



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。

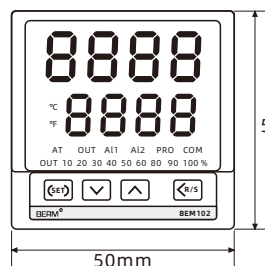
0. No alarm

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

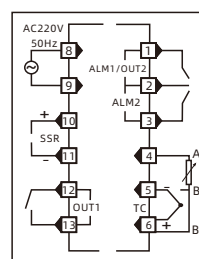
额定电压 Rated voltage	180V-240VAC 50Hz	电源功耗 Power consumption	≤ 5VA
分辨率 Resolution	1°C, 0.1°C (可调) 1°C, 0.1°C (adjustable)	相对湿度 Relative humidity	35%-85%RH(无冷凝) 35%-85%RH (no condensation)
测量精度 measurement accuracy	±0.5%FS	环境温度 Ambient temperature	0°C-50°C
报警范围 Alarm range	全量程自由设定 Full range free setting	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	继电器触点 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

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



50mm

50mm



开孔尺寸
Hole Size

45mm

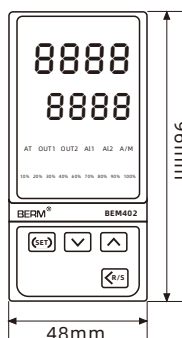
10.8mm

76mm

45mm

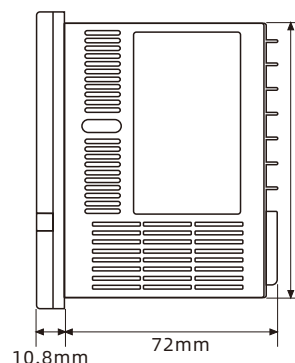
工作电压 Operating Voltage	180-240VAC	24VDC	380VAC	产品尺寸 Product Size	48X48X87MM	短款/Short paragraph			
产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price	产品型号 Product model	主控输出 Main control output	报警输出 Alarm Output	最高温度 Maximum temperature	单价 unit price
BEM102-K1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370°C		BEM102-PT1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370°C	
BEM102-K1224	继电器/RELAY 固态/SSR	二路报警 Two-way alarm	1370°C		BEM102-K320	PID 4-20mA	一路报警 Alarm all the way	1370°C	
BEM102-K1220 Rs485	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370°C		BEM102-K620	变送 4-20mA Transmit 4-20mA	一路报警 Alarm all the way	1370°C	
产品重量 product weight	1pcs/0.247KG	100pcs/1箱(box)	A12						

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



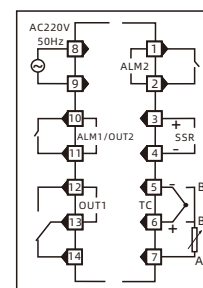
96mm

48mm



10.8mm

72mm



开孔尺寸
Hole Size

92mm

45mm

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°C		BEM402-PT1220	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370°C	
BEM402-K1224	继电器/RELAY 固态/SSR	二路报警 Two-way alarm	1370°C		BEM402-K320	PID 4-20mA	一路报警 Alarm all the way	1370°C	
BEM402-K1220 Rs485	继电器/RELAY 固态/SSR	一路报警 Alarm all the way	1370°C		BEM402-K620	变送 4-20mA Transmit 4-20mA	一路报警 Alarm all the way	1370°C	
产品重量 product weight	1pcs/0.303KG	50pcs/1箱(box)							