

ST809 Series intelligent digital temperature controller



ST809A



ST809S



ST809

Input signal	<p>Thermocouple: K, E, S, B, J., T, R, N</p> <p>Thermal resistance: Pt100 Cu100 Cu50(just in single phase)</p> <p>Remote sending manometer and wire resistance value: 0-400Ω(just in single phase)</p> <p>Line signal: 0-20mV 0-75mV 0-200mV 0-5V 1-5V 0-10mA 4-20mA pulse frequency 0-10KHz(just in single phase)</p>
Accuracy	±0.5% F.S±1 word optical column ±3%F.S
Control way	Fuzzy PID control, states control, manual control
Control output	<p>Relay contact point: AC250V 3A (resistance)</p> <p>Logical voltage DC: 0/5V</p> <p>Start pulse over zero: optical couple control silicon output 1A 600V</p> <p>Start pulse on transport: optical couple control silicon 1A 600V</p> <p>0-10mA、0-20mV、4-20mA Current output (below load resistance 600Ω)</p>
Alarm type	high limit alarm, lower limit alarm, upper high limit alarm, below lower limit alarm
Transmitter output	0-10mA、4-20mA、0-5V、1-5V
Junction	RS485
Power output	DC24V (used in double line transmitter)
Work power	AC 220V±10% 50/60Hz, AC85-264V 50/60Hz
Out dimension (width×height×depth)	<p>ST809: 80 X 160 X 85 mm</p> <p>ST809S:160 X 80 X 85mm</p> <p>ST809A: 96 X 96 X 120 mm</p>
Install dimension	<p>ST809: 75⁺¹ X 155⁺¹ mm</p> <p>ST809S:155⁺¹ X 75⁺¹ mm</p> <p>ST809A: 92⁺¹ X 92⁺¹ mm</p>