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کنترل کننده (ترموستات) دما دیجیتال

TEMPERATURE CONTROLLER SERIES

NG



۰۹۱۲۰۰۶۱۶۹۷ ۶۶۳۸۳۴۰۶
۰۹۱۲۰۰۶۱۶۹۸ ۶۶۳۸۳۴۰۸
۶۶۳۸۳۴۰۹

RELIABLE STRATEGIC PARTNER

BEM 温控器系列

BEM Temperature controller series



① 仪表尺寸: 宽X高 (单位:mm)

Instrument size: width X height (unit:mm)

型号 model	面板尺寸 Panel size	壳体尺寸 Shell size	开孔尺寸 Hole Size
BEM102	48X48	48X48X88	45X45
BEM402	48X96	48X96X88	45X92
BEM702	72X72	72X72X88	68X68
BEM902	96X96	96X96X88	92X92

② 输入信号 input signal

名称 name	K	J	R	S	B	E	N	T	PT	CU	O.K	0-50	0-5V	1-50
代号 Code	K	J	R	S	B	E	N	T	PT	CU	O.K	0-50	0-5V	1-50

③ 主控输出 master output

1-继电器触点输出(RELAY) M-relay contact output (RELAY)
2-逻辑电平输出(固态输出) 2-logic level output (solid state output)
3-PID 4-20mA输出(定制) 3-PID 4-20mA output (customized)
4-可控硅移相触发/过零触发(定制) 4- SCR phase shift trigger/zero crossing trigger (customized)
5-30A继电器(定制) 5-30A relay (customized)
6-变送4-20mA输出(定制) 6-transmission 4-20mA output (customized)

④ 报警输出1 Alarm output 1

AL1T/AL2T的值 Value of AL1T/AL2T	意义 significance	AL1T/AL2T的值 Value of AL1T/AL2T	意义 significance
0	无报警, 默认情况下不会出显AL1, AL2菜单 No alarm, AL1, AL2 menu will not be displayed by default	6	带内(区间内)报警 In-band (in-zone) alarm
1	上限绝对值报警 Upper limit absolute value alarm	P-1	带上电保持功能的上限绝对值报警 Upper limit absolute value alarm with power-on hold function
2	上限偏差报警(第一报警默认值) Upper limit deviation alarm (first alarm default value)	P-2	带上电保持功能的上限偏差报警 Upper limit deviation alarm with power-on hold function
3	下限绝对值报警(第二报警默认值) Lower limit absolute value alarm (second alarm default value)	P-3	带上电保持功能的下限绝对值报警 Lower limit absolute value alarm with power-on hold function
4	下限偏差报警 Lower limit deviation alarm	P-4	带上电保持功能的下限偏差报警 Lower limit deviation alarm with power-on hold function
5	带外(区间外)报警 Out-of-band (out of interval) alarm		

⑤ 报警输出2与报警输出1一样 Alarm output 2 is the same as alarm output 1

定时功能允许/Timing function allows

0. 无计时

1. 主控输出计时 当ALT达到计时温度后, 开始计时。计时结束后, 关闭控制输出; 并等待操作; SP数码管4个小数点按半秒闪烁, 表示计时结束, 并关闭输出。需要; 并按BL设置开启AL2。
2. 单次计时 当ALT达到计时温度后, 开始计时, 计时结束后, 不关闭控制输出, 仅起提醒作用, 按BL设置开启AL2。AL2计时结束后停止计时。
3. 循环计时 当ALT达到计时温度后, 开始计时, 计时结束后, 不关闭控制输出, 仅起提醒作用, 按BL设置开启AL2。AL2计时结束后, 重新ALT达到温度后计时, 并循环。
4. 定时启动 开机后, 延时ST时间后, 主控才开始输出。

0. No alarm

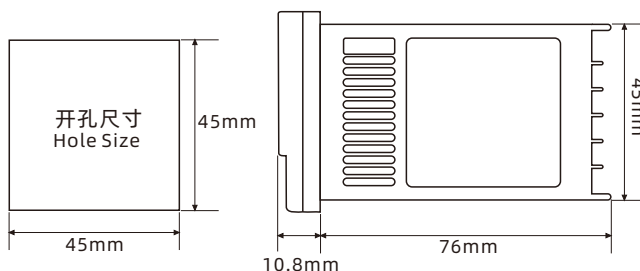
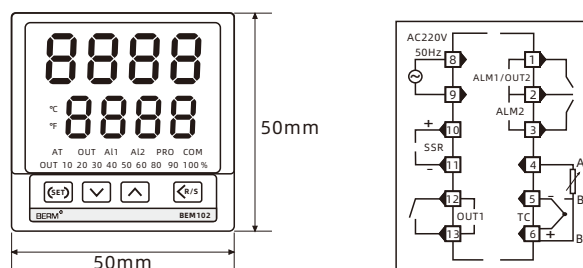
1. Main control output timing When ALT reaches the timing temperature, start timing. After the timing is over, turn off the control output; and wait for the operation; the 4 decimal points of the SP digital tube flash for half a second, indicating that the timing is over, and the output is turned off. Required; and press the BL setting to turn on AL2
2. Single timer When the ALT reaches the timer temperature, the timer starts. After the timer ends, the control output is not turned off, but only serves as a reminder. Press the BL setting to turn on AL2. Stop timing after AL2 timing ends
3. Cycle timing When ALT reaches the timing temperature, it starts timing. After timing is over, the control output is not turned off, but only serves as a reminder. Press the BL setting to turn on AL2. After AL2 timing is over, restart ALT after reaching the temperature, and cycle.
4. Timing start After power on, the main control will start output after delaying ST time.

主要技术参数/The main technical parameters

额定电压 Rated voltage	180V-240VAC 50Hz	电源功耗 Power consumption	≤ 5VA
分辨率 Resolution	1°C, 0.1°C (可调) 1°C, 0.1°C (adjustable)	相对湿度 Relative humidity	35%-85%RH(无冷凝) 35%-85%RH (no condensation)
测量精度 measurement accuracy	±0.5%FS	环境温度 Ambient temperature	0°C-50°C
报警范围 Alarm range	全量程自由设定 Full range free setting	存储温度 storage temperature	-25°C-65°C (避免结冰或结露) -25°C-65°C (avoid freezing or condensation)
继电器输出 Relay output	继电器接点 AC220V/DC30V, 5A Relay contact AC220V/DC30V, 5A	安装环境 Installation Environment	安装种类 II, 污染等级 2 Installation category II, pollution degree 2
逻辑电平输出 Logic level output	ON时: DC12V; OFF时: DC0.5V以下; 最大流: 30mA, 负载电阻≥1K When ON: DC12V; When OFF: DC0.5V or less; Maximum current: 30mA, load resistance ≥ 1K		
接线方式 Wiring method	接线端子 Terminal block	内存保护 Memory protection	非挥发内存 Non-volatile memory

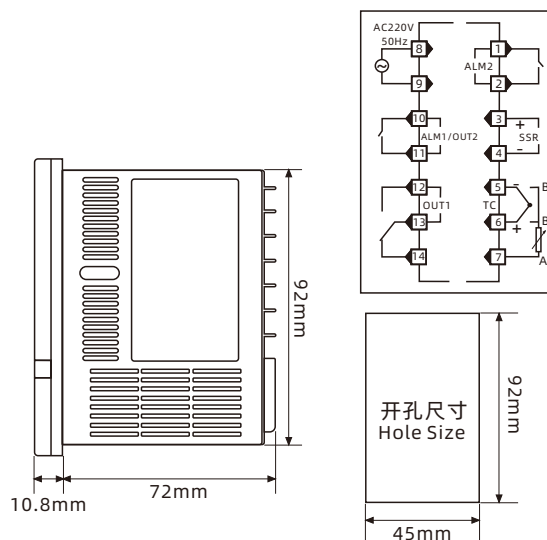
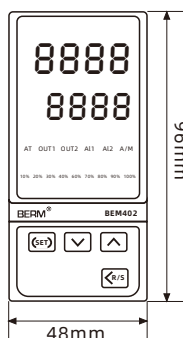
BEM Temperature controller series

外形尺寸及接线示例 External Dimensions and Wiring Example



工作电压 Operating Voltage	180-240VAC	24VDC	380VAC		产品尺寸 Product Size	48X48X87MM	短款/Short paragraph		
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM102-K1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃		BEM102-PT1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃	
BEM102-K1224	继电器/RELAY 固态/SSR	二路报警 Two-way alarm	1370℃		BEM102-K320	PID 4-20mA	一路报警 Alarm all the way	1370℃	
BEM102-K1220 Rs485	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃		BEM102-K620	变送 4-20mA Transmit 4-20mA	一路报警 Alarm all the way	1370℃	
产品重量 product weight	1pcs/0.247KG	100pcs/1箱(box)	AL2						

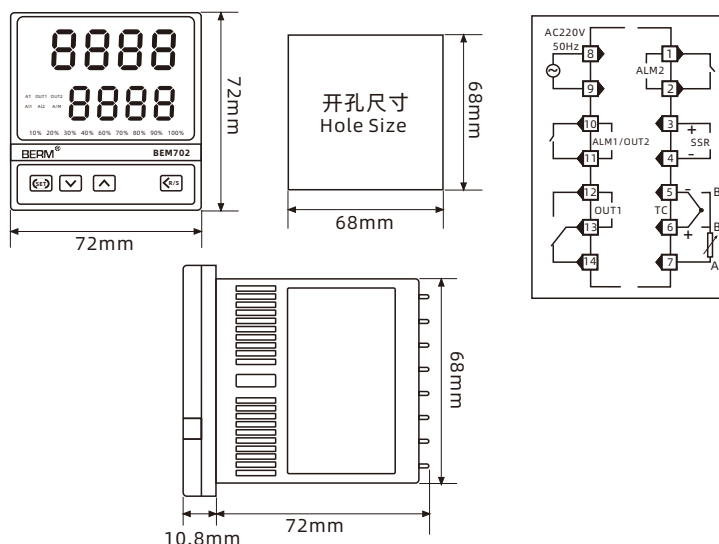
外形尺寸及接线示例 External Dimensions and Wiring Example



工作电压 Operating Voltage	180-240VAC	24VDC	380VAC		产品尺寸 Product Size	48X96X83MM	短款/Short paragraph		
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM402-K1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃		BEM402-PT1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃	
BEM402-K1224	继电器/RELAY 固态/SSR	二路报警 Two-way alarm	1370℃		BEM402-K320	PID 4-20mA	一路报警 Alarm all the way	1370℃	
BEM402-K1220 Rs485	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃		BEM402-K620	变送 4-20mA Transmit 4-20mA	一路报警 Alarm all the way	1370℃	
产品重量 product weight	1pcs/0.303KG	50pcs/1箱(box)							

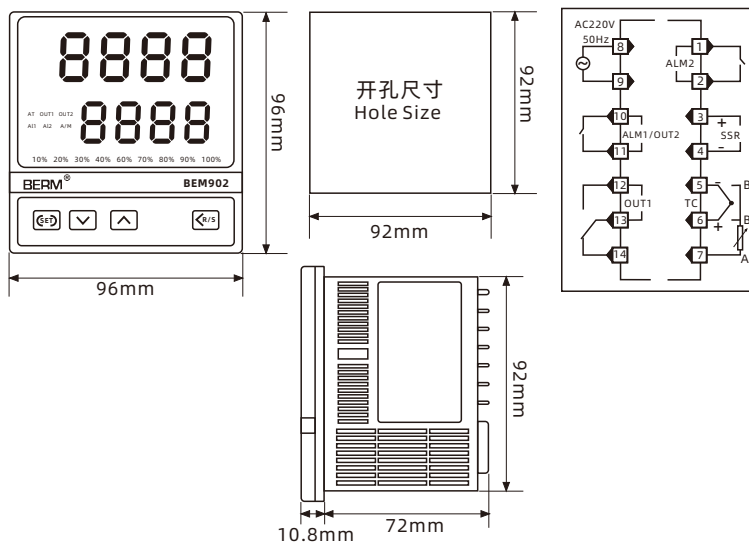
BEM Temperature controller series

外形尺寸及接线示例 External Dimensions and Wiring Example



工作电压 Operating Voltage	180-240VAC	24VDC	380VAC		产品尺寸 Product Size	72X72X83MM	短款/Short paragraph		
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM702-K1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃		BEM702-PT1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃	
BEM702-K1224	继电器/RELAY 固态/SSR	二路报警 Two-way alarm	1370℃		BEM702-K320	PID 4-20mA	一路报警 Alarm all the way	1370℃	
BEM702-K1220 Rs485	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃		BEM702-K620	变送 4-20mA Transmit 4-20mA	一路报警 Alarm all the way	1370℃	
产品重量 product weight	1pcs/0.296KG	50pcs/1箱(box)							

外形尺寸及接线示例 External Dimensions and Wiring Example



工作电压 Operating Voltage	180-240VAC	24VDC	380VAC		产品尺寸 Product Size	96X96X83MM	短款/Short paragraph		
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM902-K1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃		BEM902-PT1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃	
BEM902-K1224	继电器/RELAY 固态/SSR	二路报警 Two-way alarm	1370℃		BEM902-K320	PID 4-20mA	一路报警 Alarm all the way	1370℃	
BEM902-K1220 Rs485	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370℃		BEM902-K620	变送 4-20mA Transmit 4-20mA	一路报警 Alarm all the way	1370℃	
产品重量 product weight	1pcs/0.376KG 50pcs/1箱(box)								

BEM-TC □ A 温控器系列

BEM-TC □ A Thermostat series

BEM- T C 1 A - 1 4 RV

① ② ③ ④ ⑤ ⑥ ⑦

① 系列 series

T	温度控制器 temperature controller
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① 仪表尺寸: 宽X高 (单位:mm)

Instrument size: width X height (unit:mm)

型号 model	面板尺寸 Panel size	壳体尺寸 Shell size	开孔尺寸 Hole Size
TC1A	48X48	48X48X75	45X45
TC4A	48X96	48X96X75	45X92
TC7A	72X72	72X72X75	68X68
TC9A	96X96	96X96X75	92X92

⑥ 电源电压 Supply voltage

2	24VAC 50/60Hz 24-48VDC
4	100-240VAC 50/60Hz

② 设置方式 Setting mode

C	2段显示型, 按钮设置型 2-segment display type, button setting type
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④ 显示位数 Display number

4	9999(4位)/9999 (4 digits)
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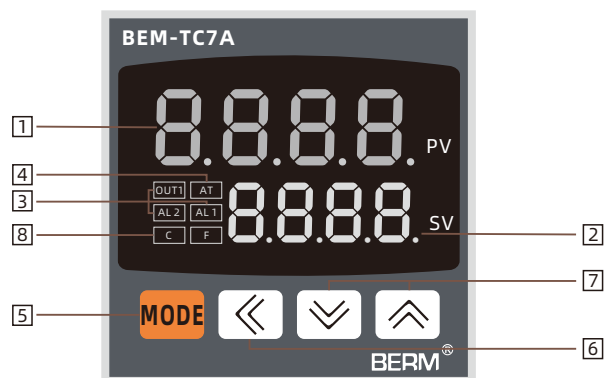
⑤ 辅助输出 Auxiliary output

1	一路Alarm输出 One way alarm output
2	二路Alarm输出 Two way alarm output

⑦ 控制输出 Control output

R	继电器输出(AC电源型) Relay output (AC power supply type)
V	固态输出(DC电源型) solid state output (DC power supply type)
MV	4-20MA输出 4-20MA output

面板各部位名称 Name of each part of the panel



报警模式 Alert mode

参数 Parameters	名称 name
A $\bar{n}$ 0. □	无报警 no alarm
A $\bar{n}$ 1. □	偏差上限报警 Deviation upper limit alarm
A $\bar{n}$ 2. □	偏差下限报警 Deviation lower limit alarm
A $\bar{n}$ 3. □	偏差上、下限报警 Deviation upper and lower limit alarm
A $\bar{n}$ 4. □	偏差上、下限逆报警 Deviation upper and lower limit reverse alarm
A $\bar{n}$ 5. □	绝对值上限报警 Absolute value upper limit alarm
A $\bar{n}$ 6. □	绝对值下限报警 Absolute value lower limit alarm
SbA. □	传感器断线报警 Sensor disconnection alarm
LbA. □	加热器断线报警 Heater disconnection alarm

①. 当前值 (PV) 显示 (红色)

运行模式下显示当前测定值 (PV), 设置模式下显示内部参数名。

②. 当前值 (SV) 显示 (绿色)

运行模式下显示控制目标的设定值 (SV), 设置模式下显示该参数的当前设定值。

③. 控制/报警输出指示灯

-OUT: 控制输出 (Main Control Output) ON 时灯亮。
*SSR 控制驱动输出方式的周期/相位控制时, 操作量超过 3.0% 时灯亮。
(AC 电源型除外)
-AL1/AL2: Alarm1, Alarm2 报警输出 ON 时灯亮。

④. 自整定指示灯: 执行自整定时, AT 灯以 1 秒为周期闪烁。

⑤. **MODE** 键: 用于进入参数组设置, 返回运行模式, 切换参数组, 保存设定值。

⑥. 方向键: 用于进入设定值更改模式或移动位数, 往左/往右更改数值。

⑦. 功能键: $\boxplus$ + $\boxtimes$ 键同时按下 3 秒将启动 [DI-K] 数字输入键功能 (运行/停止, 报警清除, 自整定) 设定。

⑧. 温度单位 (°C/°F) 指示灯: 显示当前的温度单位。

①. Present value (PV) display (red)

Displays the current process value (PV) in the operation mode, and displays the internal parameter name in the setting mode.

