



Mechanical thermostats

A19
Capillary and space thermostats, IP30

These thermostats are available with fixed or adjustable differential. The various control ranges cover a broad range of temperature applications with a minimum number of models.

On request a built-in high or low limit stop is possible and can be adjusted quickly and easily in the field. All models have a universal way of adjustment. For this purpose a knob and sealing cap are enclosed.

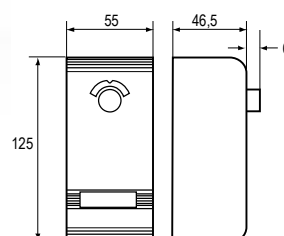
All are equipped with IP50 enclosure.

Features

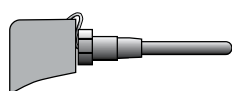
- ▶ Liquid filled sensing element
- ▶ Dust tight Penn switch
- ▶ Trip free manual reset
- ▶ Front adjustment

Application

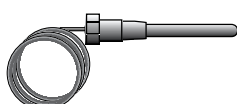
These thermostats are designed for refrigeration, cooling, heating, ventilation and air-conditioning applications. Standard models are provided for remote sensing or room sensing. Models with manual reset are available for low or high limit functions.



Dimensions in mm



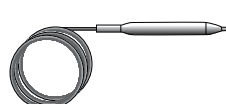
Style 2



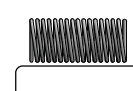
Style 4H



Style 1a



Style 1b



Style 3

Ordering information

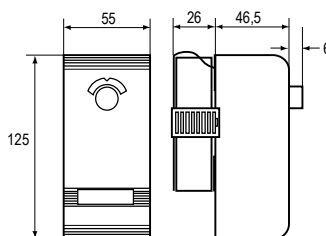
A19A capillary thermostats

Codes	Range (°C)	Diff. (K) fixed	Style	Cap. length (m)	Bulb size (mm)	Switch 8A auto recycle	Additional features
A19AAC-9005	-5 to +28	2	1b	2	135	SPDT open low	---
A19AAC-9009	40 to 120	3.5			100	SPDT open high	
A19AAC-9102	-35 to +10	2.5			110		
A19AAC-9107	35 to 150	4	1a		265		SPDT open low
A19AAC-9108	90 to 290	5.5			155	---	
A19AAC-9123	0 to 10	2.5			80	Bulb Ø 9.3 mm	
A19AAC-9124	-5 to +28	2	1b	5	135	SPDT open low	---
A19AAC-9127	1 to 60	1.5		3	115		Maximum bulb temperature 85 °C
A19AAC-9130	-10 to +14	2.5		2	110		Case compensation, low limit stop at 2 °C
A19AAF-9101	0 to 10	1.5	1a		80	SPDT open low	Ø 9.3 mm bulb
A19AAF-9102							Ø 9.3 mm bulb, case compensation
A19AAF-9103	5 to 32	0.8	1b			155	SPDT open high

Mechanical thermostats

A19

Ordering information



Dimensions in mm

Codes	Range (°C)	Diff. (K) fixed	Style	Cap. length (m)	Bulb size (mm)	Switch 8A auto recycle	Additional features
A19A capillary thermostats							
A19ABC-9011	40 to 120	3 to 13	2	---	---	SPDT open high	½-14NPT connector
A19ABC-9012			4H	2	---		
A19ABC-9036	-35 to +40	2.8 to 8	1b	6.5	110	5 A switch, SPDT open low	Universal replacement
A19ABC-9037	-35 to +40			3.5		---	
A19ABC-9103	-35 to +10	2.8 to 11		2	135	SPDT open low	---
A19ABC-9104	-5 to +28	2 to 8		2			
A19ABC-9106	10 to 95	3.5 to 14	1a	3.5	75	SPDT open high	Diam. 7.4 mm bulb
A19ABC-9116	1 to 60	2 to 8.5	1b	3	115	SPDT open low	Max. bulb temp. 85 °C
A19ABC-9117				5			
A19AGF-9101*	0 to 13	1.5 fixed	1a	2	80		3 A switch (see bull. 3545), no enclosure, cal. pointer with dial, screwdriver slot, case compensation, bulb Ø 9.3 mm, bulk pack
A19ACC capillary thermostat, lock-out low with manual reset							
A19ACC-9100	-35 to 10	6	1b	2	110	SPDT open low	---
A19ACC-9101	-5 to 28	4			5		
A19ACC-9103				3.5			110
A19ACC-9105	-35 to 10	6		3	135		---
A19ACC-9107	-5 to 28	4		5	110		Low limit stop set at 2 °C
A19ACC-9111	-35 to 10	6		6.5			Low limit stop set at 3 °C, universal replacement
A19ACC-9116							
A19ADC capillary thermostat, lock-out high with manual reset							
A19ADC-9200	40 to 120	7	2	---	---	SPDT open high	1/2-14 NPT connector
A19B space thermostats							
A19BAC-9001	0 to 43	2	3	---	---	SPDT open high	Vinyl coated element
A19BAC-9250	-35 to 10	2.5				SPDT open low	
A19BAC-9251	-5 to 28	2				SPDT open low, 5A	
A19BBC-9275	-35 to 40	2.8 to 8					
A19D strap-on thermostats							
A19DAC-9001	40 to 120	4.5	20	---	---	SPDT open high	8 A switch, NEMA 1 enclosure, universal adjustment, including mounting strap
A19DAF-9001	92 to 116	2	20				3 A switch, universal adjustment, including mounting strap

Note: * Quantity orders only