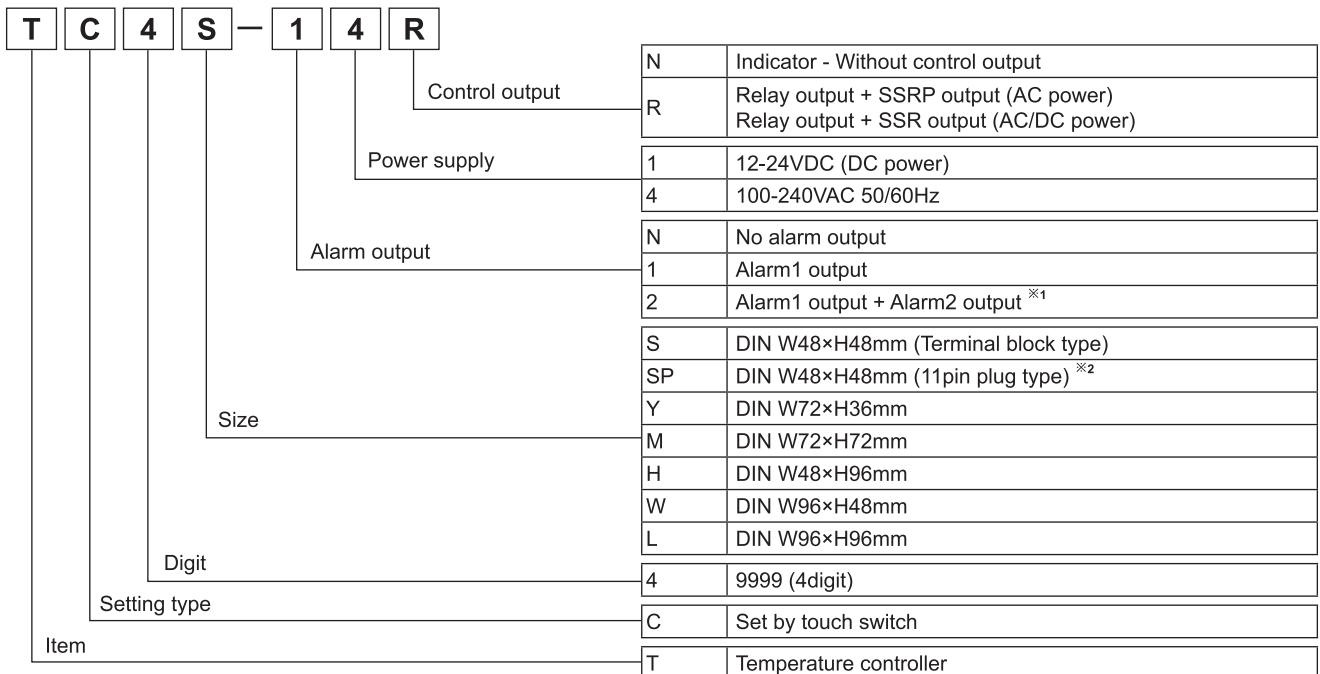







Controlador de Temperatura econômico com PID

Série TC – Uma das melhores soluções em controlador de temperatura com melhor custo-benefício, com funções essenciais e ótimo desempenho, a série TC possui a mais nova tecnologia em PID. Especialmente as duas saídas SSRP e Rele que favorecem a economia, com melhor visibilidade e tamanho compacto.

