

Thermostats



IUK08561



IUK08565



IUK08566



IUK08563

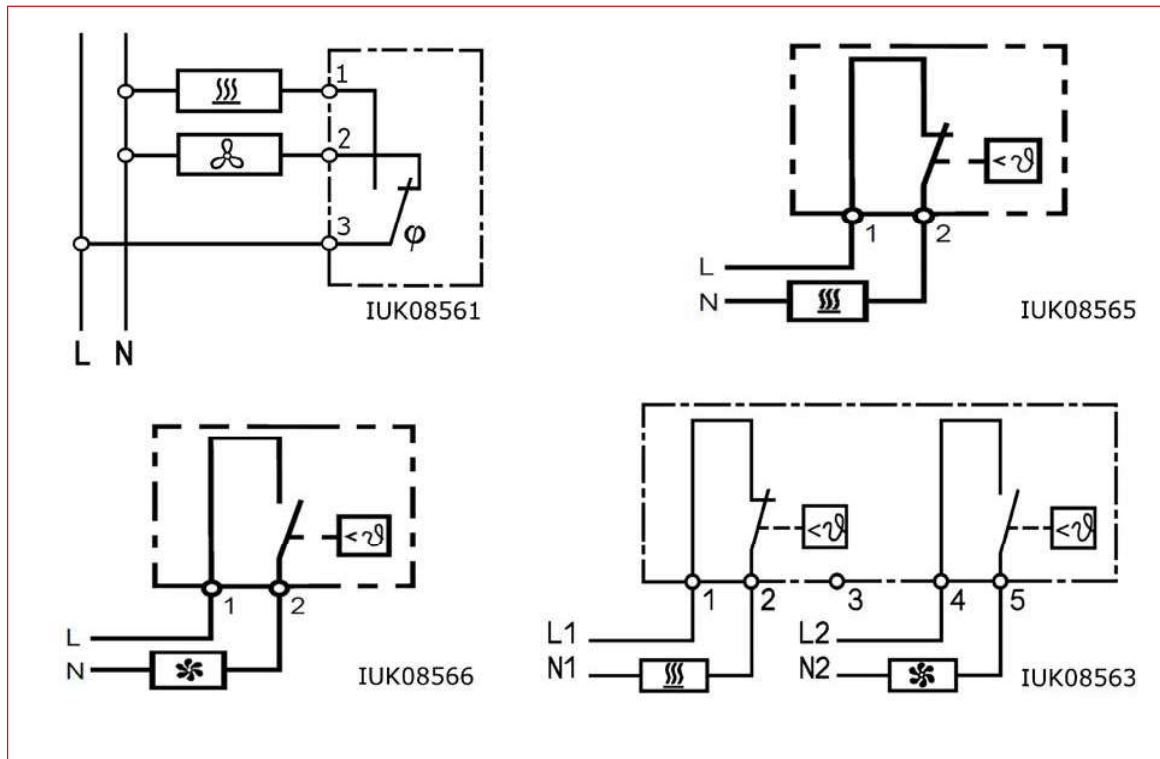
IP20

Schrack-Info

- Thermostats are used as temperature controllers and to control filter fans and radiant heaters. The series of thermostats consists of three types that are available with NC, NO and CO contact. The twin thermostat is designed as fan and heating control system (1 NO/1 NC)
- Mounting: snap fastening for 35 mm profile bars

Thermostats

Circuit diagram thermostats



Data	Unit	IUK08561	IUK08565	IUK08566	IUK08563
Type of contact		Changeover (CO) with spring contact	Normally closed (NC) with spring contact	Normally open (NO) with spring contact	Normally closed (NC) / Normally open (NO) with spring contact
Setting range	°C (°F)	0 to +60 °C (+32...+140 °F)	0 to +60 °C (+32...+140 °F)	0 to +60 °C (+32...+140 °F)	0 to +60 °C (+32...+140 °F)
Switching temperature difference	[K]	1	<7	<7	<7
Switching point tolerance	[K]	± 3	± 4	± 4	± 4
Max. switching power value in brackets: inductive load at cos φ = 0.6V	[V]	Normally closed (NC) ... 100 - 250 V AC	240 V AC	240 V AC	Normally closed (NC) ... 240 V AC
	[A]	10 (2) A	10 (2) A	10 (2) A	10 (2) A
	[V]	Normally open (NO) ... 100 - 250 V AC	120 V AC	120 V AC	Normally open (NO) ... 120 V AC
	[A]	5 (2) A	15 (2) A	15 (2) A	15 (2) A
DC	[W]	max. 30	max. 30	max. 30	max. 30
Operating temperature range	°C (°F)	-40 to +80 °C (-40...+176 °F)	-40 to +80 °C (-40...+176 °F)	-40 to +80 °C (-40...+176 °F)	-20 to +80 °C (-4...+179 °F)
Storage temperature range	°C (°F)	-40 to +80 °C (-40...+176 °F)	-40 to +80 °C (-40...+176 °F)	-40 to +80 °C (-40...+176 °F)	-20 to +80 °C (-4...+179 °F)
Dimensions HxWxD	[mm]	64 x 37 x 46	72 x 40 x 36	72 x 40 x 36	80,5 x 59 x 38
Sensor type		Bimetal	Bimetal	Bimetal	Bimetal
Degree of protection		IP 20	IP 20	IP 20	IP 20
Weight	[g]	75	50	50	95
Connection type		Screw terminal for cable cross-section 0.5 up to 2.5mm ²			
Suitable for the operation of		Ventilator and radiator	Heating	Ventilator	Ventilator and radiator
Type of mounting		Snap fastening for 36mm profile rails according to EN 60715			
Color		RAL 7035			

DESCRIPTION	AVAILABLE	ORDER NO.
Thermostat, 1 CO switch, 0°-60°C		IUK08561
Heating thermostat 1 NC switch, red, 0°-60°C		IUK08565
Ventilation thermostat 1 NO switch, blue, 0°-60°C		IUK08566
Twin thermostat, 1 NO/1 NC switch, 0°-60°C		IUK08563

