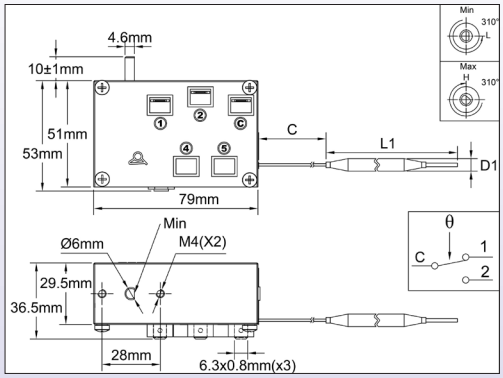
Types KR and KU, Single pole control thermostat, standard differential and reduced differential (Commercial type)

DIMENSIONS



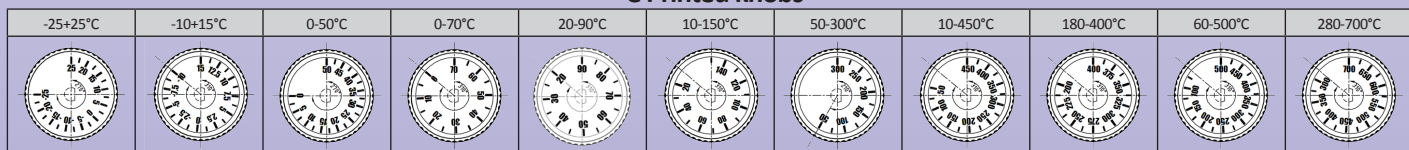
Housing dimensions: 79 x 53 x 36 mm (without terminals)
Bulb and capillary: copper for temperature ranges up to 50°C (122°F), stainless steel over, capillary length 1500 mm or 3000 mm. Capillary minimum bending radius 5mm.
Temperature sensing element: liquid filled bulb and capillary.
Terminals: 6.35 x 0.8 quick connect terminals (M4 screws also available on request),
Adjustment: Dia. 6 mm shaft with 4.6 mm flat, (other lengths or fixed setting available on request).
Mounting: Front bracket with 2 xM4 threads, 28 mm distance
Rating: 15A (1/4 HP) 250VAC, 15A 400V res. KU type cannot be used on 400V
Contacts: SPDT (snap action contact)
Electrical life: >500,000 cycles at nominal rating