Autonics

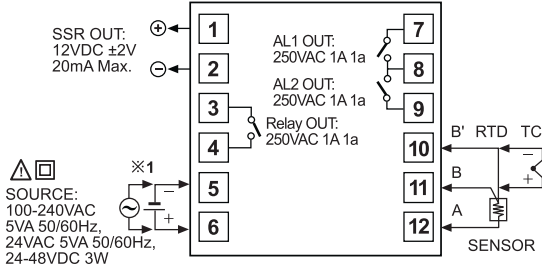


Especificações

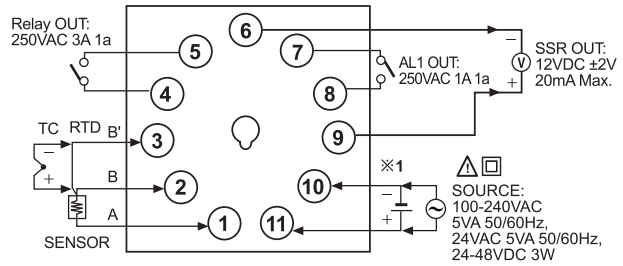
Series		TC4S	TC4SP	TC4Y	TC4M	TC4W	TC4H	TC4L
Control output	Relay	250VAC 3A 1a						
	SSR	12VDC ±2V 20mA Max.						
Sub output		AL1, AL2 relay output: 250VAC 1A 1a(※TC4SP, TC4Y have AL1 only.)						
Control method		ON/OFF and P, PI, PD, PID control						
Hysteresis		1 to 100°C/°F (0.1 to 50.0°C/°F) variable						
Proportional band (P)		0.1 to 999.9°C/°F						
Integral time (I)		0 to 9999 sec.						
Derivative time (D)		0 to 9999 sec.						
Control period (T)		0.5 to 120.0 sec.						
Manual reset		0.0 to 100.0%						
Sampling period		100ms						
Dielectric strength	AC power	2,000VAC 50/60Hz for 1min.(between input terminal and power terminal)						
	AC/DC power	1,000VAC 50/60Hz for 1min.(between input terminal and power terminal)						
Vibration		0.75mm amplitude at frequency of 5 to 55Hz(for 1 min.) in each of X, Y, Z directions for 2 hours						
Relay life cycle	Mechanical	OUT: Over 5,000,000 times, AL1/2: Over 5,000,000 times						
	Electrical	OUT: Over 200,000 times(250VAC 3A resistive load) AL1/2: Over 300,000 times(250VAC 1A resistive load)						
Insulation resistance		Min. 100MΩ(at 500VDC megger)						
Noise resistance		±2kV R-phase, S-phase the square wave noise (pulse width: 1us) by the noise simulator						
Memory retention		Approx. 10 years (when using non-volatile semiconductor memory type)						
Environment	Ambient temperature	-10 to 50°C, storage: -20 to 60°C						
	Ambient humidity	35 to 85%RH, storage: 35 to 85%RH						
Insulation type		Double insulation or reinforced insulation (mark:  , Dielectric strength between the measuring input part and the power part: AC power 2kV, AC/DC Power 1kV)						
Approval		  (Except for AC/DC power type)						
Unit weight		Approx. 97g	Approx. 84g	Approx. 127g	Approx. 127g	Approx. 118g	Approx. 118g	Approx. 172g

Conexões

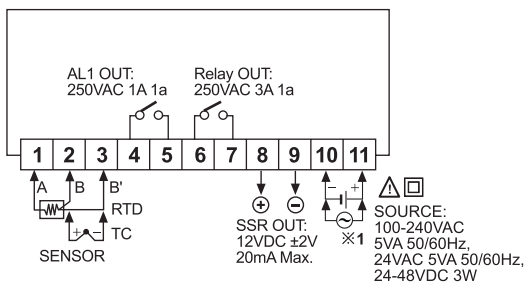
● TC4S



● TC4SP

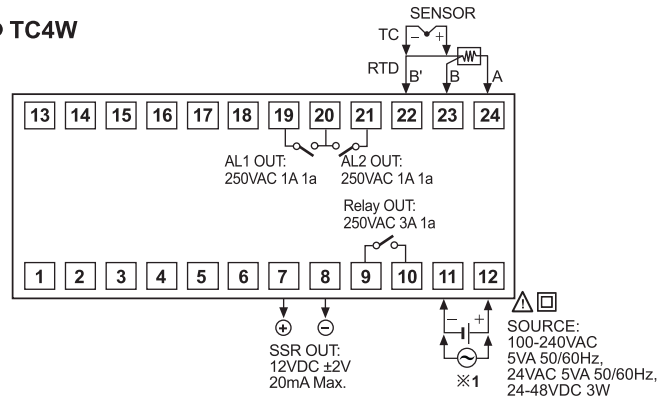


● TC4Y

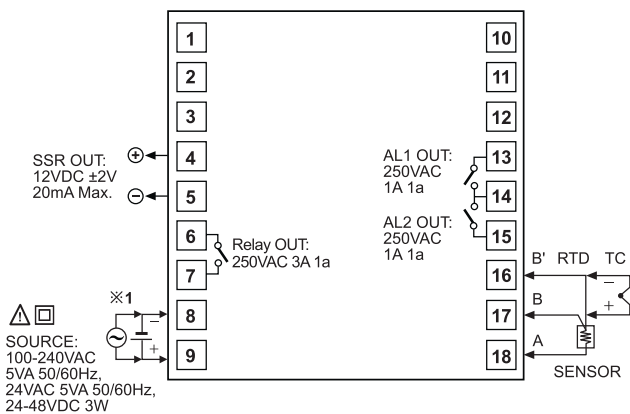


- ※1: • AC power: 100-240VAC 5VA 50/60Hz
• AC/DC power: 24VAC 5VA 50/60Hz, 24-48VDC 3W

