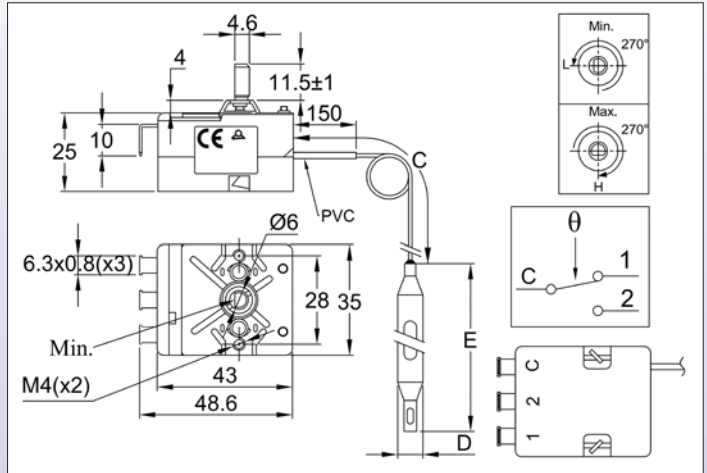
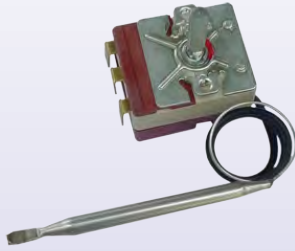


# Main bulb and capillary thermostats used in the Y housings

## Type 8G Single pole control thermostat (Appliances type)



**Housing dimensions:** 43 x 35 x 29 mm (without terminals)  
**Bulb and capillary:** stainless steel, 150 mm long pvc sleeve on capillary .Capillary minimum bending radius 5 mm.  
**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, length 11.5 mm. Other lengths, screw driver adjustment or fixed setting available on request.  
**Mounting:** Front bracket with 2 xM4 threads, 28 mm distance  
**Rating:** 16A(4) 250/VAC  
**Contacts:** SPDT (snap action contact),

### Main references

Reference	Temperature range (°C)	Capillary length (mm)	Bulb diameter (mm)	Bulb length (mm)	Differential (°C)	Max temperature on bulb (°C)
8GB-35035AO60001	-35+35°C	1500	6	98	3+/-2	55
8GB-35035AA60001	-35+35°C	250	6	98	3+/-2	55
8GB004040AO60001	4-40°C	1500	6	140	3+/-2	60
8GB004040AA60001	4-40°C	250	6	140	3+/-2	60
8GB030090AO60001	30-90°C	1500	6	87	4+/-3	120
8GB030110AO60001	30-110°C	1500	6	93	5+/-3	150
8GB050200AO60001	50-200°C	1500	6	59	8+/-5	250
8GB050300AO30001	50-300°C	1500	3	165	10+/-5	350

Other temperature ranges available on request.

### °C Printing

-35+35°C	4-40°C	30-90°C	30-110°C	50-200°C	50-300°C
66MZ006-350352FW	66MZ0060040402FW	66MZ0060300901FW	66MZ0060301101FW	66MZ0060502001FW	66MZ0060503001FW

### °F Printing

66MZ006-350352FX	66MZ0060040402FX	66MZ0060300901FX	66MZ0060301101FX	66MZ0060502001FX	66MZ0060503001FX

### Soft grip knob and bezels dimensions

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

Many other knobs are available, see the knobs catalogue.

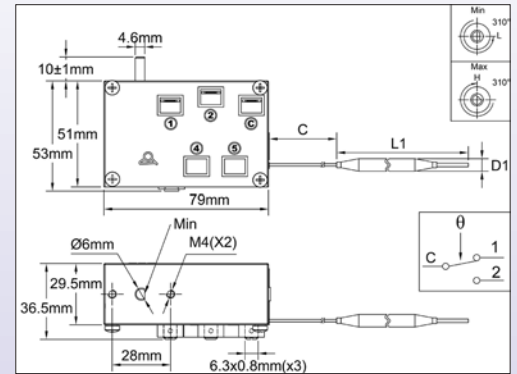


# Main bulb and capillary thermostats used in the Y housings

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



**Housing dimensions:** 79 x 53 x 36 mm (without terminals)  
**Bulb and capillary:** copper for temperature ranges up to 50°C, 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 x M4 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

