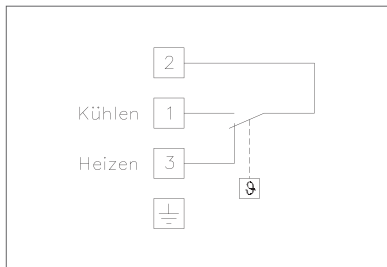


# Contact thermostat AT-2090U

## 20-90 °C, IP30, with tension spring 220 mm



AT2090



Wiring diagram AT2090

### Application:

AT2090U is a thermostat for controlling, monitoring and limiting the temperature of pipes. It can also be used as change-over thermostat for reversible water-coils.

### Technical datas:

Switching capacity:	250 V AC, 16 A ohmic load, 2.5 A inductive load
Contact:	dust-encapsulated microswitch as single-pole, potential-free switch (changeover contact)
Max. sensor-temp.:	85 °C
Housing:	material ABS (acrylonitrile-butadiene-styrene), Glass fibre reinforced
Dimensions:	39 x 55 x 112mm
Casing temperature:	-15°...+85°C
Ambient temperature:	-10°...+60°C
Process connection:	with tension spring 220 mm, made of metal (included in delivery)
Electrical connection:	0.14 - 1.5 mm <sup>2</sup> with screw terminals
Humidity:	<95% r.H., non-condensing air
Protection class	I (according to EN 60 730)
Protection class	IP 30 (nach IEC 529)
Standards:	CE conformity EMC Directive 2004/108/CE Low Voltage Voltage Directive 2006/95/CE
Function:	—
Heating (heizen):	Wiring terminal 2/3
Cooling (kühlen):	Wiring terminal 2/1

Type	Temperature range	Thermal switching differential (fixed)	max. capillary temperature	Function
AT2090U	+20°C...+90°C	8K ±3	+85°C	Indoor setting, TR