

TX2 Series



规格

SPECIFICATIONS

电源电压 Power supply		① 100-240VAC/DC ② 24VAC/DC
允许电压变动范围 Allowable voltage range		电源电压的90-110% 90% - 110% of power supply
消耗功率 Power consumption		≤ 8VA
输入类型 Input type	热电偶 TC	K E J
	热电阻 RTD	Pt100 Cu50
显示精度 Display accuracy		±0.5%
输出类型 Output type	继电器 Relay	250VAC-3A 30VDC 3A 一开一闭 250VAC-3A 30VDC 3A 1NO 1NC
	SSR	12VDC ±2V, ≤20mA
报警输出 Alarm output	继电器 Relay	AL1: 250VAC-3A 1开 AL1: 250VAC-3A 1NO
控制方式 Control type		位式控制、PID控制 ON/OFF、PID Control
采样周期 Sampling period		100ms
继电器寿命 Relay life cycle	机械 Mechanical	≥250万次 ≥2,500,000 operations
	电气 Electrical	≥10万次 (阻性负载: 250VAC~3A) ≥100,000 operations (resistance load: 250VAC~3A)
耐电压 Dielectric strength		端子和外壳间: 3,000 VAC ~ 50/60 Hz 1分钟 Between all terminals and case: 3,000VAC ~ 50/60Hz for 1 min
耐振动 Vibration		5-55Hz (周期1分钟) 振幅0.75mm X,Y,Z各方向2小时 0.75mm amplitude at frequency 5 to 55Hz (for 1 min.) in each X, Y, and Z direction for 2 hours
绝缘电阻 Insulation resistance		≥100MΩ (500VDC 兆欧表)
抗干扰 Noise immunity		由干扰模拟器产生的方波干扰 (脉宽1μs) ±2KV R相, S相 ±2KV square shaped noise (pulse width 1us) by noise simulator R-phase, S-phase
停电记忆 Memory retention		≈10年 (非易失性半导体存储方式) ≈10 years(non-volatile semiconductor memory type)
使用环境温度 Ambient temp.		-10~50°C 存储时: -20~60°C (未结冰, 未结露状态) -10~50°C storage: -20~60°C (no freezing or condensation)
使用环境湿度 Ambient humi.		35%~85%RH 存储时: 35%~85%RH (未结冰, 未结露状态) 35%~85%RH storage: 35%~85%RH (no freezing or condensation)

型号

MODEL

T X 2 - ① ② ③ ④ - ⑤

① 外形尺寸 Size

S : DIN W 48 × H 48 mm
H : DIN W 48 × H 96 mm
M : DIN W 72 × H 72 mm
L : DIN W 96 × H 96 mm

② 控制输出 Control output

R : Relay
S : SSR

④ 输入规格 Input type

T : TC (K E J)
R : RTD (Pt100 Cu50)

③ 报警输出数 Alarm outputs

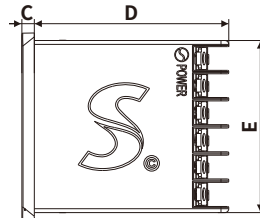
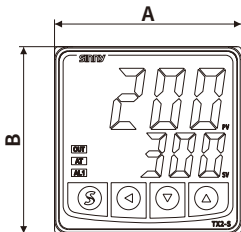
0 : 报警 0 Alarm 0
1 : 报警 1 Alarm 1

⑤ 电源电压 Power supply

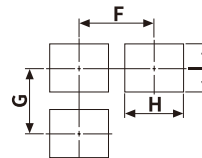
2 : 100-240VAC/DC
4 : 24VAC/DC

尺寸

SIZE



■ 面板加工尺寸图
Panel cut-out



	本体 Body					面板加工尺寸图 Panel cut-out			
	A	B	C	D	E	F	G	H	I
TX2-S	48	48	3	50	44.5	≥70	≥70	45	45
TX2-H	48	96	3	50	91	≥70	≥120	45	92
TX2-M	72	72	3	50	67	≥95	≥95	68	68
TX2-L	96	96	3	50	91	≥120	≥120	92	92