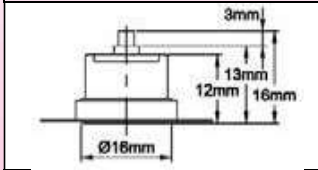


# Single pole manual reset disc thermostat, 1/2", snap action. 16A 250V Type 4R05

## DIMENSIONS



## TECHNICAL FEATURES

**Case:** Phenolic resin (ceramic on request)  
**Sensing element:** Bimetal disc  
**Calibration:** Factory fixed setting, from 30°C to 150°C (86 à 302°F). Not adjustable.  
**Standard calibration tolerances** ±4°C to ±6°C (±39.2 à ±42.8°F) upon models  
**Terminals:** 6.3 or 4.8 quick connect, or welding terminals  
**Differential:** Manual reset  
**Mounting:** with or without bracket  
**Main bracket models:**  
 • Loose bracket, two oval holes 3.2 x 3.5, for M3 screws, 24.5 mm distance  
 • Flat fixed bracket, two oval holes 3.2 x 3.5, for M3 screws, 24.5 mm distance  
 • Flat cup bracket, two oval holes 3.2 x 4.2, for M3 screws, 24 mm distance  
 • M4 or M5 center stud on request  
**Cap materials:** stainless steel (SS) or aluminum (AL)  
**Ratings:**  
**UL:** AC120V/15A, AC240V/10A  
**CSA:** AC 125V/15A, AC250V/8A  
**VDE:** AC 250V/16A

## Main bracket types

1 No bracket	2 Loose bracket	3 Flat fixed bracket	4 Extended cup bracket

## Main terminal types

A 6.3 vertical	B 6.3 horizontal	C 4.8 vertical	D 4.8 horizontal
E Vertical solder, radius output	F Horizontal solder	G Open vertical solder	H 6.3 vertical downside

## Angle between terminals and bracket

30°	45°	60°	90°

## Accessories (See more at the end of this catalogue)

Boot without bracket (Can be used with terminals type E and G), for flat cable or 2 conductors	Boot without bracket (Can be used with terminals type E and G), for round cable dia. 6 to 8 mm	Boot with stainless steel bracket (can be used with terminals type E and G, thermostat bracket type 4 with 45° angle), for flat cable or 2 conductors	Allows to mount a manual reset disc thermostat with side actuated button. Needs a 10 mm drill on the side mounting wall.
<b>Reference</b> 9BBJO100004015A	<b>Reference</b> 9BBJO100004017A	<b>Reference</b> 9BBJO100004019A (Silicone boot)+9BBAE100000017A (Bracket)	<b>Reference</b> 6Y4903RESET90



## MAIN REFERENCES (usually available from stock\*)

References	Open (°C/°F)	Tolerance (°C/°F)	Bracket style	Bracket material	Terminal style	Terminal to bracket hole angle
4R05EJ050RMDCSV047	50°C/122°F	±4°C/±39.2°F	1	SS	G	N/A
4R05EJ055RMCCSVF44	55°C/131°F	±3°C/±37.4°F	4	SS	G	45°
4R05EJ055RMCCSVF41	55°C/131°F	±3°C/±37.4°F	4	SS	G	135°
4R05EJ065RMDCSVF44	65°C/149°F	±4°C/±39.2°F	4	SS	G	45°
4R05EJ070RMDCSV47	70°C/158°F	±4°C/±39.2°F	2	SS	G	N/A
4R05EJ075RMDCSV47	75°C/167°F	±4°C/±39.2°F	2	SS	G	N/A
4R05EJ075RMDCSVF44	75°C/167°F	±4°C/±39.2°F	4	SS	G	45°
4R05EJ085RMDCSVF44	85°C/185°F	±4°C/±39.2°F	4	SS	G	45°
4R05EJ090RMDL6VM37	90°C/194°F	±4°C/±39.2°F	2	AL	A	N/A
4R05EJ090RMDCSVF44	90°C/194°F	±4°C/±39.2°F	4	SS	G	45°
4R05EJ120RMDCSVF44	120°C/248°F	±4°C/±39.2°F	4	SS	G	45°
4R05NJ150RMEL6HM37	150°C/302°F	±6°C/±42.8°F	2	AL	B	N/A

\* products usually available from stock in one of the Ultimheat Alliance members

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