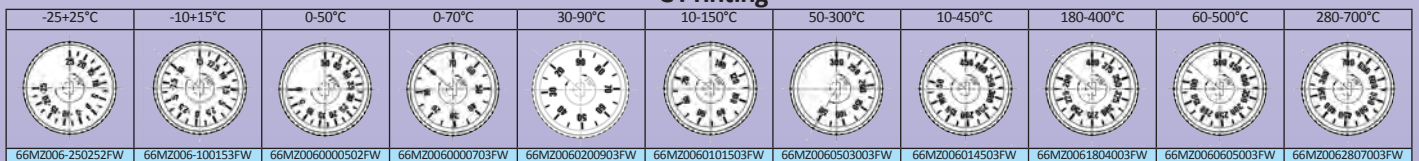


### Main references

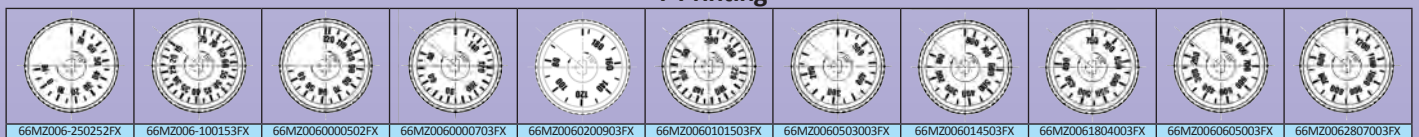
References with standard differential	References with reduced differential	Temperature range (°C)	Capillary length (mm)	Bulb diameter (mm)	Bulb length (mm)	KR: Standard Differential (°C)	KU: Reduced Differential (°C)	Max temperature on bulb (°C)
KRA-250252200	KUA-250252200	-25+25	1500	6.4	152	3+/-2	2+/-1	50
KRA-1001552000	KUA-1001552000	-10+15	1500	6.4	152	3+/-2	2+/-1	50
KRA0000502000	KUA0000502000	0-50	1500	6.4	152	3+/-2	2+/-1	60
KRA0000705200	KUA0000705200	0-70	1500	4.8	120	5+/-3	3+/-2	160
KRA0000701200	KUA0000701200	0-70	3000	4.8	120	5+/-3	3+/-2	160
KRA0200905000	KUA0200905000	20-90	1500	4.8	120	5+/-3	3+/-2	160
KRA0200901000	KUA0200901000	20-90	3000	4.8	120	5+/-3	3+/-2	160
KRA0101505000	KUA0101505000	10-150	1500	4.8	120	5+/-3	3+/-2	160
KRA0101501000	KUA0101501000	10-150	3000	4.8	120	5+/-3	3+/-2	160
KRA0802000100	KUA0802000100	80-200	1500	4	100	10+/-4	7+/-3	320
KRA0503000100	KUA0503000100	50-300	1500	4	100	10+/-4	7+/-3	320
KRA0104507000	KUA0104507000	10-450	1500	4.8	120	20+/-6	12+/-4	760
KRA0104509000	KUA0104509000	10-450	3000	4.8	120	20+/-6	12+/-4	760
KRA0605007000	KUA0605007000	60-500	1500	4.8	120	20+/-6	12+/-4	760
KRA0605009000	KUA0605009000	60-500	3000	4.8	120	20+/-6	12+/-4	760
KRA1806007000	KUA1806007000	180-600	1500	4.8	120	20+/-6	12+/-4	760
KRA1806009000	KUA1806009000	180-600	3000	4.8	120	20+/-6	12+/-4	760
KRA2807008000	KUA2807008000	280-700	1500	3	300	20+/-6	12+/-4	760

These thermostats are also available with screw driver adjustment, 20 and 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 Printing



### °F Printing



### Soft grip knob and bezels dimensions

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

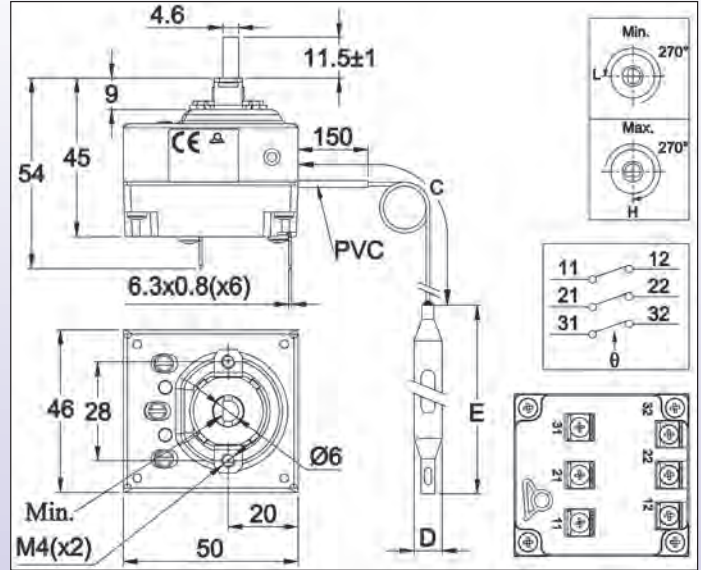
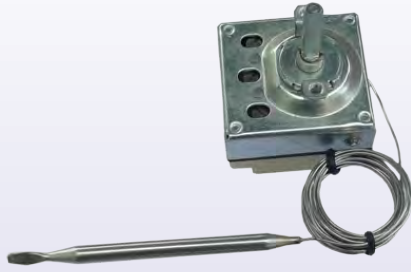
Many other knobs are available, see the knobs catalogue.

