

Thermostat



IUK08561



IUK08565



IUK08566



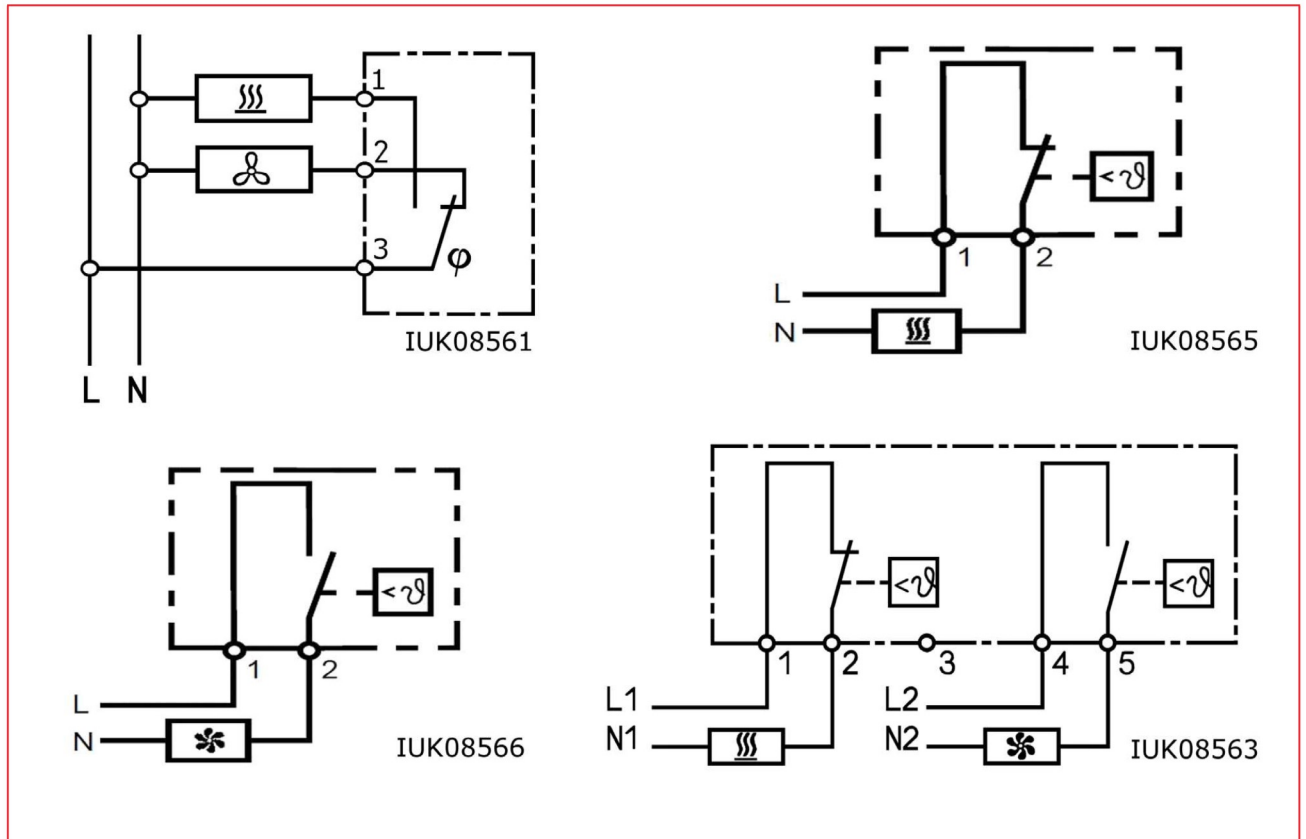
IUK08563

SCHRACK-INFO

- Thermostats are used as temperature controllers and to control filter fans and radiant heater. 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 diagrams thermostats



Technical data

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 cosj=0.6	[V]	Normally closed (NC) ...	240 V AC	240 V AC	Normally closed (NC) ...
	[A]	100-250 V AC 10 (2)A	10 (2) A	10 (2) A	240 V AC 10 (2)A
	[V]	Normally open (NO) ... 100	120 V AC	120 V AC	Normally open(NO) ...
	[A]	-250 V AC 5 (2)A	15 (2) A	15 (2) A	120 V AC 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		IP20	IP20	IP20	IP20
Weight	[g]	75	50	50	95
Connection type		Screw terminal for cable cross- section 0.5 up to 2.5 mm ²			
Suitable for the operation of		Ventilator and radiator	Heating	Ventilator	Ventilator and radiator
Type of mounting		Snap fastening for 36 mm profile rails according to EN 60715			
Color		RAL 7035 (light grey)			

DESCRIPTION	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