②. Current value (SV) display (green)

The current value (SV) of the control target is displayed in the operation mode, and the current set value of the parameter is displayed in the setting mode.

③. Control/alarm output indicator light

-OUT: Lights when the Main Control Output is ON.
*When the SSR controls the period/phase control of the drive output method, the light is on when the operation amount exceeds 3.0%.
(Except AC power type)
-AL1/AL2: Alarm1, Alarm2 Lights up when the alarm output is ON.

④. Auto-tuning indicator light: When performing auto-tuning, the AT light flashes in a cycle of 1 second.

⑤. **MODE** Key: used to enter the parameter group setting, return to the running mode, switch the parameter group, and save the set value.

⑥. Arrow keys: used to enter the setting value change mode or move the digits, and change the value left/right.

⑦. Function keys: $\boxplus$ + $\boxtimes$ key pressed simultaneously for 3 seconds, will activate [DI-K] digital input key functions (run/stop, alarm clear, auto-tuning) setting.

⑧. Temperature unit (°C/°F) indicator: Displays the current temperature unit.

BEM-TC □ A 温控器系列

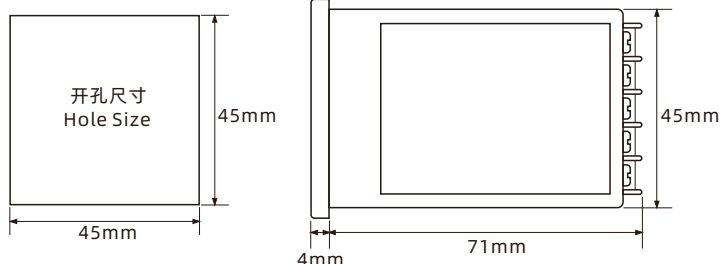
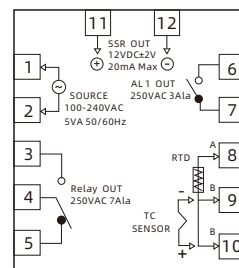
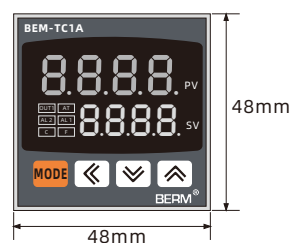
BEM-TC □ A Thermostat series

主要技术参数/The main technical parameters					
系列 series		TC1A	TC4A	TC7A	TC9A
电源电压 power supply Voltage	AC 电源型 AC power supply type	100-240VAC 50/60Hz			
	AC/DC 电源型 AC/DC power supply type	24VAC 50/60Hz 24-48VDC			
允许电压范围 Allowable voltage range		额定电压的90%~110% 90%~110% of rated voltage			
消耗功率 Power consumption		5VA以下(100-240VAC 50/60Hz, 24VAC 50/60Hz) Below 5VA (100-240VAC 50/60Hz, 24VAC 50/60Hz)			
		3W以下(24-48VDC) Below 3W (24-48VDC)			
显示方式 Display method		7段LED(PV:红色, SV:绿色) 7-segment LED (PV: red, SV: green)			
字符尺寸 character size	PV(W×H)	7.0X15.0mm	9.5X20.0mm	7.0X14.6mm	11.0X22.0mm
	SV(W×H)	5.0X9.5mm	7.5X15.0mm	6.0X12.0mm	7.0X14.0mm
输入类型 Input type	热电阻 Thermal resistance	Dpt100Ω, Cu50 (允许单根电线阻抗5Ω 以下) Dpt100Ω, Cu50 (allowing a single wire impedance below 5Ω)			
	热电偶 Thermocouple	K(CA), J(IC), L(IC), T(CC), R(PR), S(PR)			
显示精度 display Precision	热电阻 Thermal resistance	常温(23℃±5℃)时:(PV±0.5%或±1℃较大者)±1位 Normal temperature (23℃±5℃): (PV±0.5% or ±1℃ whichever is greater) ±1 digit			
	热电偶 Thermocouple	常温以外:(PV±0.5%或±2℃较大者)±1位 Outside room temperature: (PV±0.5% or ±2℃ whichever is greater) ±1 digit			
控制输出 Control Output	继电器 Relay	250VAC 10A 1a			
	SSR	12VDC ±2V 20mA 以下 12VDC ±2V 20mA or less			
报警输出 Alarm Output		AL1,AL2继电器: 250VAC 3A 1a AL1, AL2 relay: 250VAC 3A 1a			
控制方式 way to control		ON/OFF, P, PI, PD, PID控制 ON/OFF, P, PI, PD, PID control			
控制精度 Control accuracy		1~100℃ / 0.1~50.0℃			
(※1): ◎ 常温 (23℃±5℃) · 热电阻R, S在200℃以下时(PV±0.5%或±3℃中较大者)±1位 200℃以上时(PV±0.5%或±2℃中较大者)±1位 · 热电偶L(IC), 热电阻Cu50Ω (PV±0.5%或±2℃中较大者)±1位 ◎ 常温以外 · 热电偶R, S在200℃以下时(PV±1.0%或±6℃中较大者)±1位 200℃以上时(PV±0.5%或±5℃中较大者)±1位 · 热电阻Cu50Ω(PV±0.5%或±3℃中较大者)±1位		(※1): ◎Room temperature (23℃±5℃) · When the thermocouple R, S is below 200℃ (PV±0.5% or ±3℃, whichever is greater) ±1 digit Above 200℃ (PV±0.5% or ±2℃, whichever is greater) ±1 digit · Thermocouple L(IC), thermal resistance Cu50Ω (PV±0.5% or ±2℃ whichever is greater) ±1 digit ◎ Other than normal temperature · When the thermocouple R, S is below 200℃ (PV±1.0% or ±6℃, whichever is greater) ±1 digit Above 200℃ (PV±0.5% or ±5℃, whichever is greater) ±1 digit · Thermal resistance Cu50Ω (PV±0.5% or ±3℃ whichever is greater) ±1 digit			
比例带(P) Proportional band		0.1~999.9℃			
积分时间(I) Integration time(I)		0~9999秒			
微分时间(D) Differential time(D)		0~9999秒			
控制周期(T) Control cycle(T)		0.5~120.0秒			
手动复位 Manual reset		0.0~100.0%			
采样周期 Sampling period		100ms			
耐电压 Withstand voltage	AC 电源型 AC power supply type	2000VAC 50/60Hz1分钟(输入端子与电源端子之间) 2000VAC 50/60Hz for 1 minute (between input terminal and power terminal)			
	AC/DC 电源型 AC/DC power supply type	1000VAC 50/60Hz1分钟(输入端子与电源端子之间) 1000VAC 50/60Hz for 1 minute (between input terminal and power terminal)			
耐振动 Vibration resistant		5~55Hz(周期1分钟)振幅0.75mm X,Y,Z各方向2小时 5~55Hz (period: 1 minute), amplitude of 0.75mm in X, Y, and Z directions for 2 hours each			
继电器 寿命 Relay Life span	机械 Machinery	OUT:500万次以上,AL1/2:500万次以上 OUT: more than 5 million times, AL1/2: more than 5 million times			
	电气 Electrical	OUT:20万次以上(250VAC 3A 阻性负载),AL1/2:30万次以上(250VAC 1A 阻性负载) OUT: 200,000 times or more (250VAC 3A resistive load), AL1/2: 300,000 times or more (250VAC 1A resistive load)			
绝缘阻抗 Insulation resistance		100mΩ以下(500VDC为基准) Below 100mΩ (500VDC as the benchmark)			
抗干扰 Anti-interference		干扰模拟器方波干扰(脉冲宽度1 μs)±2kV R相,S相 Interference simulator square wave interference (pulse width 1 μs) ± 2kV R phase, S phase			
记忆保存 Memory preservation		约10年(使用非易失性半导体存储方式) About 10 years (using non-volatile semiconductor storage method)			
环境温度 Ambient temperature		-10~50℃(未结冰状态) -10~50℃ (non-icing state)			
储存温度 Storage temperature		-20~60℃(未结冰状态) -20~60℃ (non-icing state)			
环境湿度 Environmental humidity		35~85%RH, 存储:35~85%RH 35~85%RH, storage: 35~85%RH			
绝缘类型 Insulation type		双重绝缘或强化绝缘(标识:回, 检测输入部分与电源部分之间的介电强度AC电源型:2kV,AC/DC 电源型:1kV) Double insulation or reinforced insulation (marking: return, detecting the dielectric strength between the input part and the power supply, AC power supply type: 2kV, AC/DC power supply type: 1kV)			

BEM-TC □ A 温控器系列

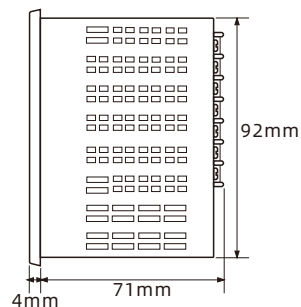
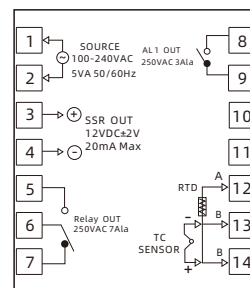
BEM-TC □ A Thermostat series

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram



工作电压 Operating Voltage	100-240VAC	24VDC	380VAC		产品尺寸 Product Size	48X48X75MM	开孔尺寸 Hole Size	45X45MM	
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM-TC1A-14RV	RELAY+SSR	一路报警 Alarm all the way	9999°C						
BEM-TC1A-14MV	4-20MA	一路报警 Alarm all the way	9999°C						
					产品重量 product weight	1pcs/0.129KG	100pcs/1箱(box)		

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram

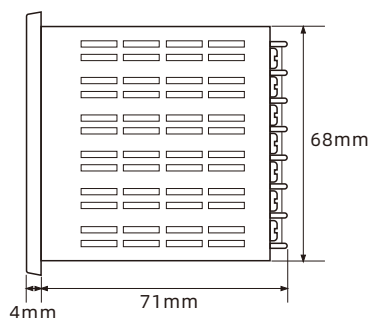
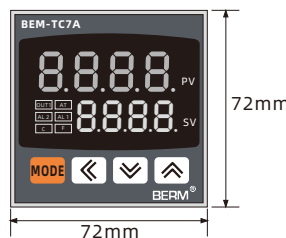


工作电压 Operating Voltage	100-240VAC	24VDC	380VAC		产品尺寸 Product Size	48X96X75MM	开孔尺寸 Hole Size	45X92MM	
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM-TC4A-14RV	RELAY+SSR	一路报警 Alarm all the way	9999°C						
BEM-TC4A-14MV	4-20MA	一路报警 Alarm all the way	9999°C						
					产品重量 product weight	1pcs/0.184KG	50pcs/1箱(box)		

BEM-TC □ A 温控器系列

BEM-TC □ A Thermostat series

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram



工作电压 Operating Voltage	100-240VAC	24VDC	380VAC		产品尺寸 Product Size	72X72X75MM	开孔尺寸 Hole Size	68X68MM	
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM-TC7A-14RV	RELAY+SSR	一路报警 Alarm all the way	9999℃						
BEM-TC7A-14MV	4-20MA	一路报警 Alarm all the way	9999℃						
					产品重量 product weight	1pcs/0.182KG	50pcs/1箱(box)		

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram

工作电压 Operating Voltage	100-240VAC	24VDC	380VAC		产品尺寸 Product Size	96X96X75MM	开孔尺寸 Hole Size	92X92MM	
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM-TC9A-14RV	RELAY+SSR	一路报警 Alarm all the way	9999℃						
BEM-TC9A-14MV	4-20MA	一路报警 Alarm all the way	9999℃						
					产品重量 product weight	1pcs/KG	50pcs/1箱(box)		

BEM-TC □ B 温控器系列

BEM-TC □ B Thermostat series

BEM- T C 1 B - 1 4 R

① ② ③ ④ ⑤ ⑥ ⑦

① 系列 series

T	温度控制器 temperature controller
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① 仪表尺寸: 宽X高 (单位:mm)

Instrument size: width X height (unit:mm)

型号 model	面板尺寸 Panel size	壳体尺寸 Shell size	开孔尺寸 Hole Size
TC1B	48X48	48X48X75	45X45
TC4B	48X96	48X96X75	45X92
TC7B	72X72	72X72X75	68X68
TC9B	96X96	96X96X75	92X92

⑥ 电源电压 Supply voltage

2	24VAC 50/60Hz 24-48VDC
4	100-240VAC 50/60Hz

② 设置方式 Setting mode

C	2段显示型, 按钮设置型 2-segment display type, button setting type
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④ 显示位数 Display number

B	999(3位)/999 (3digits)
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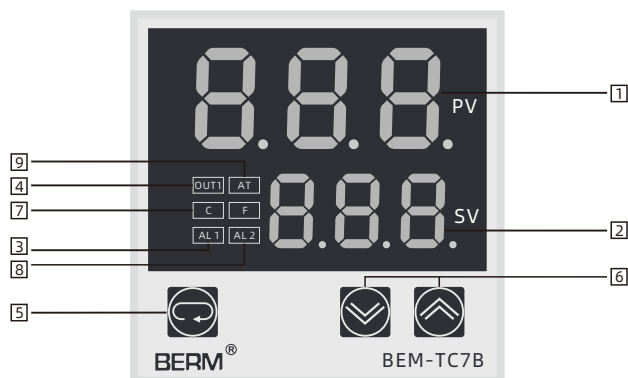
⑤ 辅助输出 Auxiliary output

1	一路Alarm输出 One way alarm output
2	二路Alarm输出 Two way alarm output

⑦ 控制输出 Control output

R	继电器输出(AC电源型) Relay output (AC power supply type)
V	固态输出(DC电源型) solid state output (DC power supply type)
MV	4-20MA输出 4-20MA output

面板各部位名称 Name of each part of the panel



①.当前值(PV)显示(红色)

运行模式下显示当前测定值(PV), 设置模式下显示内部参数名。

①. Present value (PV) display (red)

Displays the current process value (PV) in the operation mode, and displays the internal parameter name in the setting mode.

②.设定值(SV)显示(绿色)

运行模式下显示控制目标的设定值(SV), 设置模式下显示该参数的当前设定值。

②. Current value (SV) display (green)

The set value (SV) of the control target is displayed in the operation mode, and the current set value of the parameter is displayed in the setting mode.

③.控制报警输出指示灯

-AL 1: Alarm1报警输出ON时灯亮。

③. Control alarm output indicator

-AL 1: Lights up when Alarm1 alarm output is ON.

