



Inputs : J, K, Pt100
85~265 V AC SMPS
Control : PID Control
Autotuning for PID parameters
Accuracy : 0.1% of full scale 1 C, typical
Sensor break indication
Plug-in design
72 x 72 x 100 mm

SPECIFICATIONS

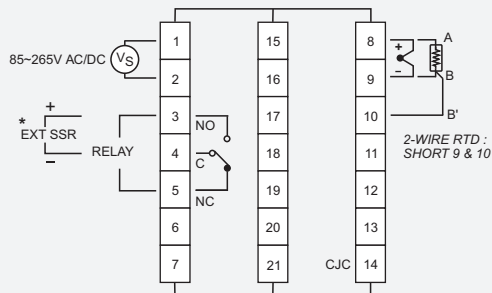
All specifications at ambient of 25 °C, unless specified otherwise

<p>INPUT</p> <p>Input types Thermocouple RTD</p> <p>Range limits Resolution Accuracy Cold junction compensation Temperature coefficient of accuracy</p> <p>OUTPUTS</p> <p>No. of relays Relay contact type Relay contact rating SSR drive</p> <p>Mutual isolation between input/output/supply</p> <p>INDICATION</p> <p>Display</p> <p>Status indication</p>	<p>J, K Pt100</p> <p>See Table 1 1° See Table 1 Automatic</p> <p>± 0.5% of span / 25°C</p> <p>1 electromagnetic relay NO-C-NC 5A / 230V AC, resistive 12 V DC drive signal for external SSR 1 KV AC / 1 minute</p> <p>3 digit, 7 segment 0.52" (13.2 mm) red LED display LED for relay status</p>	<p>PID CONTROL</p> <p>PID parameter values</p> <p>PID control type</p> <p>PROGRAMMABLE PARAMETERS</p> <p>Input Setpoint Autotune</p> <p>OTHER</p> <p>Keyboard Enclosure construction</p> <p>Dimensions (in mm) Mounting Panel cutout Supply voltage Power consumption Operating ambient temperature Relative humidity</p>	<p>Determined by 'Autotune' (values not available to user) For 'Heat' type of applications (single output)</p> <p>Full range (See Table 1) ON, OFF</p> <p>Tactile, 3 keys Plug-in (circuit removable without affecting terminal wiring) 72(H) x 72(W) x 100(D) Panel mount 68 x 68 mm 85~265 V AC, 50/60 Hz 3 watts maximum 0 ~ 50 °C</p> <p>Below 90%, non condensing</p>
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TABLE 1

SENSOR / INPUT	RANGE LIMITS (°C / EU)		RANGE IN WHICH ACCURACY IS SPECIFIED		TYPICAL ACCURACY AT 30 °C (°C / EU)	WORST CASE ACCURACY AT 30 °C (°C / EU)
	LOW SCALE	HIGH SCALE	LOW SCALE	HIGH SCALE		
Iron / Constantan (J)	-99	760	0	760	± 1	± 3
Chromel / Alumel (K)	-99	999	-50	999	± 1	± 3
Pt100, 3-wire	-99	850	-50	850	± 1	± 2

CONNECTION DIAGRAM



* - FACTORY OPTION

STK-754

ORDERING INFORMATION

2201 A

A	Configuration	
	Relay	SSR drive
00	1	0
01	0	1

* Minimum Order quantity required : 5 pcs

OTHER PRODUCTS

PID CONTROLLER P348

48x48x100 1 SETPOINT LOW COST



PID CONTROLLER P396

96x96x100 1 SETPOINT LOW COST



PID CONTROLLER P48

48x48x100 2 SETPOINTS



PID CONTROLLER X49

48x96x100 4 SETPOINTS



PID CONTROLLER P72

72x72x100 2 SETPOINTS



PID CONTROLLER P96

96x96x100 2 SETPOINTS



PID CONTROLLER X48

48x48x100 3 SETPOINTS FULL FEATURED



PID CONTROLLER X94

96x48x100 4 SETPOINTS FULL FEATURED



PID CONTROLLER X96P

96x96x100 5 SETPOINTS FULL FEATURED



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