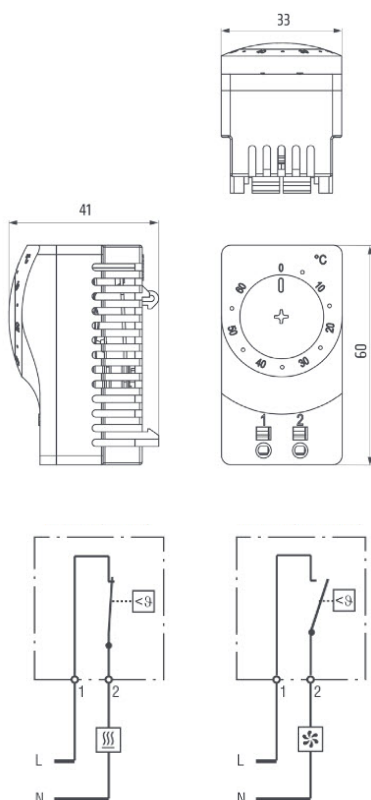


SMALL COMPACT THERMOSTAT KTO 1040 / KTS 1041



Thermostat (normally closed): contact breaker for regulating heaters.
The contact opens when temperature is rising.

Thermostat (normally open): contact maker for regulating of filter fans and heat exchangers or for switching signal devices when temperature limit has been exceeded. The contact closes when temperature is rising.



Switch temperature difference: 7 K (± 4 K tolerance)
 Sensor element: thermostatic bimetal
 Contact type: snap-action contact
 Service life: 100,000 cycles verified
 Setting range: 0 to $+60$ °C
 Max. operating voltage/freq. range: 120 - 250 V AC, 50/60 Hz, 24 - 72 V DC
 Switching current/capacity max: 10 (2) A (AC 250 V), 15 (2) A (AC 120 V), 30 W (24 V DC)
 Max. inrush current: AC 16 A for 10 sec.
 Connection: 2 Push-In clamps
 Rigid wire: 2,5 mm² (AWG 14)
 Stranded wire: 1,5 mm² (AWG 16)
 Mounting: clip for 35 mm DIN rail, EN 60715
 Casing: plastic according to UL94 V-0, light grey
 Dimensions: 60 x 33 x 41 mm
 Fitting position: beliebig
 Operating/Storage temperature: $-45... +80$ °C ($-49... +176$ °F)
 Operating/Storage humidity: max. 90 % rF (non-condensing)
 Protection type/Protection class: IP20 / II
 Overvoltage category/Altitude: II: up to 5,000 m; III: up to 2,000 m

Stripped length of rigid wire line: 10 to 12 mm. Wire end sleeves (crimped square or trapezoidal) must be used when connecting with stranded wires. Wire end sleeve length: 10 mm or 12 mm.

Type	Order-No.	Description	Approval
KTO 1040	110993	Contact breaker (NC)	CE, VDE, EAC, corresp. RoHS
KTS 1041	110994	Contact maker (NO)	CE, VDE, EAC, corresp. RoHS
KTO 1040/UL	111005	Contact breaker (NC)	CE, VDE, EAC, corresp. RoHS, UL
KTS 1041/UL	111004	Contact maker (NO)	CE, VDE, EAC, corresp. RoHS, UL