④.自整定指示灯: 执行自整定时, AT灯以1秒为周期闪烁。

④. Auto-tuning indicator: When performing auto-tuning, the AT indicator flashes in a 1-second cycle.

⑤. 键: 用于进入参数组设置, 返回运行模式, 切换参数组, 保存设定值。

⑤. Key: used to enter parameter group setting, return to running mode, switch parameter group, and save the set value.

⑥.功能键

⑥. function keys

⑦.温度单位(°C/°F)指示灯: 显示当前的温度单位。

⑦. Temperature unit (°C/°F) indicator: Displays the current temperature unit.

⑧.控制报警输出指示灯

-AL 2: Alarm2报警输出ON时灯亮。

⑧. Control alarm output indicator

-AL 2: Lights up when Alarm2 alarm output is ON.

⑨. OUT1: 加热或制冷控制输出(Main Control Output) ON时灯亮。

⑨. OUT1: Lights when the heating or cooling control output (Main Control Output) is ON.

报警模式 Alert mode

AL1T/AL2T的值 Value of AL1T/AL2T	意义 significance
0	无报警 no alarm
1	上偏差报警 Upper deviation alarm
2	上下偏差外报警 Upper and lower deviation external alarm
3	过程值上限报警 Process value high limit alarm
4	下偏差报警 Lower deviation alarm
5	上下偏差内报警 Alarm within the upper and lower deviation
6	过程值下限报警 Process value low limit alarm
7	待机功能上偏差报警 Deviation alarm on standby function
8	待机功能上下偏差外报警 Standby function upper and lower deviation external alarm
9	待机功能过程值上限报警 Standby function Process value upper limit alarm
10	待机功能下偏差报警 Deviation alarm in standby function
11	待机功能上下偏差内报警 Standby function within the upper and lower deviation of the alarm
12	待机功能过程值下限报警 Standby function Process value lower limit alarm

BEM-TC □ B 温控器系列

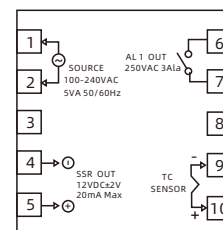
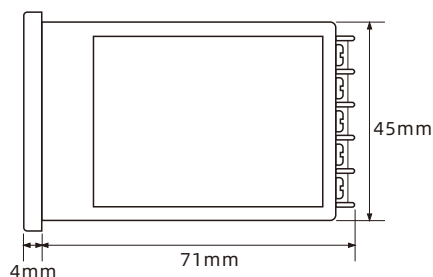
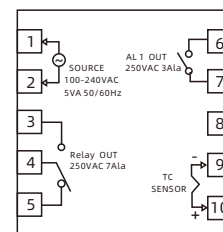
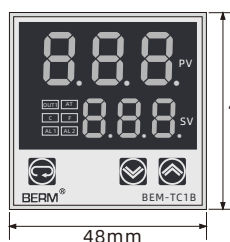
BEM-TC □ B Thermostat series

主要技术参数/The main technical parameters					
系列 series		TC1B	TC4B	TC7B	TC9B
电源电压 power supply Voltage	AC 电源型 AC power supply type	100-240VAC 50/60Hz			
	AC/DC 电源型 AC/DC power supply type	24VAC 50/60Hz 24-48VDC			
允许电压范围 Allowable voltage range		额定电压的90%~110% 90%~110% of rated voltage			
消耗功率 Power consumption		5VA以下(100-240VAC 50/60Hz, 24VAC 50/60Hz) Below 5VA (100-240VAC 50/60Hz, 24VAC 50/60Hz)			
		3W以下(24-48VDC) Below 3W (24-48VDC)			
显示方式 Display method		7段LED(PV:红色, SV:绿色) 7-segment LED (PV: red, SV: green)			
字符尺寸 character size	PV(W×H)	7.0X15.0mm	9.5X20.0mm	7.0X14.6mm	11.0X22.0mm
	SV(W×H)	5.0X9.5mm	7.5X15.0mm	6.0X12.0mm	7.0X14.0mm
输入类型 Input type	热电阻 Thermal resistance	Dpt100Ω, Cu50Ω (允许单根电线阻抗5Ω 以下) Dpt100Ω, Cu50Ω (allowing a single wire impedance below 5Ω)			
	热电偶 Thermocouple	K(CA), J(IC), L(IC), T(CC), R(PR), S(PR)			
显示精度 display Precision	热电阻 Thermal resistance	常温(23℃±5℃)时:(PV±0.5%或±1℃较大者)±1位 Normal temperature (23℃±5℃): (PV±0.5% or ±1℃ whichever is greater) ±1 digit			
	热电偶 Thermocouple	常温以外:(PV±0.5%或±2℃较大者)±1位 Outside room temperature: (PV±0.5% or ±2℃ whichever is greater) ±1 digit			
控制输出 Control Output	继电器 Relay	250VAC 10A 1a			
	SSR	12VDC ±2V 20mA 以下 12VDC ±2V 20mA or less			
报警输出 Alarm Output		AL1,AL2继电器: 250VAC 3A 1a AL1, AL2 relay: 250VAC 3A 1a			
控制方式 way to control		ON/OFF, P, PI, PD, PID控制 ON/OFF, P, PI, PD, PID control			
控制精度 Control accuracy		1~100℃ / 0.1~50.0℃			
(※1): ◎ 常温 (23℃±5℃) · 热电阻R, S在200℃以下时(PV±0.5%或±3℃中较大者)±1位 200℃以上时(PV±0.5%或±2℃中较大者)±1位 · 热电偶L(IC), 热电阻Cu50Ω (PV±0.5%或±2℃中较大者)±1位 ◎ 常温以外 · 热电偶R, S在200℃以下时(PV±1.0%或±6℃中较大者)±1位 200℃以上时(PV±0.5%或±5℃中较大者)±1位 · 热电阻Cu50Ω(PV±0.5%或±3℃中较大者)±1位		(※1): ◎Room temperature (23℃±5℃) · When the thermocouple R, S is below 200℃ (PV±0.5% or ±3℃, whichever is greater) ±1 digit Above 200℃ (PV±0.5% or ±2℃, whichever is greater) ±1 digit · Thermocouple L(IC), thermal resistance Cu50Ω (PV±0.5% or ±2℃ whichever is greater) ±1 digit ◎ Other than normal temperature · When the thermocouple R, S is below 200℃ (PV±1.0% or ±6℃, whichever is greater) ±1 digit Above 200℃ (PV±0.5% or ±5℃, whichever is greater) ±1 digit · Thermal resistance Cu50Ω (PV±0.5% or ±3℃ whichever is greater) ±1 digit			
比例带(P) Proportional band		0.1~999℃			
积分时间(I) Integration time(I)		0~999秒			
微分时间(D) Differential time(D)		0~999秒			
控制周期(T) Control cycle(T)		0.5~120秒			
手动复位 Manual reset		0.0~100%			
采样周期 Sampling period		100ms			
耐电压 Withstand voltage	AC 电源型 AC power supply type	2000VAC 50/60Hz1分钟(输入端子与电源端子之间) 2000VAC 50/60Hz for 1 minute (between input terminal and power terminal)			
	AC/DC 电源型 AC/DC power supply type	1000VAC 50/60Hz1分钟(输入端子与电源端子之间) 1000VAC 50/60Hz for 1 minute (between input terminal and power terminal)			
耐振动 Vibration resistant		5~55Hz(周期1分钟)振幅0.75mm X,Y,Z各方向2小时 5~55Hz (period: 1 minute), amplitude of 0.75mm in X, Y, and Z directions for 2 hours each			
继电器 寿命 Relay Life span	机械 Machinery	OUT:500万次以上,AL1/2:500万次以上 OUT: more than 5 million times, AL1/2: more than 5 million times			
	电气 Electrical	OUT:20万次以上(250VAC 3A 阻性负载),AL1/2:30万次以上(250VAC 1A 阻性负载) OUT: 200,000 times or more (250VAC 3A resistive load), AL1/2: 300,000 times or more (250VAC 1A resistive load)			
绝缘阻抗 Insulation resistance		100mΩ以下(500VDC为基准) Below 100mΩ (500VDC as the benchmark)			
抗干扰 Anti-interference		干扰模拟器方波干扰(脉冲宽度1 μs)±2kV R相,S相 Interference simulator square wave interference (pulse width 1 μs) ± 2kV R phase, S phase			
记忆保存 Memory preservation		约10年(使用非易失性半导体存储方式) About 10 years (using non-volatile semiconductor storage method)			
环境温度 Ambient temperature		-10~50℃(未结冰状态) -10~50℃ (non-icing state)			
储存温度 Storage temperature		-20~60℃(未结冰状态) -20~60℃ (non-icing state)			
环境湿度 Environmental humidity		35~85%RH, 存储:35~85%RH 35~85%RH, storage: 35~85%RH			
绝缘类型 Insulation type		双重绝缘或强化绝缘(标识:回, 检测输入部分与电源部分之间的介电强度AC电源型:2kV,AC/DC 电源型:1kV) Double insulation or reinforced insulation (marking: return, detecting the dielectric strength between the input part and the power supply, AC power supply type: 2kV, AC/DC power supply type: 1kV)			

BEM-TC □ B 温控器系列

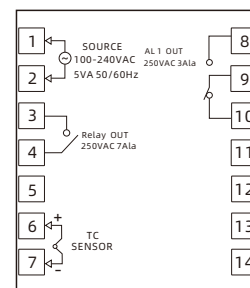
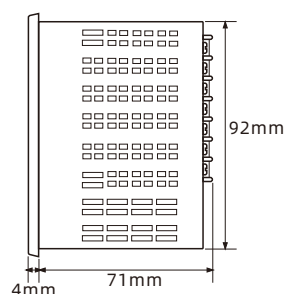
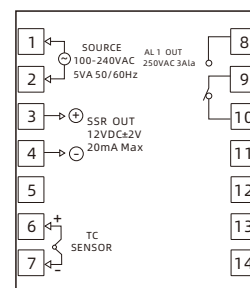
BEM-TC □ B Thermostat series

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram



工作电压 Operating Voltage	100-240VAC	380VAC			产品尺寸 Product Size	48X48X75MM	开孔尺寸 Hole Size	45X45MM	
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM-TC1B-14R	继电器/RELAY	一路报警 Alarm all the way	999°C		BEM-TC1B-14V	固态/SSR	一路报警 Alarm all the way	999°C	
					产品重量 product weight	1pcs/0.126KG	100pcs/1箱(box)		

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram

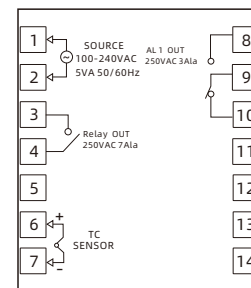
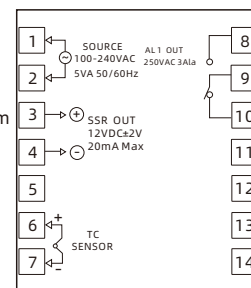
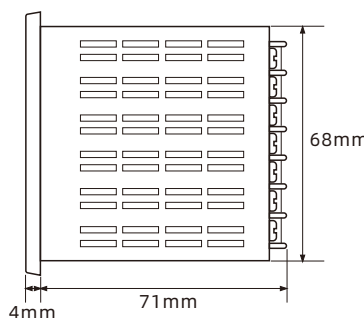
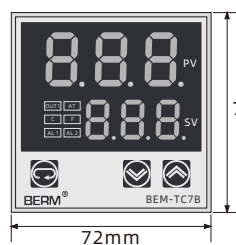


工作电压 Operating Voltage	100-240VAC	380VAC			产品尺寸 Product Size	48X96X75MM	开孔尺寸 Hole Size	45X92MM	
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM-TC4B-14R	继电器/RELAY	一路报警 Alarm all the way	999°C		BEM-TC4B-14V	固态/SSR	一路报警 Alarm all the way	999°C	
					产品重量 product weight	1pcs/0.171KG	50pcs/1箱(box)		

BEM-TC □ B 温控器系列

BEM-TC □ B Thermostat series

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram



工作电压 Operating Voltage	100-240VAC 380VAC				产品尺寸 Product Size	72X72X75MM		开孔尺寸 Hole Size	68X68MM	
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	
BEM-TC7B-14R	继电器/RELAY	一路报警 Alarm all the way	999℃		BEM-TC7B-14V	固态/SSR	一路报警 Alarm all the way	999℃		
					产品重量 product weight	1pcs/0.169KG 50pcs/1箱(box)				

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram

工作电压 Operating Voltage	100-240VAC 380VAC				产品尺寸 Product Size	96X96X75MM		开孔尺寸 Hole Size	92X92MM	
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	
BEM-TC9B-14R	继电器/RELAY	一路报警 Alarm all the way	999℃		BEM-TC9B-14V	固态/SSR	一路报警 Alarm all the way	999℃		
					产品重量 product weight	1pcs/0.KG 50pcs/1箱(box)				

REX-C 温控器系列

REX-C Thermostat Series

REX-C F - *

① ② ③ ④ ⑤ ⑥ ⑦

① 仪表尺寸: 宽X高 (单位:mm)
Instrument size: width X height (unit:mm)

型号 model	面板尺寸 Panel size	开孔尺寸 Hole Size
C10	48X48	45X45
C100	48X48	45X45
C400	48X96	45X92
C410	96X48	92X45
C700	72X72	68X68
C900	96X96	92X92

④ 温度范围 temperature range

02表示0-400℃ 02 means 0-400℃
05表示0-999℃ 05 means 0-999℃
06表示0-1200℃ 06 means 0-1200℃
07表示0-1372℃ 07 means 0-1372℃
08表示0-1600℃ 08 means 0-1600℃

② F: PID动作及自动计数(逆向动作)
PID action and automatic counting (reverse action)

③ 输入信号 input signal 万能输入 Universal input

显示 show	1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221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REX-C 温控器系列

REX-C Thermostat Series



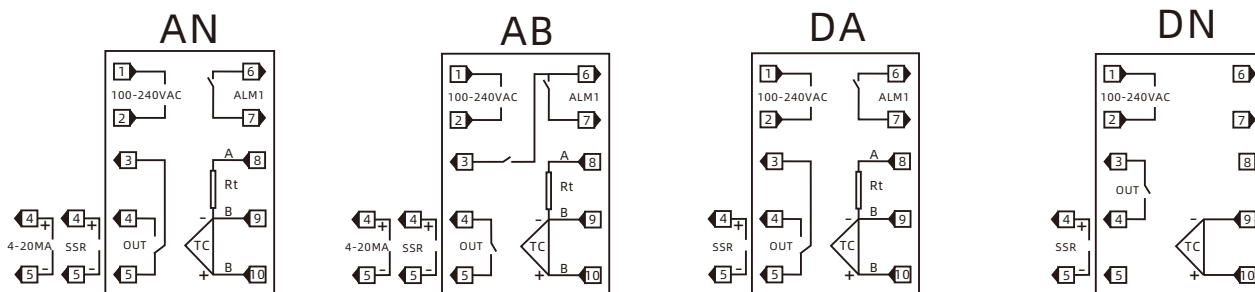
长款
Long paragraph



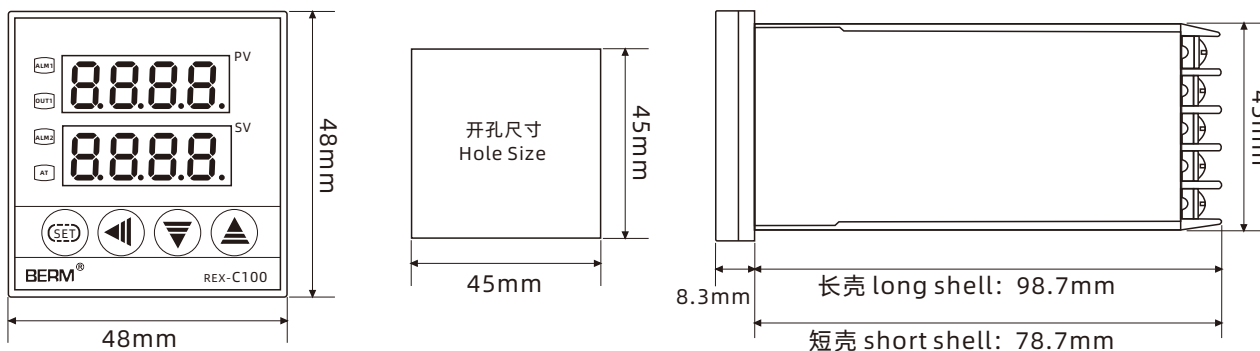
短款
Short paragraph

工作电压 Operating Voltage	220VAC 100-240VAC 24VDC 380VAC				产品尺寸 Product Size	48X48X107MM 长款/Long paragraph 48X48X87MM 短款/Short paragraph			
产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
REX-C100FK02-M*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C100FK02-V*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃	
REX-C100FK02-M*DA	单输入 Single input	一路报警 Alarm all the way	999℃		REX-C100FK02-V*DA	单输入 Single input	一路报警 Alarm all the way	999℃	
REX-C100FK02-M*DN	单输入 Single input	无报警 No alarm	999℃		REX-C100FK02-V*DN	单输入 Single input	无报警 No alarm	999℃	
REX-C100FK02-M*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃		REX-C100FK02-V*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃	
REX-C100FK02-8*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C100FK02-8*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃	
产品重量 product weight	AN:0.217KG AB:0.227KG DA:0.211KG DN:0.195KG AN:0.135KG AB:0.KG DA:0.190KG DN:0.105KG				100pcs/1箱(box) 长款/Long paragraph 100pcs/1箱(box) 短款/Short paragraph				

