C.1.20.

TEMPERATURE REGULATOR

room, capillary, stem

DESCRIPTION:

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

APPLICATION:

- heating
- hydraulics
- air-conditioning

TECHNICAL PARAMETERS:

- ranges: -40+60°C in 5 ranges (type 61 113 - room)
  -40+210°C in 7 ranges (type 61 126 - capillary)
  -40+140°C in 5 ranges (type 61 134 - stem)
- el. load: 250V/10A,
  250V/2A, cos f 0.6-0.3
  =250V/0,1A
  =48V/0,2A
- shocks during operation: f=10-55Hz, sa=do 0,15mm
- protection: IP 65

SPECIFICATION:

Stem thermoregulators are used mainly for regulation and indication of temperatures with option of regulators mounting directly in area of temperature measurement by means of well, which is an integral part of the regulator. The well may be supplied in brass or stainless steel design with threads M27x2 or G3/4, lugs with threads M27x2 or G3/4 and wall rubber grommets.

Capillary thermoregulators are used mainly for regulation and indication of temperatures with the option of placing the regulator away from the regulated medium. A well may be supplied on order request in brass or stainless steel design with threads M27x2 or G3/4, lugs with threads M27x2 or G3/4 and wall rubber grommets.

Room thermoregulators are used mainly for simple regulation and indication of temperatures in rooms (lounges, vestibules, etc.)

Environment temperature of the regulators is -40 +60°C.

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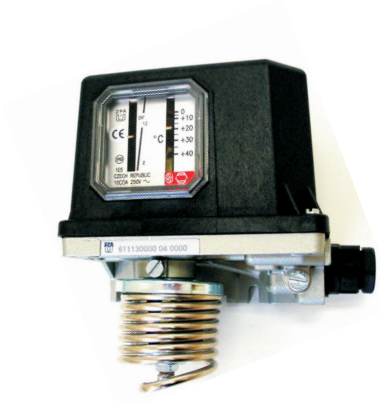
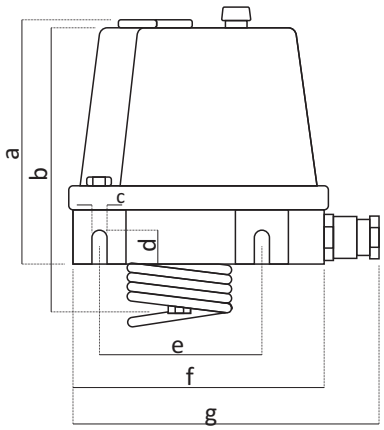
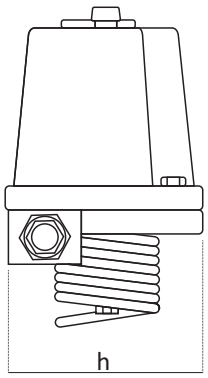
• 614 00 Brno • Czech Republic •

Order code 405 61113 xxxx Design		Microswitch A	Microswitch B	Range	Min. difference Microswitch A	Min. difference Microswitch B	Max. difference Microswitch A	Max. difference Microswitch B	Time factor T (s)	Max. overloading	Unit	Weight (kg)
T	61113	6011	6111	-40+0	2	4	12		up to 120	60	°C	0,6
T	61113	6012	6112	-25+15	2	4						
T	61113	6013	6113	0-40	1,5(2)	2(3)						
T	61113	6014	6114	20-60	2	4						

- Type 61 113 - room

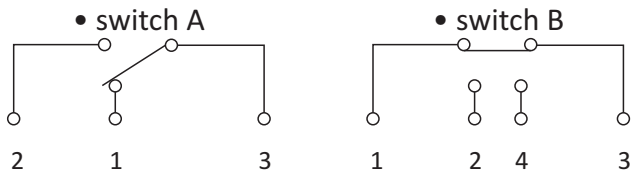






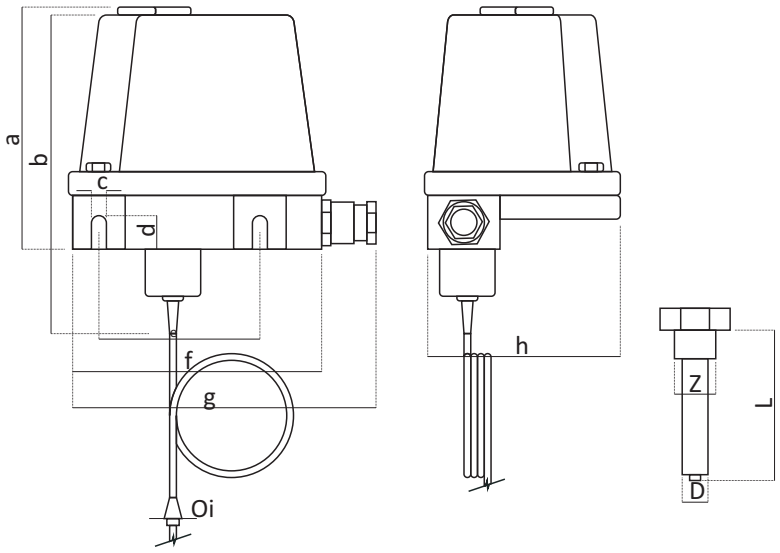
Dimensions in mm							
a	b	c	d	e	f	g	h
116	164	5,2	7	75	124	150	74

