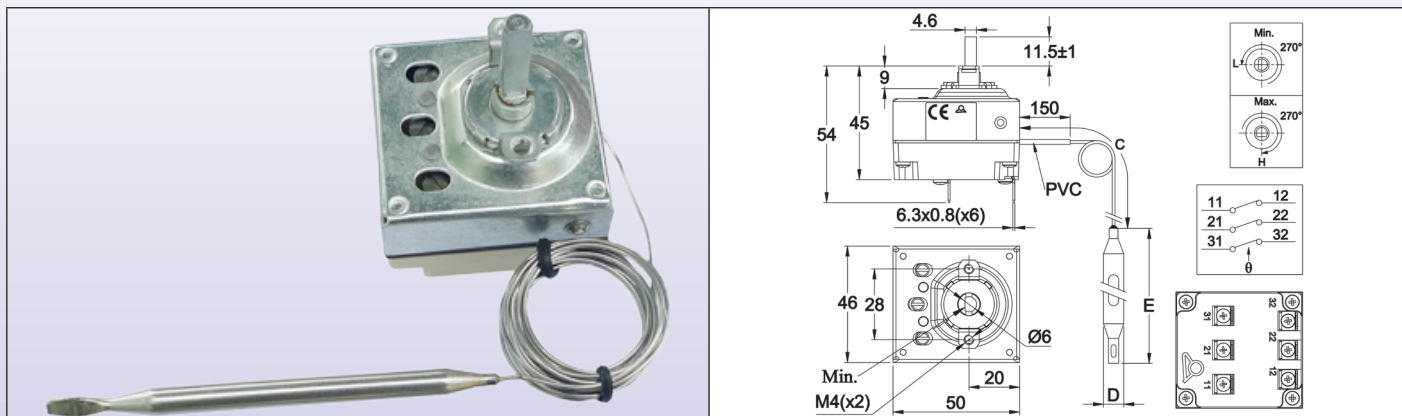


# Control Thermostats

**3 × 16A control thermostats,  
staggered or almost simultaneous contacts.**

**Type 8C**

**Dimensions**



## Technical features

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

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

**Temperature sensing element:** Liquid filled bulb and capillary.

**Terminals:** 6.35 × 0.8 quick connect terminals. M4 screws also available on request.

**Adjustment:** Dia. 6mm shaft with 4.6mm flat, (other lengths or fixed setting available on request).

**Mounting:** Front bracket with 2 × M4 threads, 28mm distance.

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

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

**Max ambient temperature:** 115°C (239°F)

**Acceptable degree of pollution for use in 250V: 3**

**Acceptable degree of pollution for use in 400V: 2**

## Main references

| Reference        | Temperature range (°C/°F) | Capillary length (mm) | Bulb diameter (mm) | Bulb length (mm) | Differential (°C/°F) | Max temperature on bulb (°C/°F) |
|------------------|---------------------------|-----------------------|--------------------|------------------|----------------------|---------------------------------|
| 8CB-35035AO60001 | -35+35°C (-30+95°F)       | 1500                  | 6                  | 95               | 4±2°C/ 7±3.6°F       | 50°C/ 122°F                     |
| 8CB-35035AA60001 | -35+35°C (-30+95°F)       | 250                   | 6                  | 95               | 4±2°C/ 7±3.6°F       | 50°C/ 122°F                     |
| 8CB004040AO60001 | 4-40°C (40-105°F)         | 1500                  | 6                  | 160              | 4±2°C/ 7±3.6°F       | 50°C/ 122°F                     |
| 8CB004040AA60001 | 4-40°C (40-105°F)         | 250                   | 6                  | 160              | 4±2°C/ 7±3.6°F       | 50°C/ 122°F                     |
| 8CB030090AO60001 | 30-90°C (85-195°F)        | 1500                  | 6                  | 86               | 6±3°C/ 10.8±5.4°F    | 110°C/ 230°F                    |
| 8CB030110AO60001 | 30-110°C (85-230°F)       | 1500                  | 6                  | 70               | 6±3°C/ 10.8±5.4°F    | 130°C/ 266°F                    |
| 8CB050200AO60001 | 50-200°C (120-390°F)      | 1500                  | 6                  | 57               | 13±4°C/ 23.4±7.2°F   | 220°C/ 428°F                    |
| 8CB050300AO30001 | 50-300°C (120-570°F)      | 1500                  | 3                  | 165              | 15±5°C/ 27±9°F       | 320°C/ 608°F                    |

## °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

| 30+95°F          | 40-105°F         | 85-195°F         | 85-230°F         | 120-390°F        | 120-570°F        |
|------------------|------------------|------------------|------------------|------------------|------------------|
|                  |                  |                  |                  |                  |                  |
| 66MZ006-350352FX | 66MZ0060040402FX | 66MZ0060300901FX | 66MZ0060301101FX | 66MZ0060502001FX | 66MZ0060503001FX |



# Control Thermostats

## 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.