接线图 Wiring diagram



外形尺寸(毫米) Wiring diagram(mm)

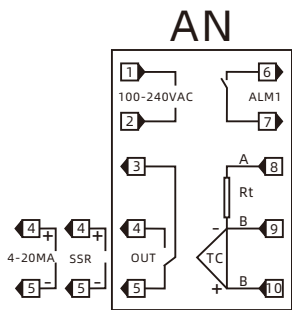


REX-C 温控器系列
REX-C Thermostat Series

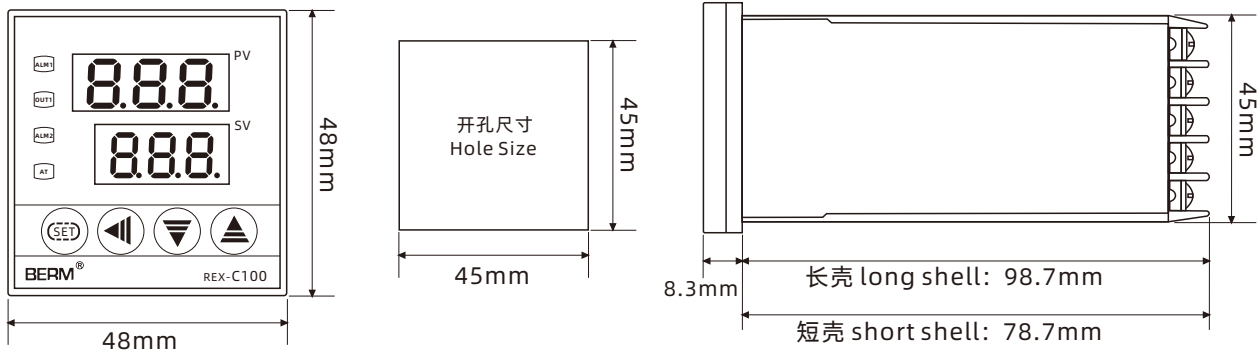


工作电压 Operating Voltage	220VAC 100-240VAC 24VDC 380VAC				产品尺寸 Product Size	48X48X107MM 长款/Long paragraph			
产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
REX-C10FK02-M*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C10FK02-V*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃	
产品重量 product weight	AN:0.217KG AB:0.KG DA:0.KG DN:0.KG				100pcs/1箱(box)				

接线图 Wiring diagram



外形尺寸(毫米) Wiring diagram(mm)



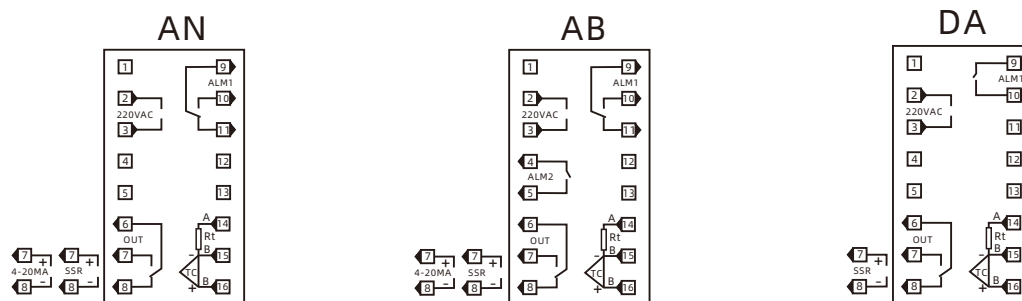
REX-C 温控器系列

REX-C Thermostat Series

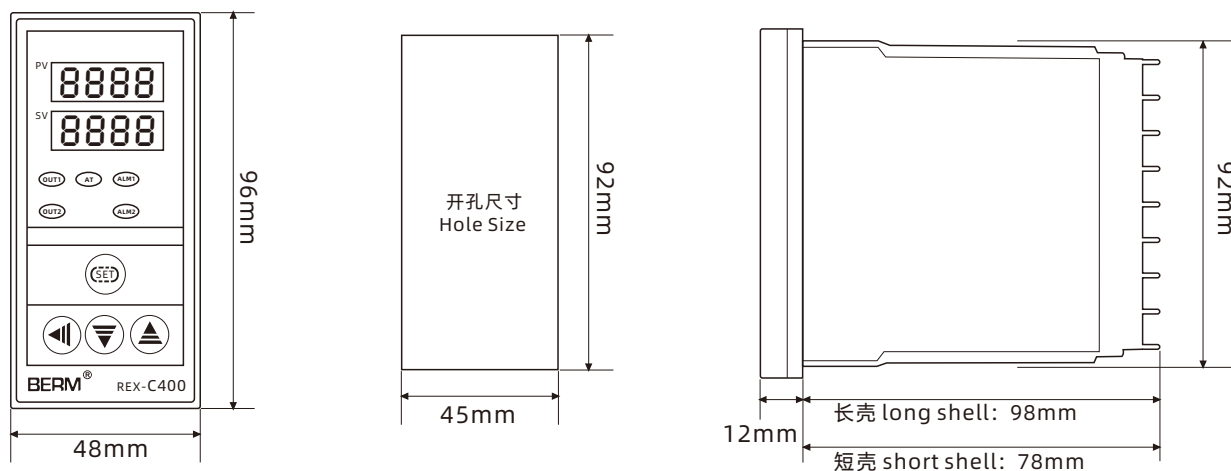


产品尺寸 Product Size	AN / AB : 48X96X110MM 长款/Long paragraph				DA : 48X96X90MM 短款/Short paragraph				
产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
REX-C400FK02-M*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C400FK02-V*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃	
REX-C400FK02-M*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃		REX-C400FK02-V*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃	
REX-C400FK02-8*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C400FK02-8*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃	
REX-C400FK02-M*DA	单输入 Single input	一路报警 Alarm all the way	999℃		REX-C400FK02-V*DA	单输入 Single input	一路报警 Alarm all the way	999℃	
工作电压 Operating Voltage	220VAC 100-240VAC 24VDC 380VAC								
产品重量 product weight	AN:0.328KG AB:0.338KG DA:0.276KG 50pcs/1箱(box)								

接线图 Wiring diagram



外形尺寸(毫米) Wiring diagram(mm)



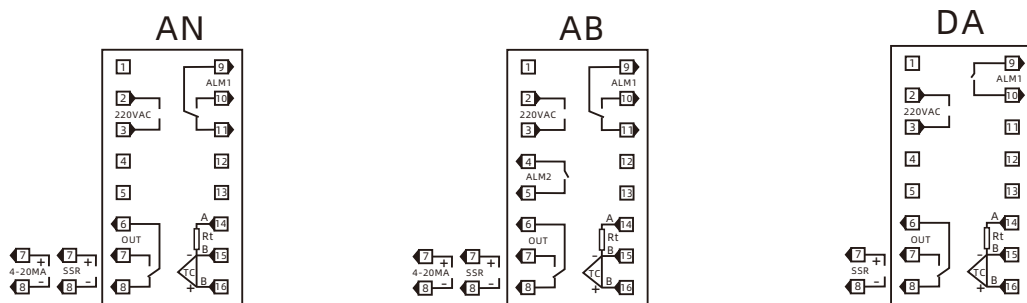
REX-C 温控器系列

REX-C Thermostat Series

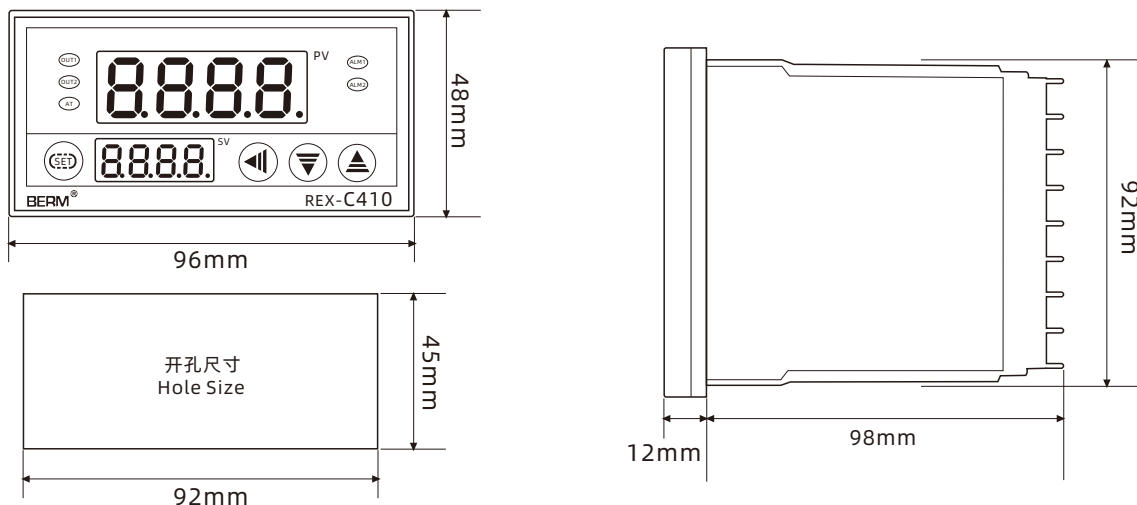


产品尺寸 Product Size	AN / AB : 96X48X110MM 长款/Long paragraph				DA : 96X48X90MM 短款/Short paragraph				
产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
REX-C410FK02-M*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C410FK02-V*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃	
REX-C410FK02-M*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃		REX-C410FK02-V*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃	
REX-C410FK02-8*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C410FK02-8*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃	
REX-C410FK02-M*DA	单输入 Single input	一路报警 Alarm all the way	999℃		REX-C410FK02-V*DA	单输入 Single input	一路报警 Alarm all the way	999℃	
工作电压 Operating Voltage	220VAC 100-240VAC 24VDC 380VAC								
产品重量 product weight	AN:0.328KG AB:0.338KG DA:0.276KG 50pcs/1箱(box)								

接线图 Wiring diagram



外形尺寸(毫米) Wiring diagram(mm)



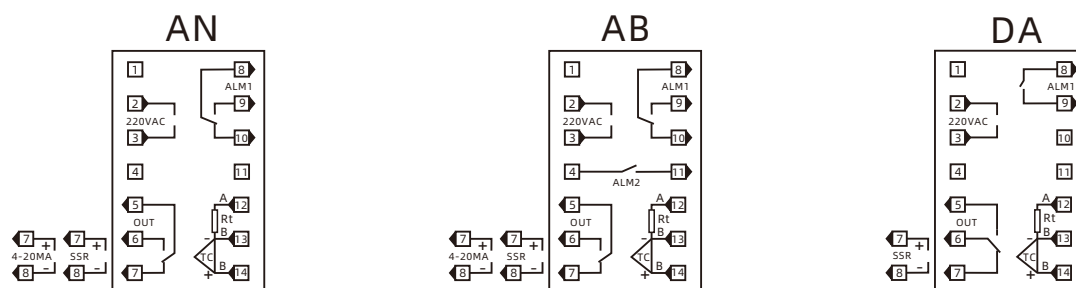
REX-C 温控器系列

REX-C Thermostat Series

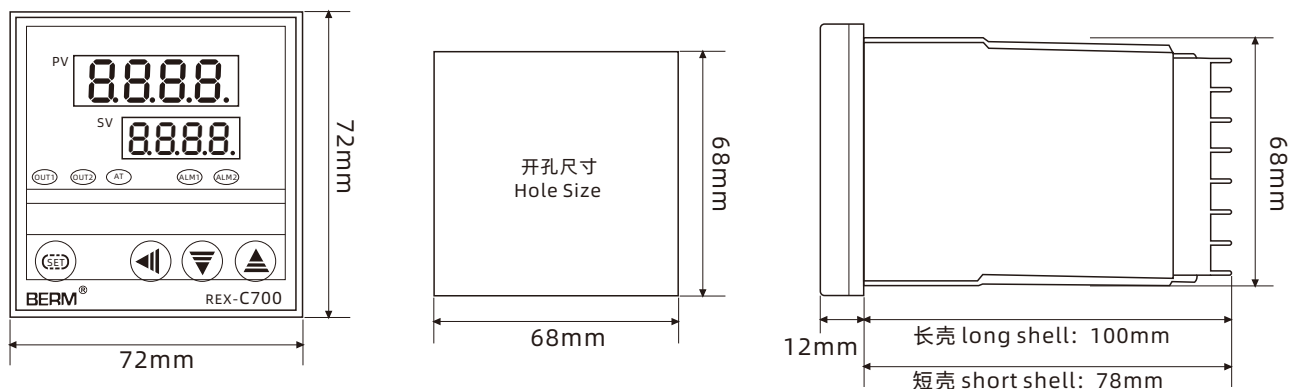


产品尺寸 Product Size	AN / AB : 72X72X112MM 长款/Long paragraph				DA : 72X72X90MM 短款/Short paragraph				
产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
REX-C700FK02-M*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C700FK02-V*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃	
REX-C700FK02-M*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃		REX-C700FK02-V*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃	
REX-C700FK02-8*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C700FK02-8*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃	
REX-C700FK02-M*DA	单输入 Single input	一路报警 Alarm all the way	999℃		REX-C700FK02-V*DA	单输入 Single input	一路报警 Alarm all the way	999℃	
工作电压 Operating Voltage	220VAC 100-240VAC 24VDC 380VAC								
产品重量 product weight	AN:0.307KG AB:0.330KG DA:0.270KG 50pcs/1箱(box)								

接线图 Wiring diagram



外形尺寸(毫米) Wiring diagram(mm)



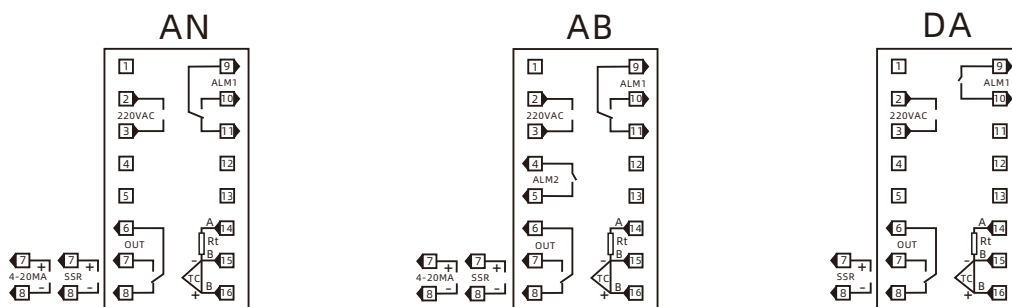
REX-C 温控器系列

REX-C Thermostat Series

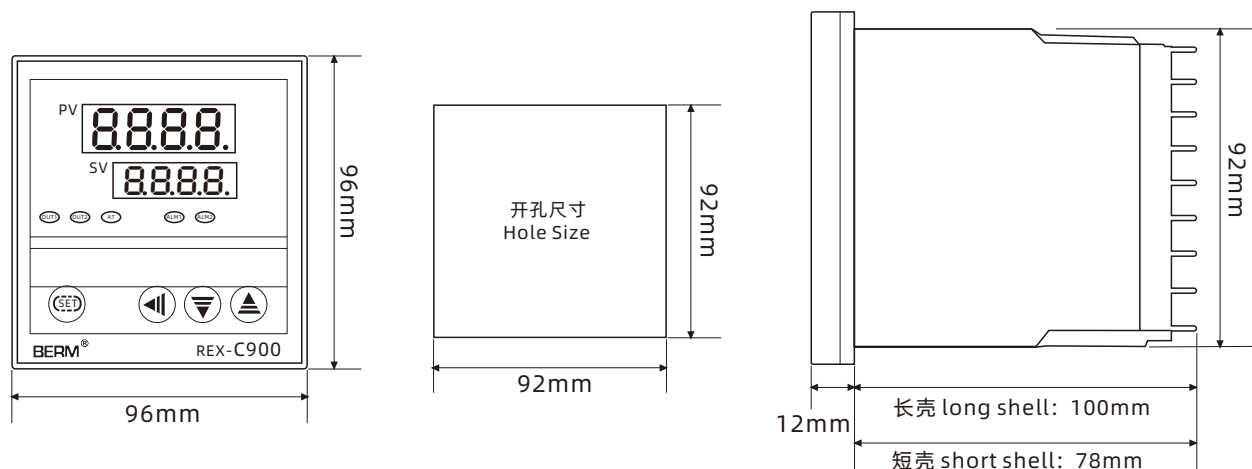


产品尺寸 Product Size	AN / AB : 96X96X112MM 长款/Long paragraph				DA : 96X96X90MM 短款/Short paragraph				
产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	输入信号 input signal	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
REX-C900FK02-M*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C900FK02-V*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃	
REX-C900FK02-M*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃		REX-C900FK02-V*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃	
REX-C900FK02-8*AN	万能输入 Universal input	一路报警 Alarm all the way	1372℃		REX-C900FK02-8*AB	万能输入 Universal input	二路报警 Two-way alarm	1372℃	
REX-C900FK02-M*DA	单输入 Single input	一路报警 Alarm all the way	999℃		REX-C900FK02-V*DA	单输入 Single input	一路报警 Alarm all the way	999℃	
工作电压 Operating Voltage	220VAC 100-240VAC 24VDC 380VAC								
产品重量 product weight	AN:0.408KG AB:0.427KG DA:0.358KG 44pcs/1箱(box)								

接线图 Wiring diagram



外形尺寸(毫米) Wiring diagram(mm)



REX-CH□□□F□□□-□□*□□

① ② ③ ④ ⑤ ⑥ ⑦

① 仪表尺寸：宽X高（单位:mm）
Instrument size: width X height (unit:mm)

型号 model	面板尺寸 Panel size	壳体尺寸 Shell size	开孔尺寸 Hole size
CH 102	48X48	48X48X78	45X45
CH 402	48X96	48X96X78	45X92
CH 702	72X72	72X72X78	68X68
CH 902	96X96	96X96X78	92X92

② F: PID动作及自动计数(逆向动作)
PID action and automatic counting (reverse action)
D: PID动作及自动计数(直接动作)
PID action and automatic counting (direct action)

③ 输入信号 input signal

显示 show	U	V	r	S	b	E	n	T	Pt	CU	oM	mV	mA	V
输入类型 input type	电热偶 (TC) Thermocouple (TC)								热电阻(RTD) Thermal Resistance (RTD)		电压电流 Voltage and current			
	K	J	R	S	B	E	N	T	PT 100	CU 50	oM	mV	mA	V

④ 温度范围 temperature range

02表示0-400℃ 02 means 0-400℃
05表示0-999℃ 05 means 0-999℃
06表示0-1200℃ 06 means 0-1200℃
07表示0-1372℃ 07 means 0-1372℃
08表示0-1600℃ 08 means 0-1600℃

⑤ 主控输出 master output

M-继电器触点输出(RELAY) relay contact output (RELAY)
V-无触点电压脉冲输出驱动固态继电器SSR non-contact voltage pulse output drives solid state relay SSR
8-直流电流4-20MA输出 DC current 4-20MA output
T-三端双向可控开关 T-Three-terminal two-way controllable switch
G-过零(用于三端双向控驱动) G-Zero crossing (used for three-terminal two-way control drive)

⑥ 报警输出1 Alarm output 1

AL1T/AL2T的值 Value of AL1T/AL2T	意义 significance	AL1T/AL2T的值 Value of AL1T/AL2T	意义 significance
N	未设报警 no alarm	F	待机机下限偏差报警 With standby lower limit deviation alarm
A	上限偏差报警 Upper limit deviation alarm	G	附近待机上下限偏差报警 Nearby standby upper and lower limit deviation alarm
B	下限偏差报警 Lower limit deviation alarm	H	上限输入值报警 Upper limit input value alarm
C	上、下限偏差报警 Upper and lower limit deviation alarm	J	下限输入值报警 Lower limit input value alarm
D	范围内报警 Alarm in range	K	待机机上限输入值报警 With standby upper limit input value alarm
E	待机机上限偏差报警 With standby upper limit deviation alarm		

⑦ 报警输出2与报警输出1一样 Alarm output 2 is the same as alarm output 1

主要技术参数/The main technical parameters

测量精度 measurement accuracy	±0.5%FS
冷端补偿误差 Cold Junction Compensation Error	±2℃ (0-50℃内软件修正) ±2℃ (software correction within 0-50℃)
测量数显范围 Measuring digital display range	-1999~9999、-199~9999 二种/two kinds。
报警范围 Alarm range	全量程自由设定。 freely set the full range
继电器输出触点容量 Relay output contact capacity	3A/220V,阻性或指定。 3A/220V, resistive or specified.
可控硅触发信号 The SCR trigger signal	15/40μS或额定100mA, 瞬时1A(自触发)。 15 / 40μS or rated 100mA, Instantaneous 1A (self-triggering)
固态继电器输出信号 Solid State Relay Output Signal	12V±3V30mA。
工作电源 working power supply	100-240V~±10%50Hz,功耗: 4w。 100-240V~±10%50Hz, power consumption: 4w
工作环境 working environment	0~50℃, 相对湿度35%~85%RH,无腐蚀性及无强电磁场辐射场。 0~50℃, relative humidity 35%~85%RH, non-corrosive and no strong electromagnetic radiation field

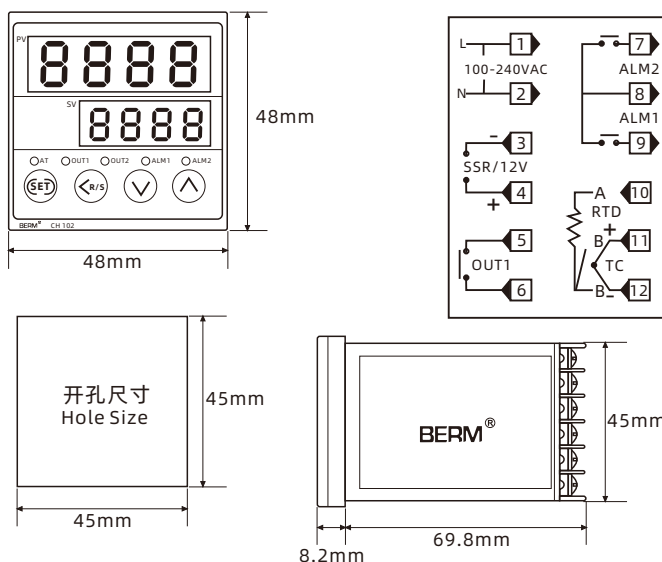
安装条件/Installation conditions

1.环境温度低于0度或超过50度。	1.Ambient temperature below 0 degrees or more than 50 degrees.
2.过多感应噪音, 静电, 磁场。	2.Excessive induction of noise, static electricity, magnetic fields.
3.水、油、化学品、蒸汽飞溅的地方。	3.Where water, oil, chemicals, steam splash.
4.无腐蚀或易燃气体。	4.No corrosive or flammable gases.
5.环境湿度低于45%或超过85%RH。	5.Ambient humidity below 45% or above 85%RH.
6.无热凝聚形成热辐射。	6.No thermal condensation to form thermal radiation.

CH 温控器系列

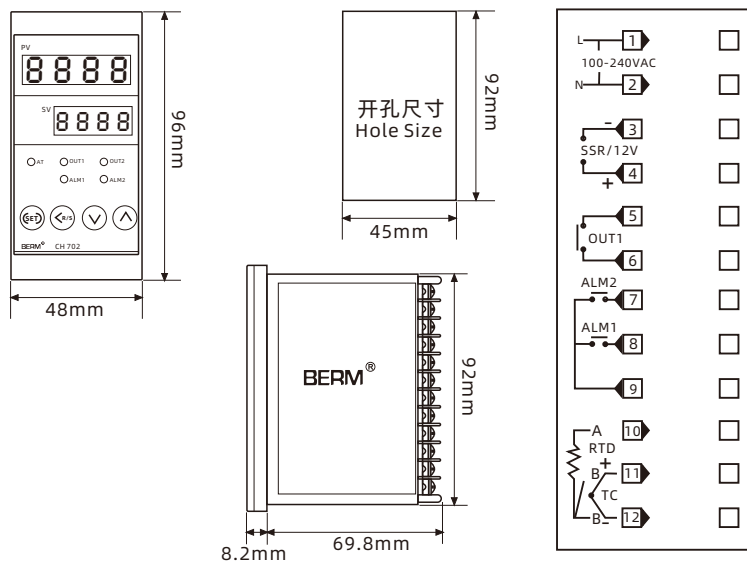
BEM Temperature controller series

外形尺寸及接线示例 External Dimensions and Wiring Example



工作电压 Operating Voltage	220VAC	100-240VAC	24VDC	380VAC	产品尺寸 Product Size	48X48X78MM 短款/Short paragraph		
产品型号 Product model		输入信号 input signal	报警输出 Alarm Output		主控输出 Alarm Output		最高温度 Maximum temperature	单价 unit price
REX-CH102FK02-MV*AB		万能输入 Universal input	二路报警 Two-way alarm		RELAY/ SSR 二路输出 RELAY/ SSR two-way output		1372℃	
REX-CH102FK02-8*AB		万能输入 Universal input	二路报警 Two-way alarm		4-20mA		1372℃	
产品重量 product weight	1pcs/0.134kg 100pcs/1箱(box)							

外形尺寸及接线示例 External Dimensions and Wiring Example

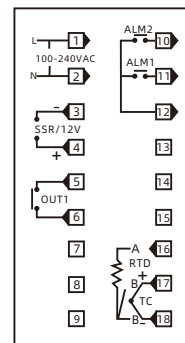
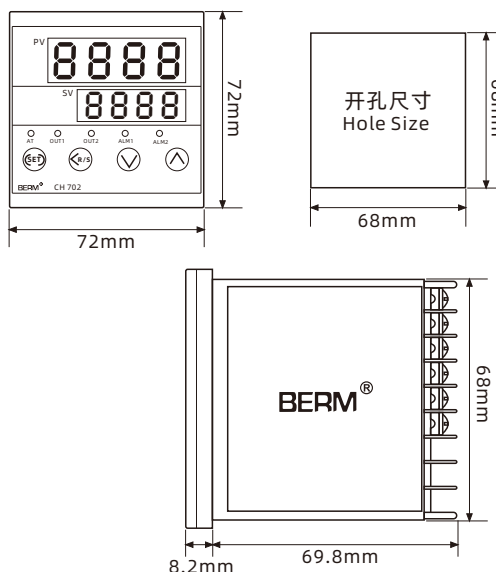


工作电压 Operating Voltage	220VAC	100-240VAC	24VDC	380VAC	产品尺寸 Product Size	48X96X78MM	短款/Short paragraph		
产品型号 Product model		输入信号 input signal		报警输出 Alarm Output		主控输出 Alarm Output		最高温度 Maximum temperature	单价 unit price
REX-CH402FK02-MV*AB		万能输入 Universal input		二路报警 Two-way alarm		RELAY/ SSR 二路输出 RELAY/ SSR two-way output		1372℃	
REX-CH402FK02-8*AB		万能输入 Universal input		二路报警 Two-way alarm		4-20mA		1372℃	
产品重量 product weight	1pcs/0.172kg 50pcs/1箱(box)								

CH 温控器系列

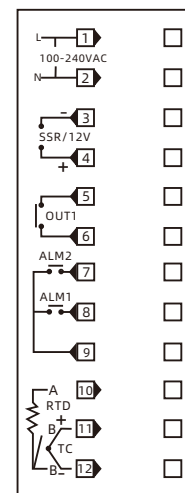
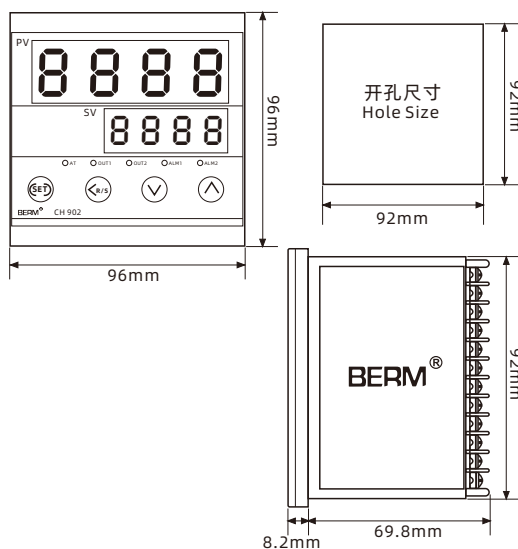
BEM Temperature controller series

外形尺寸及接线示例 External Dimensions and Wiring Example



工作电压 Operating Voltage	220VAC	100-240VAC	24VDC	380VAC	产品尺寸 Product Size	72X72X78MM 短款/Short paragraph			
产品型号 Product model		输入信号 input signal		报警输出 Alarm Output		主控输出 Alarm Output		最高温度 Maximum temperature	单价 unit price
REX-CH702FK02-MV*AB		万能输入 Universal input		二路报警 Two-way alarm		RELAY/ SSR 二路输出 RELAY/ SSR two-way output		1372℃	
REX-CH702FK02-8*AB		万能输入 Universal input		二路报警 Two-way alarm		4-20mA		1372℃	
产品重量 product weight	1pcs/0.193kg 50pcs/1箱(box)								

外形尺寸及接线示例 External Dimensions and Wiring Example



工作电压 Operating Voltage	220VAC	100-240VAC	24VDC	380VAC	产品尺寸 Product Size	96X96X78MM 短款/Short paragraph			
产品型号 Product model		输入信号 input signal		报警输出 Alarm Output		主控输出 Alarm Output		最高温度 Maximum temperature	单价 unit price
REX-CH902FK02-MV*AB		万能输入 Universal input		二路报警 Two-way alarm		RELAY/ SSR 二路输出 RELAY/ SSR two-way output		1372℃	
REX-CH902FK02-8*AB		万能输入 Universal input		二路报警 Two-way alarm		4-20mA		1372℃	
产品重量 product weight	1pcs/0.249kg 50pcs/1箱(box)								

CHB 温控器系列
CHB Thermostat Series



① 仪表尺寸: 宽X高 (单位:mm)
Instrument size: width X height (unit:mm)
Table with 4 columns: 型号 model, 面板尺寸 Panel size, 壳体尺寸 Shell size, 开孔尺寸 Hole Size. Rows include CHB401, CHB402, CHB901, CHB702, CHB902.