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# Main bulb and capillary thermostats used in the Y housings

## Type 8C 3 pole control thermostat



**Housing dimensions:** 46 x 50 x 45 mm (without terminals)

**Bulb and capillary:** stainless steel, capillary length 250mm or 1500 mm, 150 mm long PVC sleeve on capillary. Capillary minimum bending radius 5 mm.

**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:** 3 x 16A(4) 250VAC, 10A 400VAC

**Contacts:** 3 x ST with snap action contact, 3PDT available on request

### Main references

Reference	Temperature range (°C)	Capillary length (mm)	Bulb diameter (mm)	Bulb length (mm)	Differential (°C)	Max temperature on bulb (°C)
8CB-35035AO60001	-35+35	1500	6	95	4+/-2	50
8CB-35035AA60001	-35+35	250	6	95	4+/-2	50
8CB004040AO60001	4-40°C	1500	6	160	4+/-2	50
8CB004040AA60001	4-40°C	250	6	160	4+/-2	50
8CB030090AO60001	30-90°C	1500	6	86	6+/-3	110
8CB030110AO60001	30-110°C	1500	6	70	6+/-3	130
8CB050200AO60001	50-200°C	1500	6	57	13+/-4	220
8CB050300AO30001	50-300°C	1500	3	165	15+/-5	320

### °C Printing

-35+35°C	4-40°C	30-90°C	30-110°C	50-200°C	50-300°C
66MZ006-350352FW	66MZ0060040402FW	66MZ0060300901FW	66MZ0060301101FW	66MZ0060502001FW	66MZ0060503001FW

### °F Printing

66MZ006-350352FX	66MZ0060040402FX	66MZ0060300901FX	66MZ0060301101FX	66MZ0060502001FX	66MZ0060503001FX

### Soft grip knob and bezels dimensions

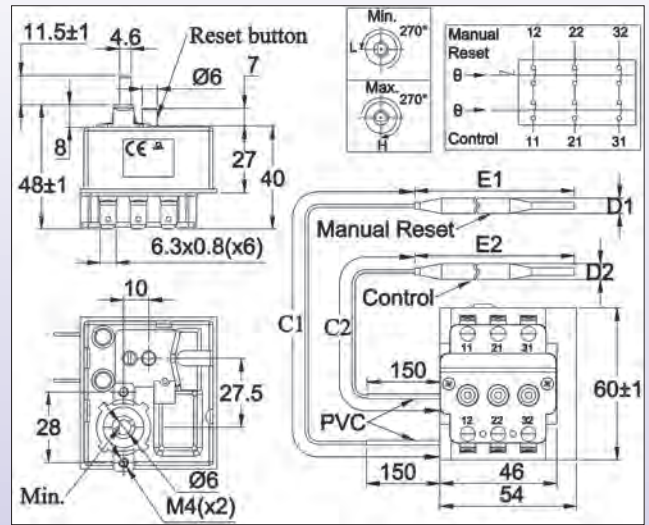
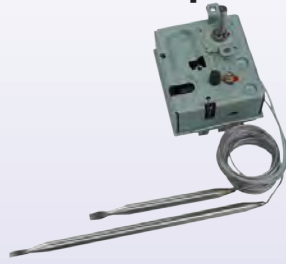
Dimensions	References	Material
	66MZ.....	PC +Santoprene
	66EN1	Black ABS
	66EN3	Chrome plated ABS
	66EN2	Stainless steel

Many other knobs are available, see the knobs catalogue.