● TC4W

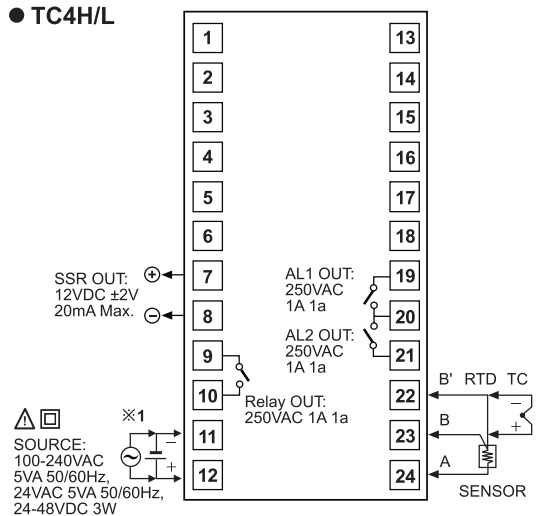


● TC4M

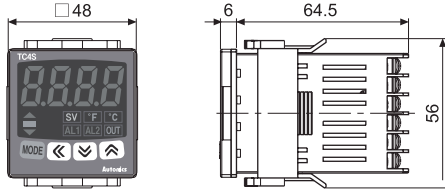


- ※1: • AC power: 100-240VAC 5VA 50/60Hz
• AC/DC power: 24VAC 5VA 50/60Hz, 24-48VDC 3W

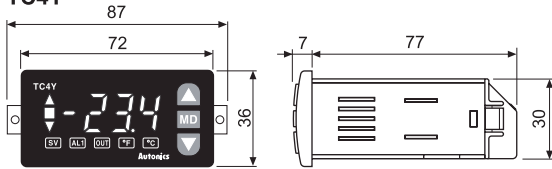
● TC4H/L



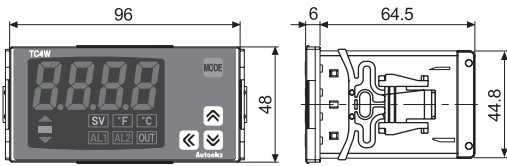
● TC4S



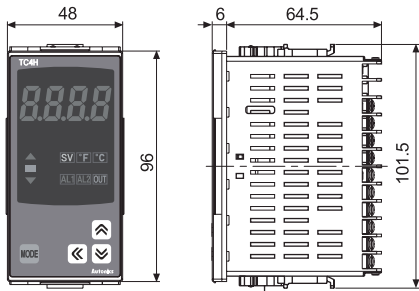
● TC4Y



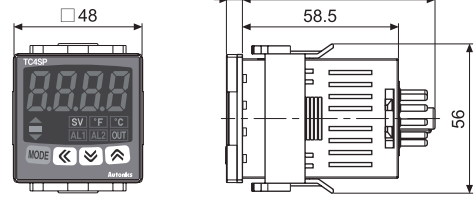
● TC4W



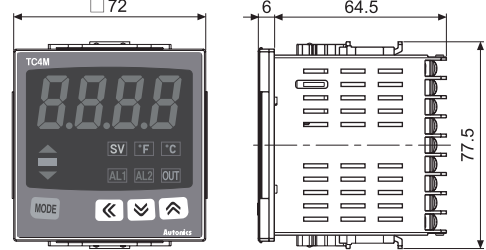
● TC4H



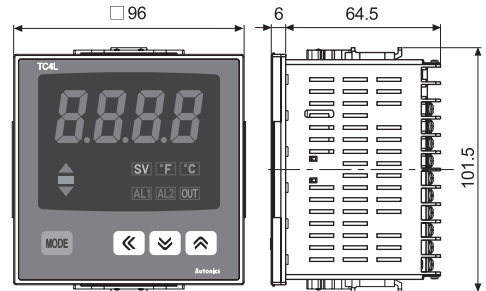
● TC4SP



● TC4M

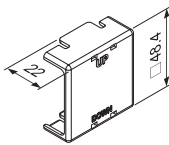


● TC4L

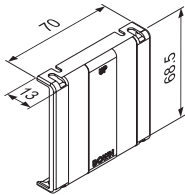


Capa do terminal (vendida separadamente)

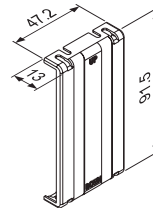
● RSA-COVER
(48×48mm)



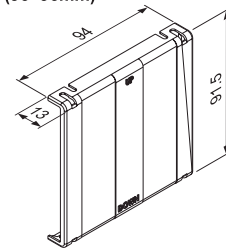
● RMA-COVER
(72×72mm)



● RHA-COVER
(48×96mm)

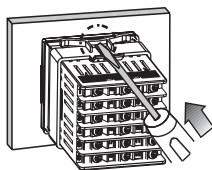


● RLA-COVER
(96×96mm)

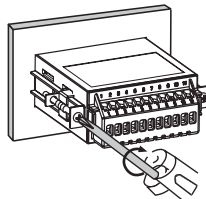


Montagem do Produto

● TC4S/SP(48×48mm) Series



● TC4Y(72×36mm) Series



● Other Series

