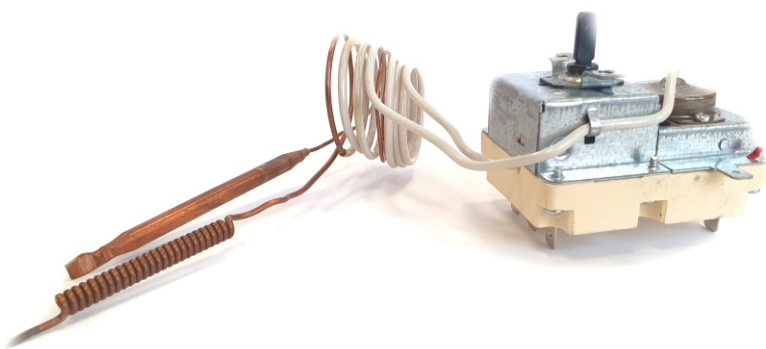


THERMOSTAT COMBINED WITH A FUSE KDT

manual reset, three-phase
load 16 (20)A/400V



DESCRIPTION:

- three-phase, manual reset
- material of capillary/sensor: Cu/stainless steel
 - material of membrane: stainless steel
 - connection: M4x8, FAST ON connector

TECHNICAL PARAMETERS:

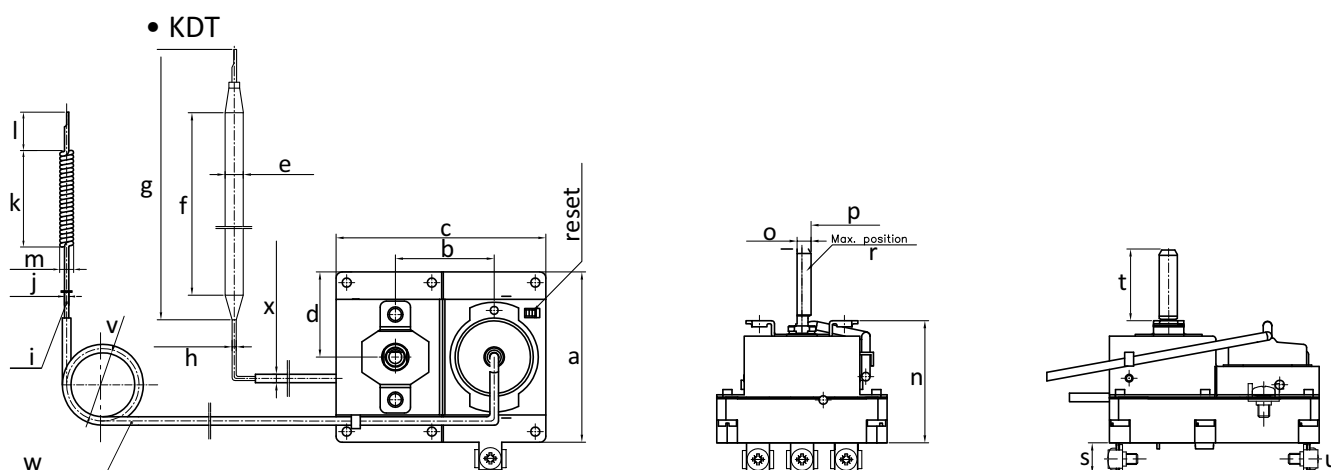
- range: 7-77, 30-85°C (TR)
95, 100, 110, °C (STB)
- switching difference: -4, -6, -10, -12°K (TR),
-6, -8, -10°K (STB)
- switching load: 16/20A, 400V
 - protection: IP 00

SPECIFICATIONS:

The combined thermostat with a fuse - KDT series automatically breaks the electric circuit after reaching the preset temperature, re-closes in the event of a drop in temperature and continuously maintains the temperature of the medium by switching on / off positions. If the temperature around the temperature sensor reaches the value of the expansion temperature fixed by the manufacturer, the electrical circuit will be disconnected, whereby the fuse protects the device from overheating. These thermostats can be used especially for boilers, electric boilers, storage tanks, reservoirs of solar systems, etc. It is suitable for controlling the temperature of liquid, gaseous or solid substances.

Type	KDT
Regulation range (off temperature)	7-77, 30-85°C
Switching load	16/20A; 400V
Lifespan of thermostat	100.000 switches
Lifespan of thermal fuse	500 switches
Touch protection	I. (grounded)
Protection	IP 00
Senzor and capillary	Cu
Max. ambient temperature	85°C
Max. sensor temperature	upper cut-off value +25%
Electric connection	FAST ON / screw M4x8, angel options 0°, 45°, 90°
Storage temperature	-25+60°C
Membrane	stainless steel
Position of use	optional

Setting range (°C)		Calibration tolerance (K)		Switching differencion (K)		Max. temperature (°C)	
TR	STB	TR	STB	TR	STB	TR	STB
7-77	95	±3.2	0-6	-4+/-2	-10	92	110
30-85	100	±3.2	0-6	-4+/-2	-10	100	115



Dimension in mm												
a	b	c	d	e	f	g	h	i	j	k	l	m
56	32,5	69	28	6	72	99	d1,4L840	855	1,8	48	13	6,1
n	m	o	p	q	r	s	t	u	v	w	x	
40	4,6	d6h11	0,75	10	16	10	16	M4x8	d30	810	800	

Wiring diagram:

