

# Typ: JET-153

**Art.-No.:** JA044300

## **Features:**

single-stage industrial capillary thermostat, mechanical, surface mounted, 100...280°C, TB with outdoors setting, Toggler, 24-230 VAC, 15(8)A, manual reset after temperature drop of min. 8 K

## **Application:**

Monitoring or control of temperatures of non-aggressive, liquid and gaseous media. Particularly suitable for wall mounting. The SW-200-12 protecting coil is to be used for temperature control of non-aggressive gases in the duct; for temperature in non-aggressive fluids, the TH immersion sleeve, and in aggressive fluids, the NTH immersion sleeve.

Immersion sleeves or protecting coils are not a part of the scope of delivery.

## **Technical Data:**

Number of outputs:	2
Number, control range:	1
Output signal:	switching
External setting:	yes
Rated impulse voltage:	4000 V
Operating voltage:	none
setting range to:	280
setting range from:	100
Electrical connection:	Screw-type terminals
Colour of housing:	grey (lower part like RAL 7016, upper part like RAL 7035)
Sensor:	liquid-filled capillary
Sensor dimensions:	6 x 80 mm
Sensor material:	Cu
Function type:	TB
Hysteresis:	Manual reset after temperature drop of min. 8 K
Capillary length:	1,8 m
Storage temperature:	-20...+55 °C
Material of housing:	Plastic
max. sensor temperature:	320
max. switching voltage:	230 VAC, 50 Hz
max. switching current:	15 (8) A
mechanical range setting:	yes
Medium:	Air, not aggressive

min. switching voltage:	24 VAC, 50 Hz
min. switching current:	150 mA
Installation/fastening:	Wall mounting
Surface quality:	matt
potential-free:	yes
Control range up to:	280
Control range from:	100
Control function:	Heating or cooling, locked when the temperature is rising
Switching element:	Microswitch
Switching contact:	Changeover
Switching power:	3450 W
Degree of protection:	IP 65
Protection class:	I
Safety and EMC:	according to DIN EN 60730
Scale - degrees Celsius:	yes
Set point adjuster:	yes
Ambient temperature up to:	55
Ambient temperature from:	-20
Degree of fouling:	II
Accessories:	optional immersion sleeve: TH / NTH 100 / 200 / 280, protective spiral: SW-200
Permissible atmospheric humidity:	max. 95% r.h., non-condensing

### Circuit Diagram:

