

MAXIMUM TEMPERATURE LIMITER

room, capillary,
stem



DESCRIPTION:

- compact design
- connection by clamps on the switch or using connector (except for Ex design and switch B)

APPLICATION:

- heating
- hydraulics
- air-conditioning

TECHNICAL PARAMETERS:

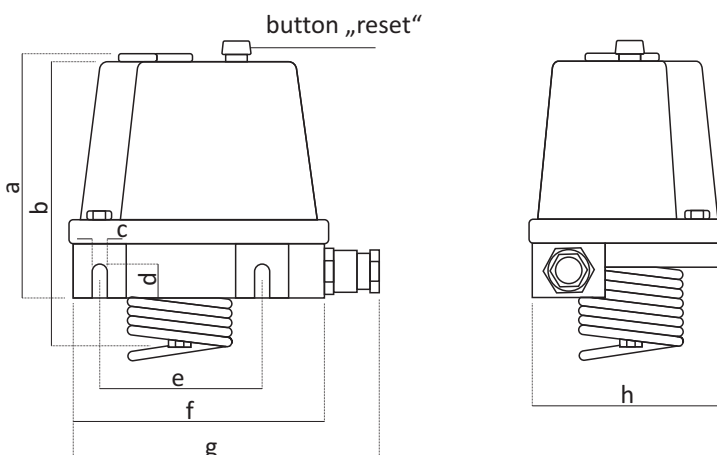
- range: -40+210°C in 7 ranges (type 61 127 - capillary),
-40+140°C in 5 ranges (type 61 135 - stem),
-40+60°C in 4 ranges (type 61 112 - room)
- el. load: 250V/10A,
250V/2A,
=250V/0,1A
=48V/0,2A
- shocks during operation: $f=10-55\text{Hz}$, $s_a=\text{up to } 0,15\text{ mm}$
- protection: IP 65

SPECIFICATION:

Temperature limiters are dedicated for regulatory circuits, where they interfere by switching el. contacts when the increasing temperature is exceeding the limiting value. By pressing the RESET button they are brought into stand-by mode. The required value from within the range is set by a screw. Environment temperature of the regulator is -40 +60°C. Capillary - mainly used for protection of devices against temperature over-loading with option of limiters mounting in place of temperature protection using a well, which is an integral part of the limiter. Stem - mainly used for device protection against temperature over-loading with option of placing the limiter outside the measured medium. Capillary and stem temperature limiters may on request be equipped with a well in brass or stainless steel design with threads M27x2 or G3/4, lugs with threads M27x2 or G3/4 and wall rubber grommets. Room - mainly used for room protection against temperature over-loading.

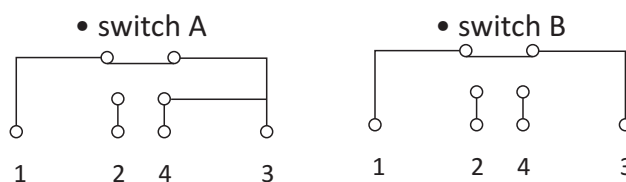
Order code 405 61112 xxxx	Microswitch		Range	Difference	Time factor T (s)	Max. overloading	Units	Weight (kg)
	A	B						
T 61112	6011	6111	-40+0	up to 2	up to 120	60	°C	0,6
T 61112	6012	6112	-25+15					
T 61112	6013	6113	0-40					
T 61112	6014	6114	20-60					

• Type 61 112- room



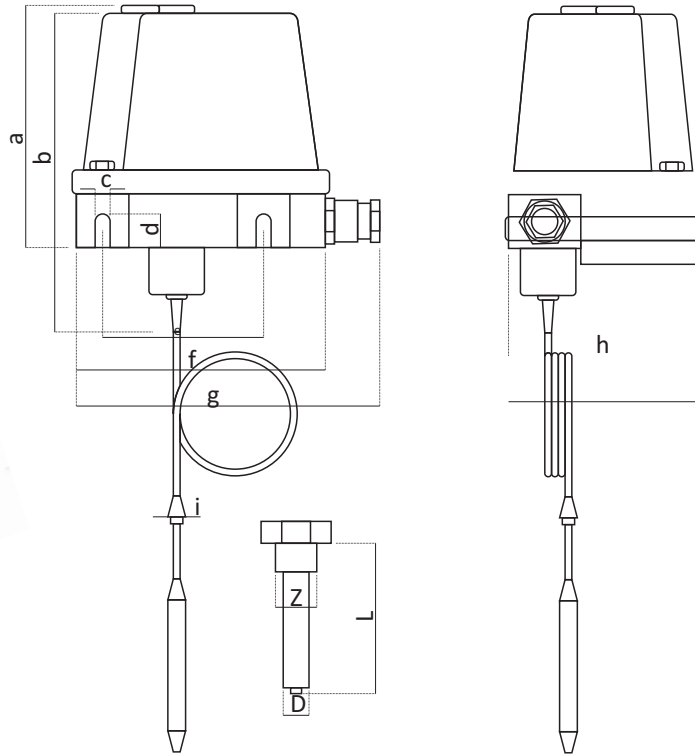
Dimensions in mm							
a	b	c	d	e	f	g	h
116	164	5,2	7	75	124	150	74

Wiring diagram



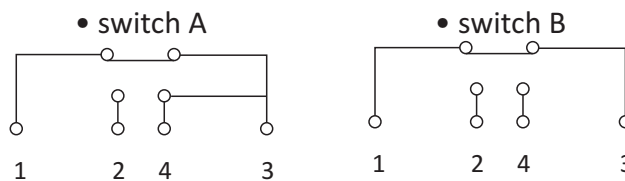
Order code 405 61127 xxxx	Microswitch		Range	Difference	Time factor T (s)	Max. over-loading	Unit	Length L (mm)	Diameter d (mm)	Weight (kg)
	A	B								
T 61127	601x	611x	-40+0	2	up to 45	60	°C	100	8,6	0,75
T 61127	602x	612x	-25+15					160	11,5	0,8
T 61127	603x	613x	0-40					100	8,6	0,75
T 61127	604x	614x	30-90							
T 61127	605x	615x	70-140							
T 61127	606x	616x	110-180							
T 61127	607x	617x	140-210			220				

• Type 61 127- capillary



Dimensions in mm								
a	b	c	d	e	f	g	h	i
116	189	5,2	7	75	124	150	74	12

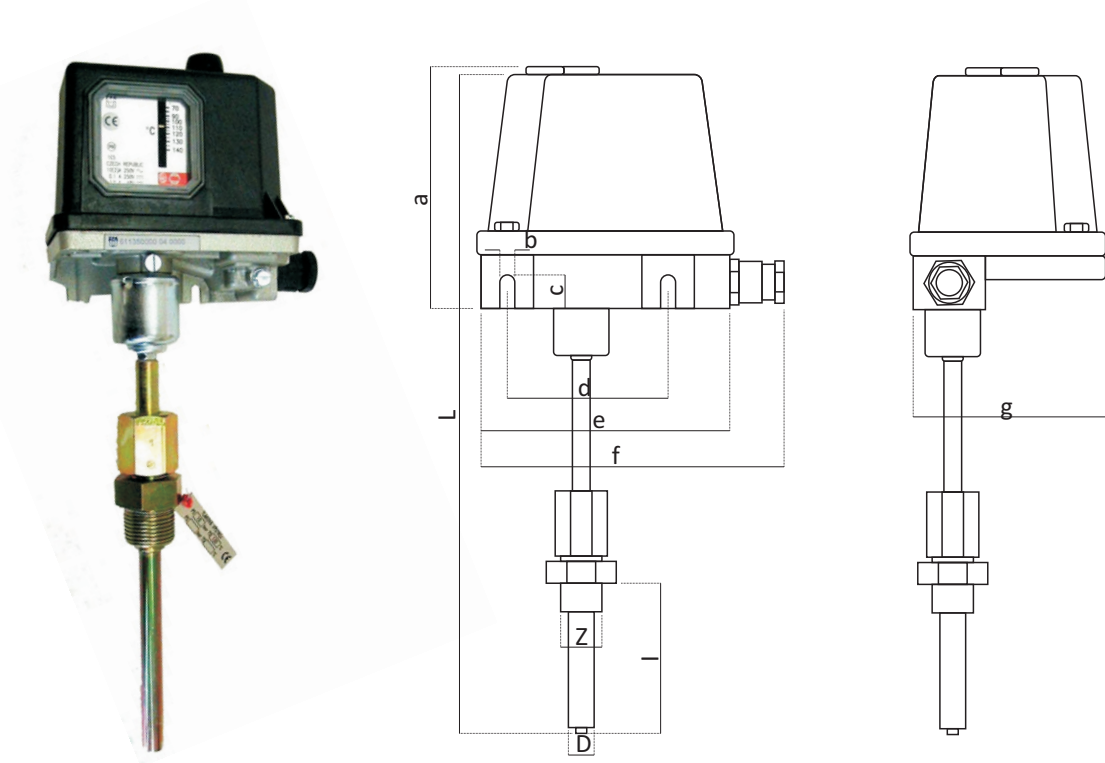
Wiring diagram



Order code 405 61135 xxxx	Microswitch		Range	Difference up to (°C)	Time factor T (s)	Max. over- loading	Unit	Length L (mm)	Weight (kg)
	A	B							
T 61135	601x	611x	-40+0	2	up to 45	60	°C	363	0,9
T 61135	602x	612x	-25+0						
T 61135	603x	613x	0-40					388	0,95
T 61135	604x	614x	30-90						
T 61135	605x	615x	70-140						

Environment temperature: -40+60°C

• Type 61 135 - stem



Dimensions in mm						
a	b	c	d	e	f	g
116	5,2	7	75	124	150	74

Wiring diagram