Main references

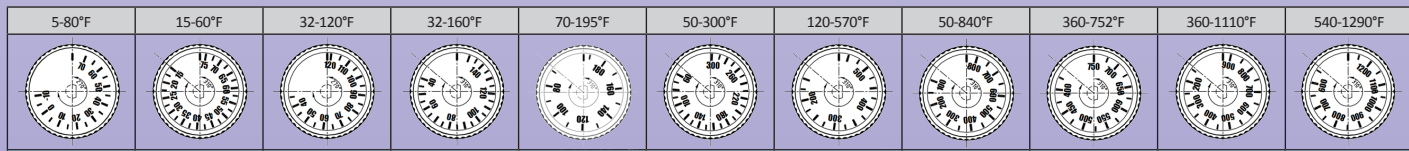
References with standard differential	References with reduced differential	Temperature range (°C/°F)	Capillary length (mm)	Bulb diameter (mm)	Bulb length (mm)	KR: Standard Differential (°C/°F)	KU: Reduced Differential (°C/°F)	Max temperature on bulb (°C/°F)
KRA-250252200	KUA-250252200	-25+25°C (-15+80°F)	1500	6.4	152	3±2°C (5.5±3.6 °F)	2±1°C (3.6±1.8 °F)	50°C (120°F)
KRA-1001552000	KUA-1001552000	-10+15°C (15-60°F)	1500	6.4	152	3±2°C (5.5±3.6 °F)	2±1°C (3.6±1.8 °F)	50°C (120°F)
KRA0000502000	KUA0000502000	0-50°C (32-120°F)	1500	6.4	152	3±2°C (5.5±3.6 °F)	2±1°C (3.6±1.8 °F)	60°C (140°F)
KRA0000705200	KUA0000705200	0-70°C (32-160°F)	1500	4.8	130	5±3°C (9±5.4°F)	3±2°C (5.5±3.6 °F)	160°C (320°F)
KRA0000701200	KUA0000701200	0-70°C (32-160°F)	3000	4.8	130	5±3°C (9±5.4°F)	3±2°C (5.5±3.6 °F)	160°C (320°F)
KRA0200905000	KUA0200905000	20-90°C (70-195°F)	1500	4.8	130	5±3°C (9±5.4°F)	3±2°C (5.5±3.6 °F)	160°C (320°F)
KRA0200901000	KUA0200901000	20-90°C (70-195°F)	3000	4.8	130	5±3°C (9±5.4°F)	3±2°C (5.5±3.6 °F)	160°C (320°F)
KRA0101505000	KUA0101505000	10-150°C (50-300°F)	1500	4.8	130	5±3°C (9±5.4°F)	3±2°C (5.5±3.6 °F)	160°C (320°F)
KRA0101501000	KUA0101501000	10-150°C (50-300°F)	3000	4.8	130	5±3°C (9±5.4°F)	3±2°C (5.5±3.6 °F)	160°C (320°F)
KRA0802000100	KUA0802000100	80-200°C (175-390°F)	1500	4	100	10±4°C (18±7°F)	7±3°C (12.5±5.4 °F)	320°C (610°F)
KRA0503000100	KUA0503000100	50-300°C (120-570°F)	1500	4	100	10±4°C (18±7°F)	7±3°C (12.5±5.4 °F)	320°C (610°F)
KRA0104507000	KUA0104507000	10-450°C (50-840°F)	1500	4.8	120	20±6°C (36±11°F)	12±4°C (22±7 °F)	760°C (1400°F)
KRA0104509000	KUA0104509000	10-450°C (50-840°F)	3000	4.8	120	20±6°C (36±11°F)	12±4°C (22±7 °F)	760°C (1400°F)
KRA0605007000	KUA0605007000	60-500°C (140-930°F)	1500	4.8	120	20±6°C (36±11°F)	12±4°C (22±7 °F)	760°C (1400°F)
KRA0605009000	KUA0605009000	60-500°C (140-930°F)	3000	4.8	120	20±6°C (36±11°F)	12±4°C (22±7 °F)	760°C (1400°F)
KRA1806007000	KUA1806007000	180-600°C (360-1110°F)	1500	4.8	120	20±6°C (36±11°F)	12±4°C (22±7 °F)	760°C (1400°F)
KRA1806009000	KUA1806009000	180-600°C (360-1110°F)	3000	4.8	120	20±6°C (36±11°F)	12±4°C (22±7 °F)	760°C (1400°F)
KRA2807007000	KUA2807007000	280-700°C (540-1290°F)	1500	3	300	20±6°C (36±11°F)	12±4°C (22±7 °F)	760°C (1400°F)

These thermostats are also available with screw driver adjustment, 20 or 30 mm shaft length
Caution: Bulbs and capillaries of ranges higher than 300°C are filled with sodium potassium eutectic. If they leak or are broken this liquid is flammable if in contact with water

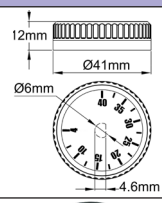
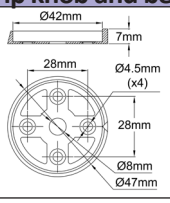
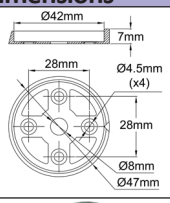
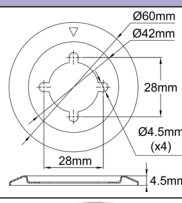
°C Printed knobs

-25+25°C	-10+15°C	0-50°C	0-70°C	20-90°C	10-150°C	50-300°C	10-450°C	180-400°C	60-500°C	280-700°C
										
66MZ006-250252FW	66MZ006-100153FW	66MZ0060000502FW	66MZ0060000703FW	66MZ0060200903FW	66MZ0060101503FW	66MZ0060503003FW	66MZ006014503FW	66MZ0061804003FW	66MZ0060605003FW	66MZ0062807003FW

°F Printed knobs

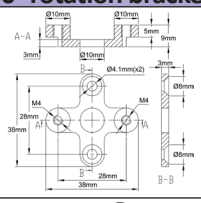
5-80°F	15-60°F	32-120°F	32-160°F	70-195°F	50-300°F	120-570°F	50-840°F	360-752°F	360-1110°F	540-1290°F
										
66MZ006-250252FX	66MZ006-100153FX	66MZ0060000502FX	66MZ0060000703FX	66MZ0060200903FX	66MZ0060101503FX	66MZ0060503003FX	66MZ006014503FX	66MZ0061804003FX	66MZ0060605003FX	66MZ0062807003FX

Soft grip knob and bezel dimensions

Dimensions				
References	66MZ.....	66EN1	66EN3	66EN2
Material	PC + Santoprene	Black ABS	Chrome plated ABS	Stainless steel

Many other knobs are available, see the full knob list at the end of this catalogue.

90° rotation bracket



66GA2890K
Black PA66

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