Wiring diagram



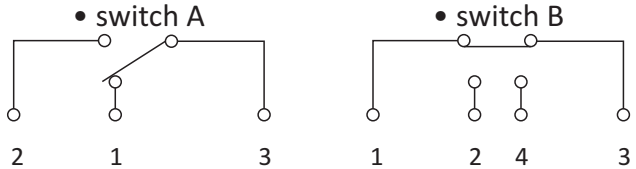
Order code 405 61126 xxxx Design		Microswitch A	Microswitch B	Range	Micro switch	Min. difference a	b	c	Max. difference a	b	c	Time factor T (s)	Max. over-loading	Unit	Length L (mm)	Dia-meter d (mm)	Weight (kg)
T	61126	601x	611x	-40+0	A	2	2	2	12	12	12						
					B	4	4	4									
T	61126	602x	612x	-25+15	A	2	2	2	12	12	12		60		100	8,6	0,75
					B	4	4	4									
T	61126	603x	613x	0-40	A	3	2	1,5	16	12	8				160	11,5	0,8
					B	5	4	3									
T	61126	604x	614x	30-90	A	3	2	1,5	20	12	7	up to 45	100	°C			
					B	5	4	3									
T	61126	605x	615x	70-140	A	3	2,5	1,5	20	12	7		150				
					B	5	4	3									
T	61126	606x	616x	110-180	A	3	2,5	2	20	12	8		190		100	8,6	0,75
					B	6	5	4									
T	61126	607x	617x	140-210	A	3	2,5	8	20	12	8		220				
					B	6	5	4									

- Type 61 126- capillary



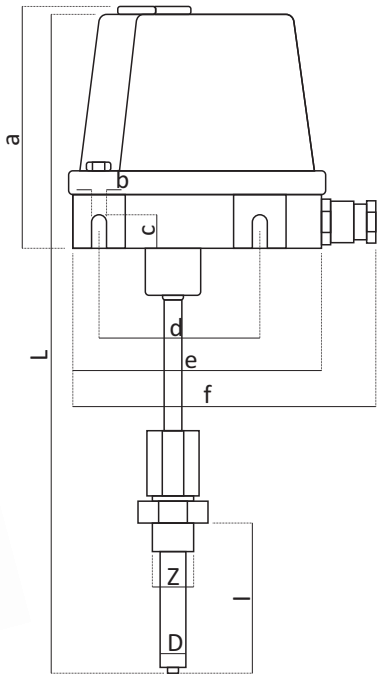
Dimensions in mm								
a	b	c	d	e	f	g	h	i
116	189	5,2	7	75	124	150	74	12

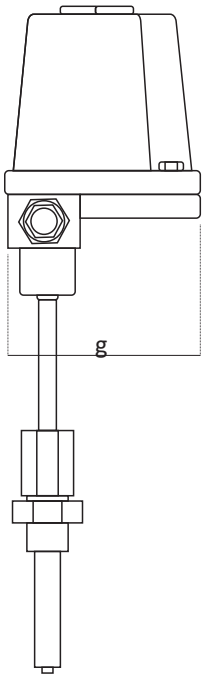
Wiring diagram



Order code 405 61134 xxxx Design		Microswitch A	Microswitch B	Range	Micro switch	Min. difference a	b	c	Max. difference a	b	c	Time factor T (s)	Max. over-loading	Unit	Length L (mm)	Weight (kg)
T	61134	601x	611x	-40-0	A	2	2	2	12	12	12					
					B	4	4	4								
T	61134	602x	612x	-25+15	A	2	2	2	12	12	12		60		355	0,9
					B	4	4	4								
T	61134	603x	613x	0-40	A	3	2	1,5	16	12	8	up to 45		°C	360	0,95
					B	5	4	3								
T	61134	604x	614x	30-90	A	3	2	1,5	20	12	8		100			
					B	5	4	3								
T	61134	605x	615x	70-140	A	3	2,5	1,5	20	12	7		150		355	0,9
					B	5	4	3								

- Type 61 134 - stem





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

Wiring diagram