② F: PID动作及自动计数(逆向动作)
PID action and automatic counting (reverse action)

③ 输入信号 input signal
Table with 2 rows: 显示 show (various symbols), 输入类型 input type (K, J, R, S, B, E, N, T, PT100, CU50, oM, mV, mA, V).

④ 温度范围 temperature range
Table with 2 columns: 表示表示, 范围范围. Rows include 02表示0-400℃, 05表示0-999℃, 06表示0-1200℃, 07表示0-1372℃, 08表示0-1600℃.

⑤ 主控输出 master output
Table with 2 columns: 输出类型 output type, 范围范围. Rows include M-继电器触点输出(RELAY), V-无触点电压脉冲输出驱动固态继电器SSR, 8-直流电流4-20MA输出, G-移相脉冲输出, g-过零脉冲输出.

⑥ 报警输出1 Alarm output 1
Table with 4 columns: AL1T/AL2T的值, 意义 significance, AL1T/AL2T的值, 意义 significance. Rows include N (no alarm), A (Upper limit deviation alarm), B (Lower limit deviation alarm).

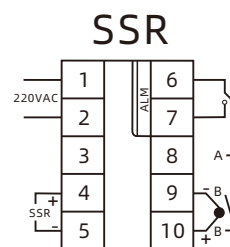
⑦ 报警输出2与报警输出1一样 Alarm output 2 is the same as alarm output 1

主要技术参数/The main technical parameters
Table with 4 columns: 参数 Parameter, 额定值 Rated value, 范围 Range, 备注 Remarks. Rows include 额定电压, 分辨率, 测量精度, 报警范围, 继电器输出, 逻辑电平输出, 接线方式, 电源功耗, 相对湿度, 环境温度, 存储温度, 安装环境, 内存保护, 非挥发内存.

安装条件/Installation conditions
Table with 2 columns: 条件 Condition, 说明 Description. Rows include 环境温度, 过感应噪声, 水、油、化学品, 无腐蚀或易燃气体, 环境湿度, 无热凝聚形成热辐射.

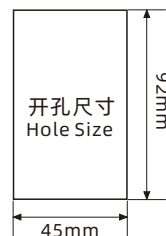
CHB Thermostat Series

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram



工作电压 Operating Voltage	220VAC	100-240VAC	24VDC	380VAC	产品尺寸 Product Size	48X48X84MM 短款/Short paragraph			
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
CHB401FK02-M*AN	继电器/RELAY	一路报警 Alarm all the way	1372℃		CHB401FK02-V*AN	固态/SSR	一路报警 Alarm all the way	1372℃	
CHB401FK02-M*AB	继电器/RELAY	二路报警 Two-way alarm	1372℃		CHB401FK02-V*AB	固态/SSR	二路报警 Two-way alarm	1372℃	
CHB401FK02-8*AN	4-20mA	一路报警 Alarm all the way	1372℃		CHB401FK02-8*AB	4-20mA	二路报警 Two-way alarm	1372℃	
产品重量 product weight	AN:0.198KG AB:0.KG 100pcs/1箱(box)								

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram

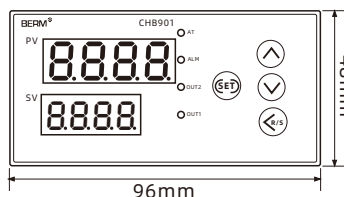
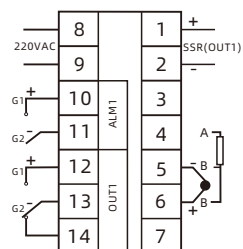
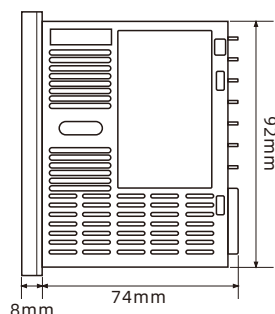


工作电压 Operating Voltage	220VAC	180-240VAC	24VDC	380VAC	产品尺寸 Product Size	48X96X82MM 短款/Short paragraph			
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
CHB402FK02-MV*AN	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1372℃		CHB402FK02-MV*AB	继电器/RELAY 固态/SSR	二路报警 Two-way alarm	1372℃	
CHB402FK02-8*AN	4-20mA	一路报警 Alarm all the way	1372℃		CHB402FK02-8*AB	4-20mA	二路报警 Two-way alarm	1372℃	
产品重量 product weight	AN:0.258KG AB:0.KG		50pcs/1箱(box)						

CHB 温控器系列

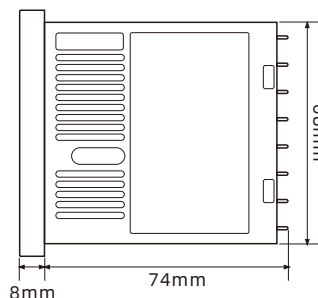
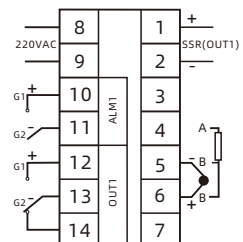
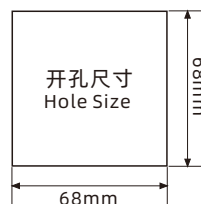
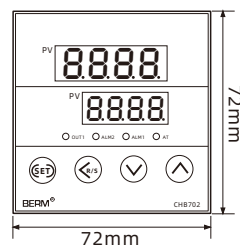
CHB Thermostat Series

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram



工作电压 Operating Voltage	220VAC 180-240VAC 24VDC 380VAC				产品尺寸 Product Size	96X48X82MM 短款/Short paragraph			
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
CHB901FK02-MV*AN	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1372℃		CHB901FK02-MV*AB	继电器/RELAY 固态/SSR	二路报警 Two-way alarm	1372℃	
CHB901FK02-8*AN	4-20mA	一路报警 Alarm all the way	1372℃		CHB901FK02-8*AB	4-20mA	二路报警 Two-way alarm	1372℃	
产品重量 product weight	AN:0.256KG AB:0.KG		50pcs/1箱(box)						

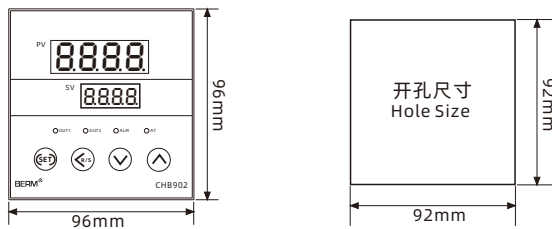
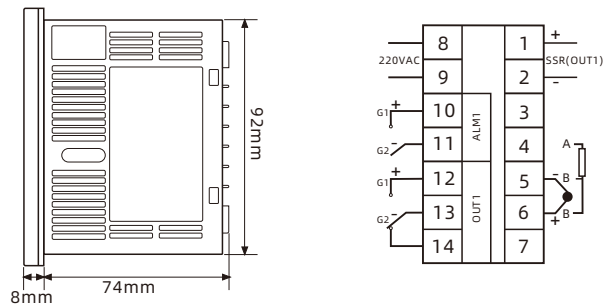
外形尺寸及接线示例图 Dimensions and Wiring Example Diagram



工作电压 Operating Voltage	220VAC 180-240VAC 24VDC 380VAC				产品尺寸 Product Size	72X72X82MM 短款/Short paragraph			
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
CHB702FK02-MV*AN	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1372℃		CHB702FK02-MV*AB	继电器/RELAY 固态/SSR	二路报警 Two-way alarm	1372℃	
CHB702FK02-8*AN	4-20mA	一路报警 Alarm all the way	1372℃		CHB702FK02-8*AB	4-20mA	二路报警 Two-way alarm	1372℃	
产品重量 product weight	AN:0.259KG AB:0.KG		50pcs/1箱(box)						

CHB Thermostat Series

外形尺寸及接线示例图 Dimensions and Wiring Example Diagram



工作电压 Operating Voltage	220VAC 180-240VAC 24VDC 380VAC				产品尺寸 Product Size	96X96X82MM 短款/Short paragraph			
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
CHB902FK02-MV*AN	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1372℃		CHB902FK02-MV*AB	继电器/RELAY 固态/SSR	二路报警 Two-way alarm	1372℃	
CHB902FK02-8*AN	4-20mA	一路报警 Alarm all the way	1372℃		CHB902FK02-8*AB	4-20mA	二路报警 Two-way alarm	1372℃	
产品重量 product weight	AN:0.313KG AB:KG		50pcs/1箱(box)						

烫印温控器系列

Hot stamping thermostat series



型号说明 Model Description

BEM - T C T - 7 A - K R

主控输出
master output

输入信号
input signal

显示位数
Display digits

外形尺寸
External dimensions

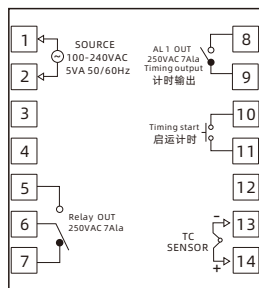
定时
timing

设置方式
Setting method

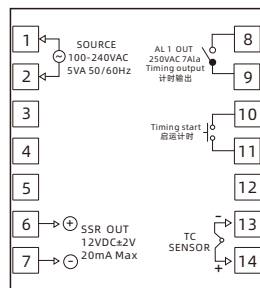
系列
series

V	固态输出 (DC电源型) Solid state output (DC power type)
R	继电器输出 (AC电源型) Relay output (AC power type)
K	K型热电偶 Type K thermocouple
E	E型热电偶 Type E thermocouple
PT	PT型热电阻 PT type thermal resistance
A	9999 (4位) / 9999 (4 digits)
1	DIN W48XH48mm
4	DIN W48XH96mm
7	DIN W72XH72mm
T	时间定时功能 Time timing function
C	2段显示型, 按钮设置型 2-segment display type, button setting type
T	温度控制器 Temperature Controller
品牌型号 Brand model number	

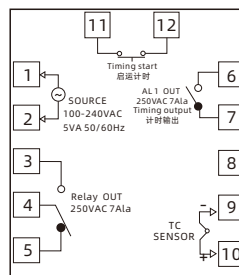
接线图 Wiring diagram



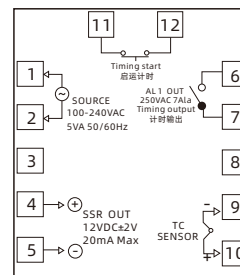
BEM-TCT-4A-KR
BEM-TCT-7A-KR



BEM-TCT-4A-KV
BEM-TCT-7A-KV



BEM-TCT-1A-KR



BEM-TCT-1A-KV

烫印温控器系列

Hot stamping thermostat series

主要技术参数/The main technical parameters				
系列 series		TCT-1A	TCT-4A	TCT-7A
电源电压 power supply Voltage	AC 电源型 AC power supply type	100-240VAC 50/60Hz		
	AC/DC 电源型 AC/DC power supply type	24VAC 50/60Hz 24-48VDC		
允许电压范围 Allowable voltage range		额定电压的90%~110% 90%~110% of rated voltage		
消耗功率 Power consumption		5VA以下(100-240VAC 50/60Hz, 24VAC 50/60Hz) Below 5VA (100-240VAC 50/60Hz, 24VAC 50/60Hz)		
		3W以下(24-48VDC) Below 3W (24-48VDC)		
显示方式 Display method		7段LED(°C:红色, Time:绿色) 7-segment LED (PV: red, SV: green)		
字符尺寸 character size	°C (W×H)	7.0X15.0mm	9.5X20.0mm	7.0X14.6mm
	Time(W×H)	5.0X9.5mm	7.5X15.0mm	6.0X12.0mm
输入类型 Input type	热电阻 Thermal resistance	Dpt100Ω, Cu50 (允许单根电线阻抗5Ω 以下) Dpt100Ω, Cu50 (allowing a single wire impedance below 5Ω)		
	热电偶 Thermocouple	K(CA), J(IC), L(IC), T(CC), R(PR), S(PR)		
显示精度 display Precision	热电阻 Thermal resistance	(※1)	常温(23°C±5°C)时:(PV±0.5%或±1°C较大者)±1位 Normal temperature (23°C±5°C): (PV±0.5% or ±1°C whichever is greater) ±1 digit	
	热电偶 Thermocouple		常温以外:(PV±0.5%或±2°C较大者)±1位 Outside room temperature: (PV±0.5% or ±2°C whichever is greater) ±1 digit	
控制输出 Control Output	继电器 Relay	250VAC 10A 1a		
	SSR	12VDC ±2V 20mA 以下 12VDC ±2V 20mA or less		
报警输出 Alarm Output		AL1,AL2继电器: 250VAC 3A 1a AL1, AL2 relay: 250VAC 3A 1a		
控制方式 way to control		ON/OFF,P,PI,PD,PID控制 ON/OFF, P, PI, PD, PID control		
控制精度 Control accuracy		1~100°C / 0.1~50.0°C		
(※1): ◎常温 (23°C±5°C) ·热电阻R, S在200°C以下时(PV±0.5%或±3°C中较大者)±1位 200°C以上时(PV±0.5%或±2°C中较大者)±1位 ·热电偶L(IC), 热电阻Cu50Ω (PV±0.5%或±2°C中较大者)±1位 ◎常温以外 ·热电阻R, S在200°C以下时(PV±1.0%或±6°C中较大者)±1位 200°C以上时(PV±0.5%或±5°C中较大者)±1位 ·热电阻Cu50Ω(PV±0.5%或±3°C中较大者)±1位				
(※1): ◎Room temperature (23°C±5°C) ·When the thermocouple R, S is below 200°C (PV±0.5% or ±3°C, whichever is greater) ±1 digit Above 200°C (PV±0.5% or ±2°C, whichever is greater) ±1 digit ·Thermocouple L(IC), thermal resistance Cu50Ω (PV±0.5% or ±2°C whichever is greater) ±1 digit ◎Other than normal temperature ·When the thermocouple R, S is below 200°C (PV±1.0% or ±6°C, whichever is greater) ±1 digit Above 200°C (PV±0.5% or ±5°C, whichever is greater) ±1 digit ·Thermal resistance Cu50Ω (PV±0.5% or ±3°C whichever is greater) ±1 digit				
比例带(P) Proportional band		0.1~999.9°C		
积分时间(I) Integration time(I)		0~9999秒		
微分时间(D) Differential time(D)		0~9999秒		
控制周期(T) Control cycle(T)		0.5~120.0秒		
手动复位 Manual reset		0.0~100.0%		
采样周期 Sampling period		100ms		
耐电压 Withstand voltage	AC 电源型 AC power supply type	2000VAC 50/60Hz1分钟(输入端子与电源端子之间) 2000VAC 50/60Hz for 1 minute (between input terminal and power terminal)		
	AC/DC 电源型 AC/DC power supply type	1000VAC 50/60Hz1分钟(输入端子与电源端子之间) 1000VAC 50/60Hz for 1 minute (between input terminal and power terminal)		
耐振动 Vibration resistant		5~55Hz(周期1分钟)振幅0.75mm X,Y,Z各方向2小时 5~55Hz (period: 1 minute), amplitude of 0.75mm in X, Y, and Z directions for 2 hours each		
继电器 寿命 Relay Life span	机械 Machinery	OUT:500万次以上,AL1/2:500万次以上 OUT: more than 5 million times, AL1/2: more than 5 million times		
	电气 Electrical	OUT:20万次以上(250VAC 3A 阻性负载),AL1/2:30万次以上(250VAC 1A 阻性负载) OUT: 200,000 times or more (250VAC 3A resistive load), AL1/2: 300,000 times or more (250VAC 1A resistive load)		
绝缘阻抗 Insulation resistance		100mΩ以下(500VDC为基准) Below 100mΩ (500VDC as the benchmark)		
抗干扰 Anti-interference		干扰模拟器方波干扰(脉冲宽度1 μs)±2kV R相,S相 Interference simulator square wave interference (pulse width 1 μs) ± 2kV R phase, S phase		
记忆保存 Memory preservation		约10年(使用非易失性半导体存储方式) About 10 years (using non-volatile semiconductor storage method)		
环境温度 Ambient temperature		-10~50°C(未结冰状态) -10~50°C (non-icing state)		
储存温度 Storage temperature		-20~60°C(未结冰状态) -20~60°C (non-icing state)		
环境湿度 Environmental humidity		35~85%RH, 存储:35~85%RH 35~85%RH, storage: 35~85%RH		
绝缘类型 Insulation type		双重绝缘或强化绝缘(标识:回, 检测输入部分与电源部分之间的介电强度AC电源型:2kV,AC/DC 电源型:1kV) Double insulation or reinforced insulation (marking: return, detecting the dielectric strength between the input part and the power supply, AC power supply type: 2kV, AC/DC power supply type: 1kV)		

