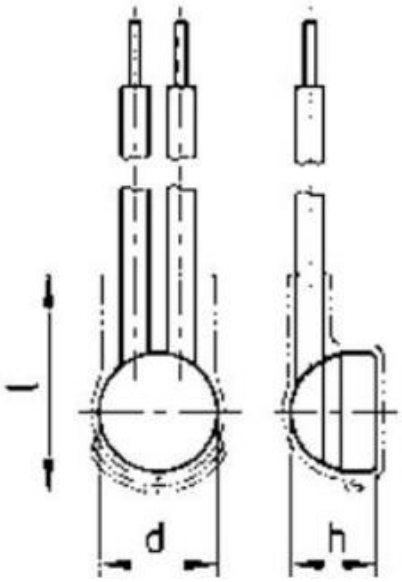
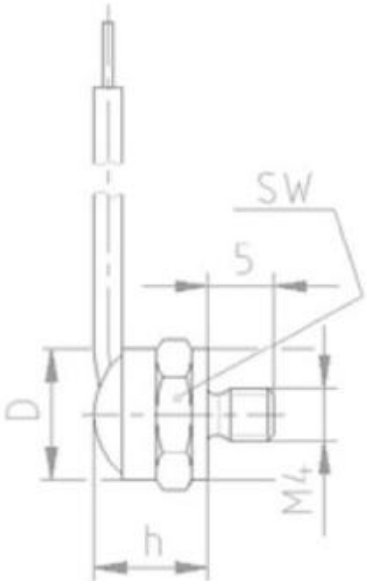
- **S08 with epoxy, fully insulated with Mylar®Nomex® cap**
- **L08 with aluminium screw-on housing**

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

Thermal Protectors type C08 / S08 / L08; 4.0 - 25 A

C08	S08	L08
		

Switching type	**Normally open contact C08 resetting**	**Normally open contact S08 resetting**	**Normally open contact L08 resetting**
insulated: Insulation cap/housing	no	Yes	yes
Temperature			
* Nominal switching temperature (NST) [°C] in 5 K steps	70 - 200		
*Tolerance range -Standard-Tol [[K]	± 5		
Reverse Switch Temperature (RST below NST) UL [K] VDE [°C]	-35 ± 15 ≥ 35		
Tension			
max. Operating voltage range AC to ... [VAC]	500 V		
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		
Additional specifications			
High-voltage strength [kV]	---	2	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	I + II
Impregnation resistance	suitable		
Available Licenses and Approvals			
please specify	IEC, ENEC, VDE, UL, CSA, CQC		
Dimensions (standard)			
Diameter or dimension Ø d or l x b [mm]	9,0	9,4	10,0
Overall height h [mm]	from 6.3	from 6.7	from 5.0
Length of insulation cap l [mm]	---	16,0	---
Thread (size x length) [Mx x mm]	---	---	M4 x 5.0
Width across flats/ max. Torque [mm/Nm]	---	---	10,0 / 2
Standard stranded wire connection:	0.75 mm2/AWG18		

C08	S08	L08
		

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.