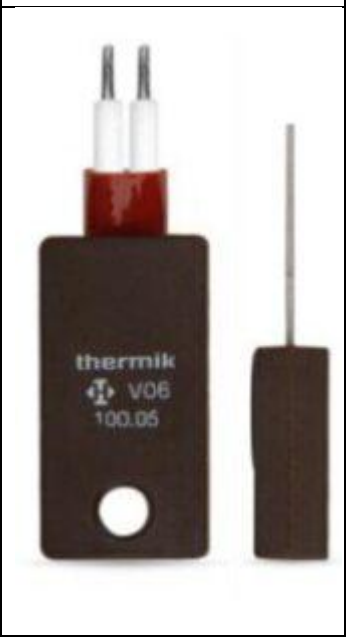


The types P06, H06 and V06 are switches with surface-mounted enclosures, fully insulated, automatically resetting with Expoxy

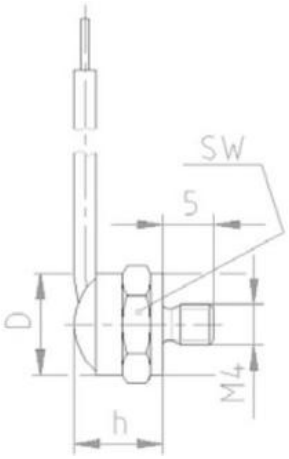
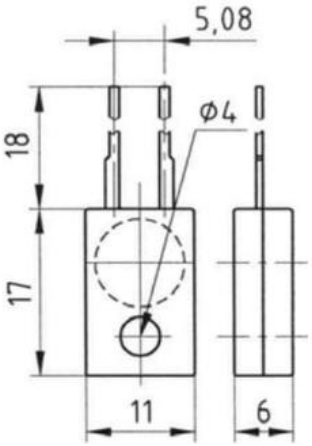
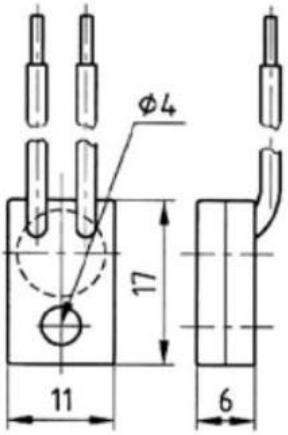
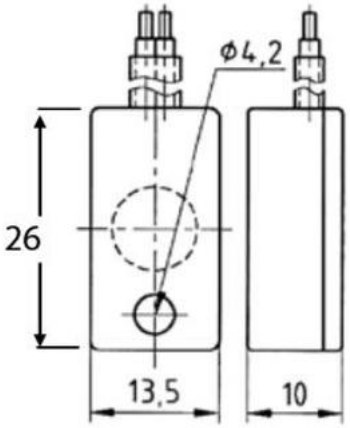
P06 is equipped with connection pins

The types H06 and V06 are equipped with connection cables.

Thermal Protectors Type L06 / P06 / H06 / V06; 4.0 - 25 A

L06	P06	H06	V06
			

Switch type:	**NC contact L06 resetting**	**NC contact P06 resetting**	**NC contact H06 resetting**	**NC contact V06 resetting**
isolated:	yes	Yes	yes	yes
Temperature				
Nominal switching temperature (NST) [°C] in 5 K steps	70 - 200			70 - 180
Tolerance range -Standard Tol [[K]	± 5			
Reverse Switch Temperature (RST below NST) UL [[K]	-35 ± 15			
(defined RST on customer request) VDE [°C]	≥ 35			
Tension				
max. operating voltage range up to ...	500 V AC / 28 VDC			
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			
Rated current AC - cos ϕ = 1.0 [A] / [n]	25,0 / 2'000			
Rated voltage DC [V]	24			
Max. Switching current DC [A] / [n]	40,0 / 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, UL,CSA, CQC			IEC,ENEC,VDE,CQC
Dimensions (standard)				
Diameter or dimension Ø d or l x b [mm]	10,0	17 x 11,0	17,0 x 11,0	26,0 x 13,5
Overall height h [mm]	from 5.0	from 6.0	from 7.5	from 10.0
Thread (size x length) [Mx x mm]	M4 x 5.0	---	---	---
Width across flats/ max. Torque [SW/Nm]	10,0 / 2	---	- / 3,0	- / 2,5
Standard stranded wire connection:	0.75 mm2/ AWG18			0.50 mm2/AWG 20

L06	P06	H06	V06
			

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.