

The types C08, S08 and L08 are switches with surface-mounted enclosures, fully insulated, automatically resetting with Expoxy

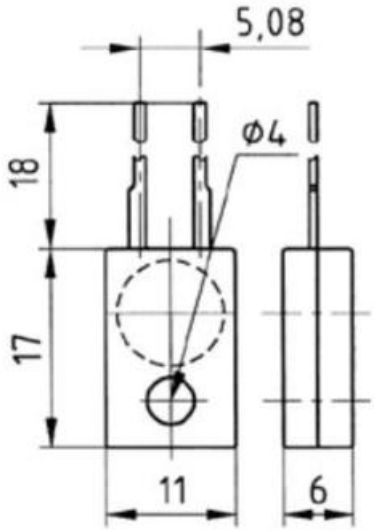
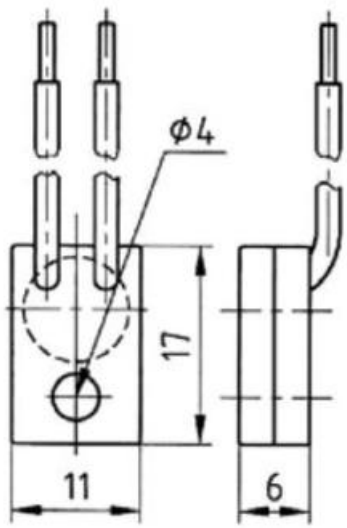
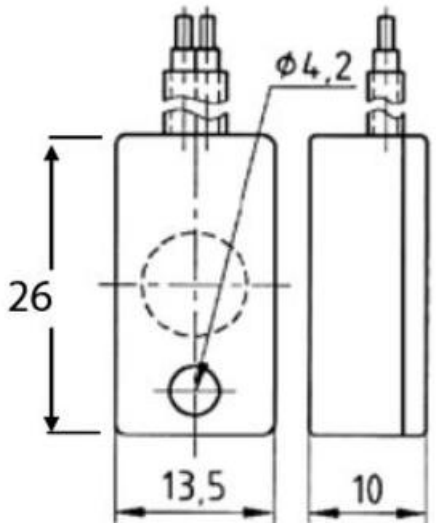
The type P08 is with connection pins

The types S08 and L08 are equipped with connection cables.

Thermal Protectors Type P08 / H08 / V08; 4.0 - 25 A

P08	H08	V08
		

Switchen type	**Normally open contact P08 resetting**	**Normally open contact H08 resetting**	**Normally open contact V08 resetting**
Isolated:	yes	Yes	yes
Temperature			
Nominal switching temperature (NST), [°C] in 5 K steps	70 - 200		70 - 150
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		
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		3,75
Total bounce time ms]	< 1		
Contact resistance (according to MIL-STD R5757) [mΩ]	< 50		
Vibration resistance 10 ... 60 Hz [$^{m/s^2}$]	100		
Compressive strength of the switch housing [N]	600		
Suitable for installation in protection class	I + II	I + II	II + II
Impregnation resistance	suitable		
Available Licenses and Approvals			
Please specify	IEC, ENEC, VDE (appr. <150°C), CQC		
Dimensions (standard)			
Diameter or dimension Ø d or l x b [mm]	17 x 11,0	17,0 x 11,0	26,0 x 13,5
Overall height h [mm]	from 6.0	from 7.5	from 10
Length of insulation cap l [mm]	---	---	---
Max. Torque [SW/Nm]	---	3,0	2,5
Standard stranded wire connection:	---	0.75 mm2/AWG18	0.50 mm2/AWG 20

P08	H08	V08
		

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.