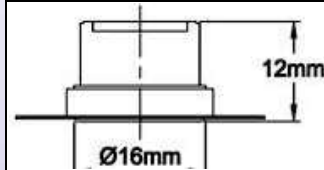


Snap action bimetal disc thermostat, 1/2" disc. 12 mm thickness, 16A 250V Type 4903

DIMENSIONS



TECHNICAL FEATURES

Case: Phenolic resin (ceramic on request)
Sensing element: Bimetal disc
Calibration: Factory fixed setting, from 15°C to 150°C, 5 to 302°F F (200°C, 392°F with ceramic body). Not adjustable. Standard calibration tolerances ±4°C to ±6°C, ±39.2°F à 42.8°F upon models
Terminals: 6.3 or 4.8 quick connect , or welding terminals
Differential: Factory set, from 10°C to 25°C, 50°F to 77°F
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°

MAIN REFERENCES (usually available from stock*)

References	Open ** °C/°F	Tolerance ±°C/±°F	Close °C/°F	Tolerance ±°C/±°F	Bracket Nr	Bracket material	Terminal Nr	Angle terminal- bracket
4903EJ00905CCSV037	10/50	3/37.4	5/41	4/39.2	1	AL	E	N/A
4903EJ00905CCSVM37	10/50	3/37.4	5/41	4/39.2	2	AL	E	N/A
4903EJ01808CL6VM37	18/64.4	3/37.4	10/50	4/39.2	2	AL	A	N/A
4903EJ04010CCSVF44	40/104	3/37.4	30/86	3/37.4	4	SS	G	45°
4903EJ04512CL6V037	45/113	3/37.4	33/91.4	4/39.2	1	AL	A	N/A
4903EJ04512CL6VM37	45/113	3/37.4	33/91.4	4/39.2	2	AL	A	N/A
4903EJ05010DL6VM39	50/122	4/39.2	40/104	5/41	2	AL	A	90
4903EJ05010DCSVF47	50/122	4/39.2	40/104	3/37.4	1	SS	G	N/A
4903EJ05510DCSVF44	55/131	4/39.2	45/113	3/37.4	4	SS	G	45°
4903EJ06010CL6HM37	60/140	4/39.2	50/122	5/41	2	AL	B	N/A
4903EJ06010CL6VM37	60/140	4/39.2	50/122	5/41	2	AL	A	N/A
4903EJ06010DCSV037	60/140	4/39.2	50/122	5/41	1	AL	E	N/A
4903EJ06010DCSVM37	60/140	4/39.2	50/122	5/41	2	AL	E	N/A
4903EK07010CL6VM37	60/140	4/39.2	70/158	5/41	2	AL	A	N/A
4903EJ06010DCSVF34	60/140	4/39.2	50/122	3/37.4	4	AL	G	45°
4903EJ06015DCSVF34	60/140	4/39.2	45/113	4/39.2	4	AL	G	45°
4903EJ06510CL6V037	65/149	4/39.2	55/131	5/41	1	AL	A	N/A
4903EJ06510DL6VF39	65/149	4/39.2	55/131	5/41	4	AL	A	90
4903EJ06510DCSVF47	65/149	4/39.2	55/131	3/37.4	1	SS	G	N/A
4903EJ07020DL6VM37	70/158	4/39.2	50/122	5/41	2	AL	A	N/A
4903EJ07010CL6VF37	70/158	4/39.2	60/140	5/41	4	AL	A	90
4903EJ07010DCSVF34	70/158	4/39.2	60/140	3/37.4	4	AL	G	45°
4903EJ07510DCSVF44	75/167	4/39.2	65/149	3/37.4	4	SS	G	45°
4903EJ07510DCSVF34	75/167	4/39.2	65/149	3/37.4	4	AL	G	45°
4903EJ08016DL6HM37	80/176	4/39.2	64/147.2	5/41	2	AL	B	N/A
4903EJ08818DL6VM37	88/190.4	4/39.2	70/158	5/41	2	AL	A	N/A
4903EJ09510CCSVF44	95/203	3/37.4	85/185	3/37.4	4	SS	G	45°

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

** Temperature in red= close on rise model

These thermostats can be fitted inside various housings, overmolded and wired*. Some examples:

Dia 18 mm tubular pocket	Waterproof tube mounting	Waterproof, with electrical contact protection	Waterproof, epoxy resin potted, 2 thermostats with the same bracket	Waterproof, 1/2" fitting	Waterproof, M20 fitting	Waterproof, Cnomo connector	Waterproof, automotive connector	Pipe mounting with connection box	Cable output, with flexible boot

* These assemblies are made in the UL certified wiring harnesses production line of JPC

Because of permanent improvement of our products, drawings, descriptions, features used on these data sheets are for guidance only and can be modified without prior advice

Unless exceptionally specified by this logo, products and components in this catalogue are made by Ultimheat alliance members.