# Main bulb and capillary thermostats used in the Y housings

## Type 8I 3 pole combination control thermostat

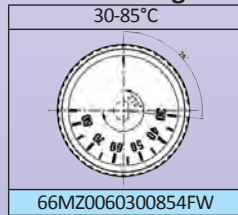


**Housing dimensions:** 60 x 54 x 48 mm (without terminals)  
**Bulb and capillary:** stainless steel, capillary length 250mm or 150 mm, 150 mm long pvc sleeve on capillary .Capillary minimum bending radius 5 mm.  
**Temperature sensing element:** liquid filled bulb and capillary.  
**Terminals:** 6.35 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:** 3 x16A 250VAC, 10A 400VAC (res.)  
**Contacts:** : 3 poles ST (snap action contact)

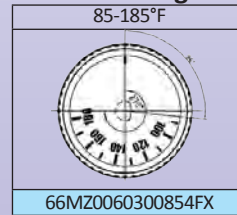
### Main references

Reference	Temperature range (°C)	Capillary length (mm)	Bulb diameter (mm)	Bulb length (mm)	Differential (°C)	Max temperature on bulb (°C)	Manual reset temperature
8IC085110AO60001	30-85°C	1500	6	94 (E1) 129 (E2)	12 +/-6	170°C (E1) 140° (E2)	110°C+0/-9°C

### °C Printing



### °F Printing



### Soft grip knob and bezels dimensions

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

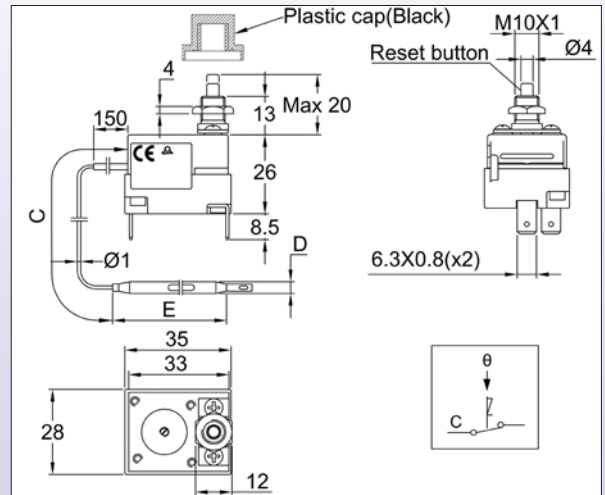
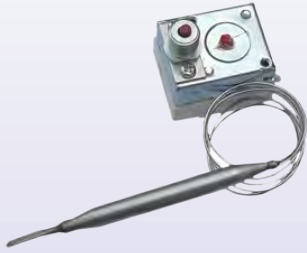
Many other knobs are available, see the knobs catalogue.

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# Main bulb and capillary thermostats used in the Y housings

## Type 8L SPNC manual reset high limit, fail safe



**Housing dimensions:** 43 x 35 x 29 mm (without terminals)  
**Bulb and capillary:** stainless steel, capillary length 250mm or 1500 mm, 150 mm long PVC sleeve on capillary. Capillary minimum bending radius 5 mm.  
 Temperature sensing element: liquid filled bulb and capillary.  
**Terminals:** 6.35 x 0.8 quick connect terminals (M4 screws also available on request),  
**Adjustment:** fixed setting, sealed  
**Manual reset:** fail safe, fixed setting, front access reset button  
 Fail safe contact action by low temperature: Temperatures under -10°C will trigger the manual reset.  
**Mounting:** Front bushing, M10 x1 thread  
**Rating:** 16A 250/400VAC  
**Contacts:** SPST (snap action contact)  
**Max ambient temperature on body:** 150°C

### Main references

Reference	Calibration Temperature (°C)	Minimum resettable temperature (°C)	Capillary length (mm)	Bulb diameter (mm)	Bulb length (mm)	Max temperature on bulb (°C)
8L0080105AO61001	80+/-8	52	1500	6	77	105
8L0080105AA61001	80+/-8	52	250	6	77	105
8L0090115AO61001	90+/-8	60	1500	6	77	115
8L0110135AO61001	110+/-8	75	1500	6	77	135
8L0130155AO61001	130+/-8	80	1500	6	74	155
8L0150175AO61001	150+/-8	95	1500	6	74	175
8L0175200AO41001	175+/-8	115	1500	4	95	200
8L0220245AO41001	220+/-11	140	1500	4	90	245
8L0270295AO41001	270+/-13	160	1500	4	85	295
8L0300325AO41001	300+/-15	160	1500	4	82	325

Other temperatures and capillary lengths on request.

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