烫印温控器系列

Hot stamping thermostat series

烫印参数说明 / Hot stamping parameter description					
代号 code	名称 name	意义 significance	其他说明 other instructions	范围 scope	默认值 Defaults
rU05	RUNS	计时方向 Timing Direction	开关启动计时方向, 分正反计时 =0 反计时即倒计时或减1计时 =其他 正计时即加1计时 The switch starts the timing direction, the forward and reverse timing = 0, the reverse timing means the countdown or the minus 1 timing = other, the positive timing means the plus 1 timing	0 - - 3	0
t2oF	T2oF	延时断开时间 Delay off time	当时间运行功能为计时结束后时间继是电器(蜂鸣器)吸合输出时该功能有效, 延时T2oF时间后输出断开, = 0.0时则一直吸合直到启动释放。 When the time running function is that the time relay is the electrical (buzzer) pull-in output after the timing is over, this function has suburbs, the output will be disconnected after a delay of T2oF time, and when = 0.0, it will continue to pull in until it starts to release.	0.0—999.9秒 0.0—999.9 seconds	0.0
d1 tC	DITC	显示功能切换 Display function toggle	下排显示方式选择, = 0 下排始终显示计时时间 =其它则不计时时间时显示温度设定值, 启动开关闭合计时开始显示计时时间 The lower row display mode selection, = 0, the lower row always displays the timing time = other, the temperature setting value is displayed when the time is not counted, the start switch is closed and the timing starts to display the timing time	0 - - 3	0
oEOn	OTCN	提前报警时间 advance alarm time	当减一倒计时时间等于OTC时间时内置蜂鸣器响OTC时间 When the countdown time minus one is equal to the OTC time, the built-in buzzer sounds the OTC time	0—250秒 (SEC)	0
ā - - 5	M-S	时间单位 time unit	=0 时减一时间单位为秒钟 =0, minus one time unit is seconds =1 时减一时间单位为0.1秒钟 =1, minus one time unit is 0.1 seconds =2 时减一时间单位为分钟 = 2, minus one time unit is minutes =3 时减一时间单位为0.1分钟 =3 minus one time unit is 0.1 minutes	0-3	0
oE5Y	OTSY	烫印类型 Hot Stamp Type	=0: 开关闭合, 显示倒计时, 倒计时为0, 时间继电器吸合, 内部蜂鸣器响, 一直等到开关断开或者延时T2oF时间后继电器才释放, 蜂鸣器才不响, 一次操作完成; =0: The switch is closed, the countdown is displayed, the countdown is 0, the time relay is closed, and the internal buzzer sounds, until the switch is turned off or the relay is released after a delay of T2oF, the buzzer does not sound, and one operation is completed; =1: 开关闭合, 显示倒计时, 时间继电器吸合, 倒计时为0, 继电器释放, 蜂鸣器响, 一直等到开关断开, 蜂鸣器才不响, 一次操作完成; =1: The switch is closed, the countdown is displayed, the time relay is closed, the countdown is 0, the relay is released, the buzzer sounds, Wait until the switch is turned off, the buzzer does not sound, and one operation is completed; =3: 点动开关输入启动倒计时, 倒计时为0, 继电器吸合, 同时蜂鸣器响, 等到再次点动开关输入或者延时T2oF时间后继电器释放和蜂鸣器不响, 一次操作完成; =3: The jog switch input starts the countdown, the countdown is 0, the relay is closed, and the buzzer sounds, and the relay is released and the buzzer does not sound after the jog switch input again or after a delay of T2oF time, and one operation is completed; =4: 点动开关输入启动倒计时, 继电器吸合, 倒计时为0, 继电器释放, 同时蜂鸣器响, 等到再次点动开关输入蜂鸣器不响, 一次操作完成; =4: The jog switch input starts the countdown, the relay is closed, the countdown is 0, the relay is released, and the buzzer sounds at the same time. When the jog switch input buzzer does not sound again, one operation is completed; =5: 点动开关输入启动倒计时, 倒计时为0, 继电器吸合, 同时蜂鸣器响, 一次操作完成, 等到下次点动开关输入启动或者延时T2oF时间后, 继电器才释放和蜂鸣器不响; =5: The jog switch input starts the countdown, the countdown is 0, the relay is closed, and the buzzer sounds at the same time, one operation is completed, wait until the next jog switch input starts or after the delay T2oF time, the relay releases and the buzzer no sound =6: 点动开关输入启动倒计时, 继电器吸合, 倒计时为0, 继电器释放, 蜂鸣器响, 一次操作完成, 等到下次点动开关输入启动时, 继电器又再次吸合和蜂鸣器不响; =6: The jog switch input starts the countdown, the relay is closed, the countdown is 0, the relay is released, the buzzer sounds, one operation is completed, Wait until the next time the jog switch input is activated, the relay will pull in again and the buzzer will not sound;	0---17	0

烫印温控器系列

Hot stamping thermostat series

			=15: 高低温控制, 当温度小于设定低温有输出, 升到设定低温无输出, 开关闭合温度小于高温设定值, 有输出, 升到高温设定值无输出, 开始倒计时; =15: High and low temperature control, when the temperature is lower than the set low temperature, there is output, when the temperature rises to the set low temperature, there is no output, and the switch closing temperature is less than the high temperature set value, there is output, when the temperature rises to the high temperature set value, there is no output, and the countdown starts; =16: 点动按键启动, 点动时间加键, 显示倒计时, 倒计时为0, 时间继电器吸合, 内部蜂鸣器响, 等到再次点动按键, 继电器才释放, 蜂鸣器才不响, 一次操作完成。 =16: Press the button to start, press the time plus button, display the countdown, the countdown is 0, the time relay is closed, the internal buzzer sounds, When the button is pressed again, the relay is released, the buzzer does not sound, and one operation is completed. =17: 点动按键启动, 点动时间加键, 显示倒计时, 时间继电器吸合, 倒计时为0, 继电器释放, 蜂鸣器响, 等到再次启动按键, 蜂鸣器才不响, 一次操作完成; =17: Press the button to start, press the time plus button, display the countdown, the time relay is closed, the countdown is 0, the relay is released, the buzzer sounds, Wait until the button is activated again, the buzzer will not sound, and one operation is completed; =其他 无用 = other useless		
OSH	OSH	高温计时 High temperature timing	OTSY=15时有用, 当测量温度达到OSH时开始计时 Useful when OTSY=15, start timing when the measured temperature reaches OSH	00---SCH	200
OSL	OSL	低温启动 low temperature start	OTSY=15时有用, 当测量温度达到OSL时启动开关有效 Useful when OTSY=15, when the measured temperature reaches OSL, the start switch is effective	00---SCH	50
OTM	OTM	内置蜂鸣器提示类型 Built-in buzzer reminder type	OTM*10MS,当=30时, 则倒计时结束蜂鸣器以0.3秒为频率通断, 需要时建议设置为60。=0则长响 OTM*10MS, when = 30, the buzzer will be turned on and off at a frequency of 0.3 seconds at the end of the countdown. It is recommended to set it to 60 if necessary. =0 long beep	00---100	00
OTAY	OTAY	温度提示时间 temperature prompt time	通电后当PV > =SV时间蜂鸣器响OTAY时间 为0无此功能 After power-on, when PV>=SV time buzzer sounds OTAY time is 0, no such function	00---30S/秒	00

产品规格选型 / Product specification selection

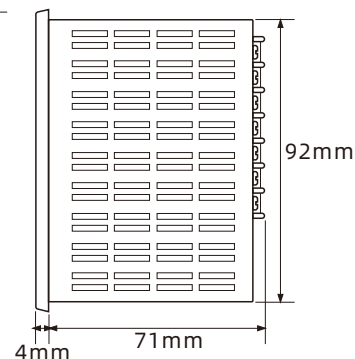
外形尺寸 External dimensions

工作电压 Operating Voltage	100-240VAC				产品尺寸 Product Size	48X48X75MM		开孔尺寸 Hole Size	45X45MM	
产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	
BEM-TCT-1A-KR	RELAY	0-9999	0-9999℃		BEM-TCT-1A-KV	SSR	0-9999	0-9999℃		
产品重量 product weight	(RELAY) 1pcs/0.191KG (SSR) 1pcs/0.179KG 100pcs/1箱(box)									

烫印温控器系列

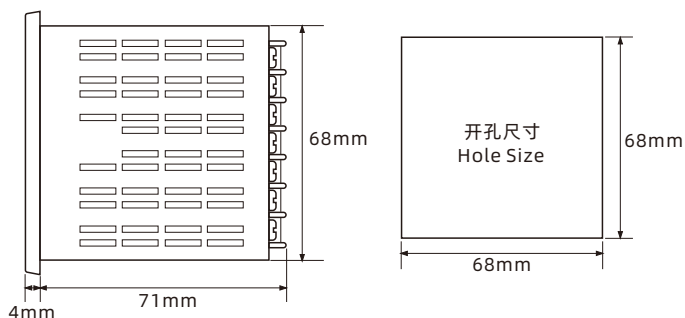
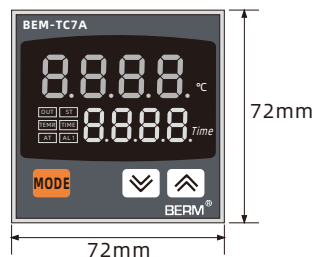
Hot stamping thermostat series

外形尺寸 External dimensions



工作电压 Operating Voltage	100-240VAC				产品尺寸 Product Size	48X96X75MM		开孔尺寸 Hole Size	45X92MM	
产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	
BEM-TCT-4A-KR	RELAY	0-9999	0-9999°C		BEM-TCT-4A-KV	SSR	0-9999	0-9999°C		
产品重量 product weight	(RELAY) 1pcs/0.183KG (SSR) 1pcs/0.176KG 50pcs/1箱(box)									

外形尺寸 External dimensions



工作电压 Operating Voltage	100-240VAC				产品尺寸 Product Size	72X72X75MM		开孔尺寸 Hole Size	68X68MM	
产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	
BEM-TCT-7A-KR	RELAY	0-9999	0-9999°C		BEM-TCT-7A-KV	SSR	0-9999	0-9999°C		
产品重量 product weight	(RELAY) 1pcs/0.191KG (SSR) 1pcs/0.179KG 50pcs/1箱(box)									

烫印温控器系列

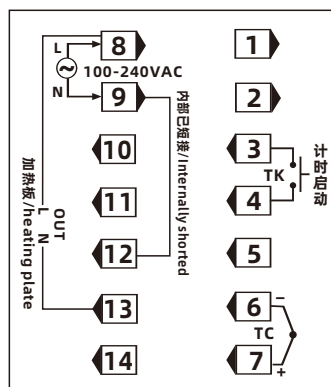
Hot stamping thermostat series



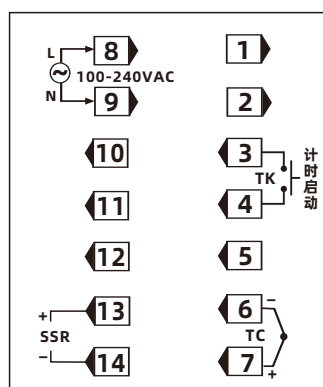
BEM - T C T - 7 B - K R

主控输出 master output	V	固态输出 (DC电源型) Solid state output (DC power type)
	R	继电器输出 (AC电源型) Relay output (AC power type)
输入信号 input signal	K	K型热电偶 Type K thermocouple
	E	E型热电偶 Type E thermocouple
	PT	PT型热电阻 PT type thermal resistance
显示位数 Display digits	B	999 (3位) / 999 (3 digits)
外形尺寸 External dimensions	1	DIN W48XH48mm
	4	DIN W48XH96mm
	7	DIN W72XH72mm
定时 timing	T	时间定时功能 Time timing function
设置方式 Setting method	C	2段显示型, 按钮设置型 2-segment display type, button setting type
系列 series	T	温度控制器 Temperature Controller
		品牌型号 Brand model number

接线图 Wiring diagram



BEM-TCT-140B-KR
BEM-TCT-4B-KR
BEM-TCT-7B-KR



BEM-TCT-140B-KV
BEM-TCT-4B-KV
BEM-TCT-7B-KV

烫印温控器系列

Hot stamping thermostat series

主要技术参数/The main technical parameters				
系列 series		TCT-1B	TCT-4B	TCT-7B
电源电压 power supply Voltage	AC 电源型 AC power supply type	100-240VAC 50/60Hz		
	AC/DC 电源型 AC/DC power supply type	24VAC 50/60Hz 24-48VDC		
允许电压范围 Allowable voltage range		额定电压的90%~110% 90%~110% of rated voltage		
消耗功率 Power consumption		5VA以下(100-240VAC 50/60Hz, 24VAC 50/60Hz) Below 5VA (100-240VAC 50/60Hz, 24VAC 50/60Hz)		
		3W以下(24-48VDC) Below 3W (24-48VDC)		
显示方式 Display method		7段LED(℃:红色, Time:绿色) 7-segment LED (PV: red, SV: green)		
输入类型 Input type	热电阻 Thermal resistance	Dpt100Q, Cu50 (允许单根电线阻抗5Ω 以下) Dpt100Q, Cu50 (allowing a single wire impedance below 5Ω)		
	热电偶 Thermocouple	K(CA), J(IC), L(IC), T(CC), R(PR), S(PR)		
显示精度 display Precision	热电阻 Thermal resistance	(※1)	常温(23℃±5℃)时:(PV±0.5%或±1℃较大者)±1位 Normal temperature (23℃±5℃): (PV±0.5% or ±1℃ whichever is greater) ±1 digit	
	热电偶 Thermocouple		常温以外:(PV±0.5%或±2℃较大者)±1位 Outside room temperature: (PV±0.5% or ±2℃ whichever is greater) ±1 digit	
控制输出 Control Output	继电器 Relay	250VAC 10A 1a		
	SSR	12VDC ±2V 20mA 以下 12VDC ±2V 20mA or less		
报警输出 Alarm Output		AL1, AL2继电器: 250VAC 3A 1a AL1, AL2 relay: 250VAC 3A 1a		
控制方式 way to control		ON/OFF, P, PI, PD, PID控制 ON/OFF, P, PI, PD, PID control		
控制精度 Control accuracy		1~100℃ / 0.1~50.0℃		
(※1): ◎ 常温 (23℃±5℃) ·热电阻R, S在200℃以下时(PV±0.5%或±3℃中较大者)±1位 200℃以上时(PV±0.5%或±2℃中较大者)±1位 ·热电阻L(IC), 热电阻Cu50Q (PV±0.5%或±2℃中较大者)±1位 ◎ 常温以外 ·热电阻R, S在200℃以下时(PV±1.0%或±6℃中较大者)±1位 200℃以上时(PV±0.5%或±5℃中较大者)±1位 ·热电阻Cu50Q(PV±0.5%或±3℃中较大者)±1位 (※1): ◎Room temperature (23℃±5℃) ·When the thermocouple R, S is below 200℃ (PV±0.5% or ±3℃, whichever is greater) ±1 digit Above 200℃ (PV±0.5% or ±2℃, whichever is greater) ±1 digit ·Thermocouple L(IC), thermal resistance Cu50Q (PV±0.5% or ±2℃ whichever is greater) ±1 digit ◎ Other than normal temperature ·When the thermocouple R, S is below 200℃ (PV±1.0% or ±6℃, whichever is greater) ±1 digit Above 200℃ (PV±0.5% or ±5℃, whichever is greater) ±1 digit ·Thermal resistance Cu50Q (PV±0.5% or ±3℃ whichever is greater) ±1 digit				
比例带(P) Proportional band		0.1~999℃		
积分时间(I) Integration time(I)		0~999秒		
微分时间(D) Differential time(D)		0~999秒		
控制周期(T) Control cycle(T)		0.5~120秒		
手动复位 Manual reset		0.0~100%		
采样周期 Sampling period		100ms		
耐电压 Withstand voltage	AC 电源型 AC power supply type	2000VAC 50/60Hz1分钟(输入端子与电源端子之间) 2000VAC 50/60Hz for 1 minute (between input terminal and power terminal)		
	AC/DC 电源型 AC/DC power supply type	1000VAC 50/60Hz1分钟(输入端子与电源端子之间) 1000VAC 50/60Hz for 1 minute (between input terminal and power terminal)		
耐振动 Vibration resistant		5~55Hz(周期1分钟)振幅0.75mm X,Y,Z各方向2小时 5~55Hz (period: 1 minute), amplitude of 0.75mm in X, Y, and Z directions for 2 hours each		
继电器 寿命 Relay Life span	机械 Machinery	OUT:500万次以上, AL1/2:500万次以上 OUT: more than 5 million times, AL1/2: more than 5 million times		
	电气 Electrical	OUT:20万次以上(250VAC 3A 阻性负载), AL1/2:30万次以上(250VAC 1A 阻性负载) OUT: 200,000 times or more (250VAC 3A resistive load), AL1/2: 300,000 times or more (250VAC 1A resistive load)		
绝缘阻抗 Insulation resistance		100mΩ以下(500VDC为基准) Below 100mΩ (500VDC as the benchmark)		
抗干扰 Anti-interference		干扰模拟器方波干扰(脉冲宽度1 μs)±2kV R相,S相 Interference simulator square wave interference (pulse width 1 μs) ± 2kV R phase, S phase		
记忆保存 Memory preservation		约10年(使用非易失性半导体存储方式) About 10 years (using non-volatile semiconductor storage method)		
环境温度 Ambient temperature		-10~50℃(未结冰状态) -10~50℃ (non-icing state)		
储存温度 Storage temperature		-20~60℃(未结冰状态) -20~60℃ (non-icing state)		
环境湿度 Environmental humidity		35~85%RH, 存储:35~85%RH 35~85%RH, storage: 35~85%RH		
绝缘类型 Insulation type		双重绝缘或强化绝缘(标识:回, 检测输入部分与电源部分之间的介电强度AC电源型:2kV, AC/DC 电源型:1kV) Double insulation or reinforced insulation (marking: return, detecting the dielectric strength between the input part and the power supply, AC power supply type: 2kV, AC/DC power supply type: 1kV)		

