



## Other Capillary Thermo-Regulators

### Application

Air Conditioning Devices, Refrigerators and Wine Cellars

### Description

Temperature regulation device (capillary type)

### Features

- Accurate temperature control
- Standard preset or OEM customized temperature ranges
- Standard mounting brackets

Technical Characteristics for Refrigeration Thermostats

Operational Properties	Model	S3ART5VC81		S3ART5VG10		S3ART5C212	
	State	Cold	Warm	Cold	Warm	Cold	Warm
	ON °C	1.0±1.5	3.5±2	-1±1.5	5±2	2.1±1.5	6.6±2
Electric Strength	OFF °C	-1.0±1.5	2.0±2	-4±1.5	2±2	-9.3±1.5	-2.8±2
	Voltage	1-2AC 240-250V 50Hz					
	Amps	COSØ=1 A20					
Type of Switch		SPST					
Contact Resistance		Less than 50Ω					
Insulation resistance		More than 100MΩ at DC 500V					
Insulation Withstand Voltage		Withstand AC 1500V for 1 min					
Temperature Change Pace		<1° C/min					
Contact Life		~100,000 times					
Capillary Length (mm)		500±20	260±20	770±20			
Injected Material		(G) Gas					
Allowable Temp		< 80 °C					
* also available for AC 110-120V							

Minimum Order Quantity: 5,000 pcs. per type.

*Operational characteristics are taken from the second test.*

Technical Characteristics for Air conditioning Thermostats

Operational Properties	Model	S3ART17B6		S3ART24A144		S3ART28KT16	
	State	Cold	Warm	Cold	Warm	Cold	Warm
	ON °C	22±1.5	34±2	19±1.5	30±2	DIEF 2~3.5	34±2.5
Electric Strength	OFF °C	19±1.5	32±2	16±1.5	28±2	11±1.5	DIEF 2~3.5
	Voltage	1-2AC 240-250V 50Hz					
	Amps	COSØ=1 A20					
Type of Switch		SPST					
Contact Resistance		Less than 50Ω					
Insulation resistance		More than 100MΩ at DC 500V					
Insulation Withstand Voltage		Withstand AC 1500V for 1 min					
Temperature Change Pace		<1° C/min					
Contact Life		~100,000 times					
Capillary Length (mm)		340±20	460±20	470±20			
Injected Material		(G) Gas					
Allowable Temp		< 80 °C					
* also available for AC 110-120V							

Minimum Order Quantity: 5,000 pcs. per type.

*Operational characteristics are taken from the second test.*

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