

Azucena 60 Paraje San Juan, Iztapalapa, C.P. 09830, México D.F. Tel. (55) 3548-0321 / 22 Fax. (55) 5778-8957

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CONTROLES DE TEMPERATURA ATC



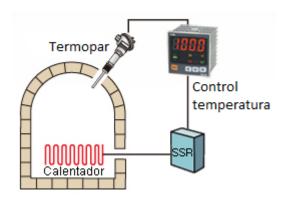
Controles de temperatura en diferentes tamaños, con entradas para los sensores más comunes como son el termopar J y K así como el RTD PT100, la salida es a relevador ó relevador SSR en el mismo equipo, la configuración se hace en el equipo, una salida de alarma estándar y una opcional. Esta serie se caracteriza por su tamaño compacto y su visibilidad mejorada.

Características principales.

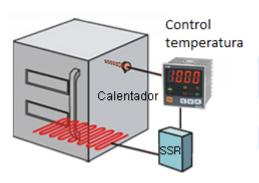
- Control PID ó ON-OFF.
- Entradas termopar J, Ky RTD's Pt100.
- Diferentes tipos de salida en el mismo equipo, se puede seleccionar entre salida a relevador y SSR.
- Salidas secundarias 1 ó 2 las cuales pueden ser utilizadas como alarmas.
- Display más grande de 4 digitos e indicadores de SV, °F, °C, OUT, AL1 y AL2.

Ejemplo de aplicaciones

SECADOR



HORNO





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Especificaciones

Model		ATC4S	ATC4SP	ATC4Y	ATC4M	ATC4H	ATC4W	ATC4L
Appearances & Dimensions		NEW	NEW	NEW	NEW	NEW	NEW	NEW NEW
		[W48×H48×L64.5mm]	[W48×H48×L72.2mm]	[W72×H36×L77mm]	[W72×H72×L64.5mm]	8888 2 22 2 05 [W48×H96×L64.5mm]	[W96×H48×L64.5mm]	8.8.8.8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Power supply		100-240VAC 50/60Hz						
Allowable voltage range		90~110% of rated voltage						
Power consumption		Max. 5VA						
Display method		7Segment(Red), Other display (Green, Yellow, Red LED)						
Character size		W7.0×H15.0mm W7.4×H15.0mm W9.5×H20.0mm W7.0×H14.6mm W9.5×H20.0mm W11.0×H22.0mm						
Input	RTD	DIN Pt100Ω (Allowable line resistance max. $5Ω$ per a wire)						
type	TC	K(CA), J(IC)						
Display method	TC.	(★1) (PV ±0.5% or ±1℃ higher one) rdg ±1Digit (★2) #TC4SP (Plug type) is (PV ±0.5% or ±2℃ higher one) rdg ±1Digit						
	RTD							
	Datas	■Based on normal temperature(23 ℃ ±5℃)						
Output	Relay	250VAC 3A 1a						
	Sub	12VDC ±2V 20mA Max.						
Control method		AL1, AL2 relay output: 250VAC 1A 1a (*TC4SP, TC4Y have AL1 only.) ON/OFF and P, PI, PD, PID control						
Hysteresis		1 ~ 100°C (KCA,JIC,PT1) / 0.1 ~ 50.0°C (PT2)						
Proportional band		0.1 ~ 999.9°C						
Integral time(I)		9999sec.						
Derivative time(D)		9999sec.						
Control period		0.5 ~ 120.0sec.						
Manual reset		0.0 ~ 100.0%						
Sampling period		100ms						
Dielectric strength		2000VAC 50/60Hz for 1min.(Between input terminal and power terminal)						
Vibration		0.75mm amplitude at frequency of 5~55Hz in each X, Y, Z directions for 2 hours						
Relay Mechanical		Min. 10,000,000 operations						
life cycle Electrical		Min. 100,000 operations (at 250VAC 3A resistive load)						
Insulation resistance		Min. 100M⊋ (at 500VDC)						
Noise		Square shaped noise by noise simulator (pulse width 1 ps) ± 2kV R-phase and S-phase						
Memory retention		Approx. 10 years (When using non-volatile semiconductor memory type)						
Ambient temperature		-10 ~ 50℃ (at non-freezing status)						
Storage te	mperature	-20 ~ 60℃ (at non-freezing status)						
Ambient humidity		35 ~ 85%RH						

*(★1)(PV ±0.5% or ±2°C higher one) rdg ±1Digit, in case, out of normal temperature range.
*(★2)TC4SP is (PV ±0.5% or ±3°C higher one) rdg ±1Digit, in case, out of normal temperature range.



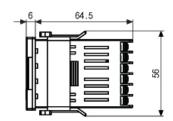




Dimensiones (mm)

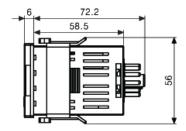
ATC4S



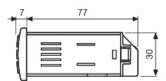


ATC4SP



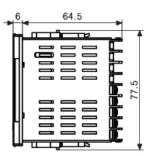






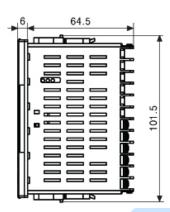
ATC4M





ATC4H





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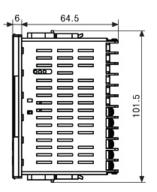


• ATC4W









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