烫印温控器系列

Hot stamping thermostat series

烫印参数说明 / Hot stamping parameter description				
代号 code	意义 significance	其他说明 other instructions	范围 scope	默认值 Defaults
OTC	提前报警时间 advance alarm time	当减一倒计时时间等于OTC时间时内置蜂鸣器响OTC时间 When the countdown time minus one is equal to the OTC time, the built-in buzzer sounds the OTC time	0—250秒 (SEC)	0
SCT	下排数码显示方式 Lower row digital display mode	=0 正常状态下显示设定时间或倒计时时间, 设置参数时显示参数数值。 =0 Display the set time or countdown time in normal state, and display the parameter value when setting parameters =其他 正常状态下显示SV温度设定值, 启动计时后显示倒计时时间, 设置参数时显示参数数值。 =Other Displays the SV temperature setting value in normal state, displays the countdown time after starting the timer, and displays the parameter value when setting parameters.	0 - - 3	0
TOF	时间输出类型 Time output type	当倒计时结束后时间继电器(蜂鸣器)吸合输出时该功能有效, 延时TOF时间后断开 This function is valid when the time relay (buzzer) picks up the output after the countdown ends, and disconnects after delaying the TOF time =00 时则吸合直到启动开关断开 =00, it will pull in until the start switch is off =100 时则一直以0.5秒间隔输出直到启动开关断开 =100, it will be output at 0.5 second intervals until the start switch is turned off =104 时则以0.5秒断续输出4秒既4声后断开 =104, it will be output intermittently for 4 seconds in 0.5 seconds, that is, it will be disconnected after 4 sounds =003 时则一直输出4秒后断开 =003, it will always output for 4 seconds and then disconnect	0—199秒 (SEC)	00
M-S	时间单位 time unit	=0 时减一时间单位为秒 =0, minus one time unit is seconds =1 时减一时间单位为0.1秒 =1, minus one time unit is 0.1 seconds =2/3 时减一时间单位为分钟 = 2/3, minus one time unit is minutes	0-3	0
OTS	烫印类型 Hot Stamp Type	=0: 开关闭合, 显示倒计时, 倒计时为0, 时间继电器吸合, 内部蜂鸣器响, 一直等到开关断开, 继电器才释放, 蜂鸣器才不响, 一次操作完成; =0: The switch is closed, the countdown is displayed, the countdown is 0, the time relay is closed, the internal buzzer sounds, wait until the switch is disconnected, The relay is released, the buzzer does not sound, and one operation is completed; =1: 开关闭合, 显示倒计时, 时间继电器吸合, 倒计时为0, 继电器释放, 蜂鸣器响, 一直等到开关断开, 蜂鸣器才不响, 一次操作完成; =1: The switch is closed, the countdown is displayed, the time relay is closed, the countdown is 0, the relay is released, the buzzer sounds, Wait until the switch is turned off, the buzzer does not sound, and one operation is completed; =7: 头上电判断测量值大于等于设置值后开关闭合有效: 开关闭合, 显示倒计时, 时间继电器吸合, 倒计时为0, 继电器释放, 蜂鸣器响, 一直等到开关断开, 蜂鸣器才不响, 一次操作完成。开关再次闭合启动倒计时不再判断温度值 =7: When the head is powered on to determine that the measured value is greater than or equal to the set value, the switch is closed and the switch is closed: the switch is closed, the countdown is displayed, the time relay is closed, When the countdown is 0, the relay is released, the buzzer will sound, and the buzzer will not sound until the switch is turned off, and one operation is completed. switch again Closed start countdown no longer judges the temperature value =3: 点动开关输入启动倒计时, 倒计时为0, 继电器吸合, 同时蜂鸣器响, 等到再次点动开关输入继电器释放和蜂鸣器不响, 一次操作完成; =3: The jog switch input starts the countdown, the countdown is 0, the relay is closed, and the buzzer sounds at the same time, wait until the jog switch is pressed again The input relay is released and the buzzer does not sound, and one operation is completed; =4: 点动开关输入启动倒计时, 继电器吸合, 倒计时为0, 继电器释放, 同时蜂鸣器响, 等到再次点动开关输入蜂鸣器不响, 一次操作完成; =4: The jog switch input starts the countdown, the relay is closed, the countdown is 0, the relay is released, and the buzzer sounds at the same time. When the jog switch input buzzer does not sound again, one operation is completed; =5: 点动开关输入启动倒计时, 倒计时为0, 继电器吸合, 同时蜂鸣器响, 一次操作完成, 等到下次点动开关输入启动时, 继电器才释放和蜂鸣器不响; =5: The jog switch input starts the countdown, the countdown is 0, the relay is closed, and the buzzer sounds at the same time, one operation is completed, The relay will be released and the buzzer will not sound until the next time the jog switch input is activated;	0---17	0

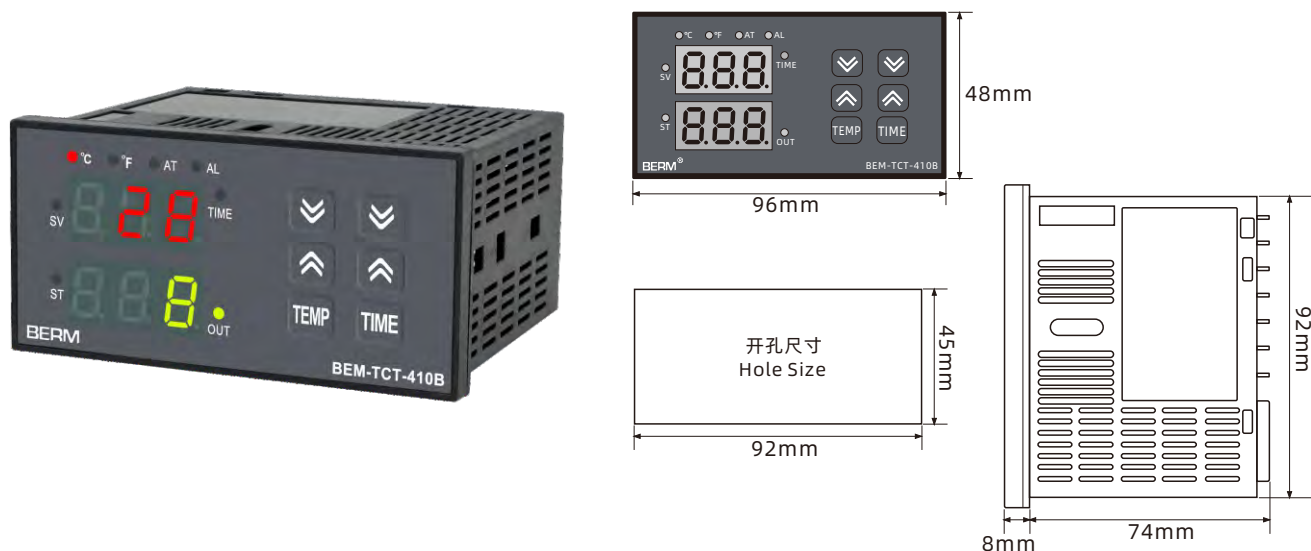
烫印温控器系列

Hot stamping thermostat series

		=6:点动开关输入启动倒计时, 继电器吸合, 倒计时为0, 继电器释放, 蜂鸣器响, 一次操作完成, 等到下次点动开关输入启动时, 继电器又再次吸合和蜂鸣器不响; =6: The jog switch input starts the countdown, the relay is closed, the countdown is 0, the relay is released, the buzzer sounds, one operation is completed, Wait until the next time the jog switch input is activated, the relay will pull in again and the buzzer will not sound; =15: 高低温控制, 当温度小于设定低温有输出, 升到设定低温无输出, 开关闭合温小于高温设定值, 有输出, 升到高温设定值无输出, 开始倒计时; =15: High and low temperature control, when the temperature is lower than the set low temperature, there is output, when the temperature rises to the set low temperature, there is no output, and the switch closing temperature is less than the high temperature set value, There is output, when it reaches the high temperature set value, there is no output, and the countdown starts; =16: 点动按键启动, 点动时间加键, 显示倒计时, 倒计时为0, 时间继电器吸合, 内部蜂鸣器响, 等到再次点动按键, 继电器才释放, 蜂鸣器才不响, 一次操作完成。 =16: Press the button to start, press the time plus button, display the countdown, the countdown is 0, the time relay is closed, the internal buzzer sounds, When the button is pressed again, the relay is released, the buzzer does not sound, and one operation is completed. =17: 点动按键启动, 点动时间加键, 显示倒计时, 时间继电器吸合, 倒计时为0, 继电器释放, 蜂鸣器响, 等到再次启动按键, 蜂鸣器才不响, 一次操作完成; =17: Press the button to start, press the time plus button, display the countdown, the time relay is closed, the countdown is 0, the relay is released, the buzzer sounds, Wait until the button is activated again, the buzzer will not sound, and one operation is completed; =其他 无用 = other useless		
OSH	高温计时 High temperature timing	OTS=15时有用, 当测量温度达到OSH时开始计时 Useful when OTS=15, start timing when the measured temperature reaches OSH	00---SCH	200
OSL	低温启动 low temperature start	OTS=15时有用, 当测量温度达到OSL时启动开关有效 Useful when OTS=15, when the measured temperature reaches OSL, the start switch is effective	00---SCH	50
OTM	低温启动 low temperature start	OTM*10MS,当=30时, 则倒计时结束蜂鸣器以0.3秒为频率通断, 需要时建议设置为60。=0则长响 OTM*10MS, when = 30, the buzzer will be turned on and off at a frequency of 0.3 seconds at the end of the countdown. It is recommended to set it to 60 if necessary. =0 long beep	00---100	00
OTA	温度提示时间 temperature prompt time	通电后当PV > =SV时间蜂鸣器响OTA时间 为0无此功能 After power-on, when PV>=SV time buzzer sounds OTA time is 0, no such function	00---30S/秒	00

产品规格选型 / Product specification selection

外形尺寸 External dimensions

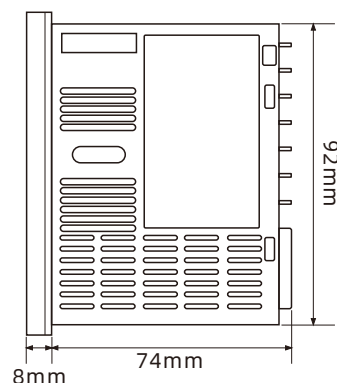
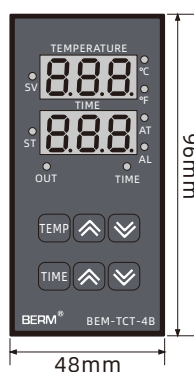


工作电压 Operating Voltage	100-240VAC				产品尺寸 Product Size	96X48X82MM		开孔尺寸 Hole Size	92X45MM	
产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	
BEM-TCT-410B-KR	RELAY	0-999	0-999℃		BEM-TCT-410B-KV	SSR	0-999	0-999℃		
产品重量 product weight	(RELAY) 1pcs/0.207KG (SSR) 1pcs/0.182KG 50pcs/1箱(box)									

烫印温控器系列

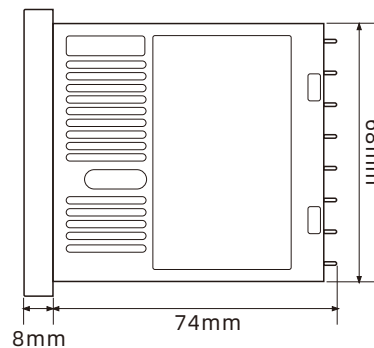
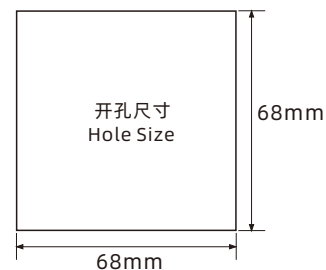
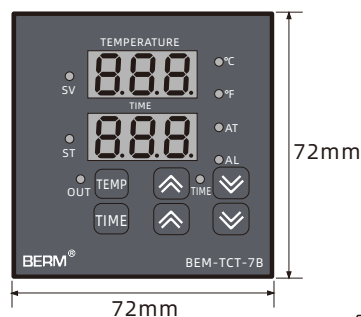
Hot stamping thermostat series

外形尺寸 External dimensions



工作电压 Operating Voltage	100-240VAC				产品尺寸 Product Size	48X96X82MM		开孔尺寸 Hole Size	45X92MM	
产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	
BEM-TCT-4B-KR	RELAY	0-999	0-999°C		BEM-TCT-4B-KV	SSR	0-999	0-999°C		
产品重量 product weight	(RELAY) 1pcs/0.207KG (SSR) 1pcs/0.182KG				50pcs/1箱(box)					

外形尺寸 External dimensions



工作电压 Operating Voltage	100-240VAC				产品尺寸 Product Size	72X72X82MM		开孔尺寸 Hole Size	68X68MM	
产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	时间范围 time range	最高温度 Maximum temperature	单价 unit price	
BEM-TCT-7B-KR	RELAY	0-999	0-999°C		BEM-TCT-7B-KV	SSR	0-999	0-999°C		
产品重量 product weight	(RELAY) 1pcs/0.207KG (SSR) 1pcs/0.185KG				50pcs/1箱(box)					