

Temperature Instruments

Model EX9 – 2H - U

Model :EX9-2H-U	
Function	2 Set Point temp. Controller (Heater type)
Rated Supply Voltage	85V to 270V AC/DC
Rated Frequency	50/60 Hz $\pm 5\%$ for AC only
Power consumption	AC Aprox.4VA / 1W
Control Output	1 C/O contact rated for 5A @ 250V AC/ 28V DC resistive load for each set point
Display accuracy	$\pm(0.5\%$ of full scale) $\pm 1^{\circ}$ C
Hysteresis	2° C - 20° C
Range	0° C - 600° C (J TYPE) 0° C - 1200° C (K TYPE) 0° C - 300° C (PT100)
Input	J/K/PT100
Recovery Time	2 Sec minimum
Ambient temperature	Operation : $+5^{\circ}$ C to $+45^{\circ}$ C Storage : -10° C to $+85^{\circ}$ C
Variation due to temperature	0.25° C per degree change in ambient temperature (ref. 25° C)
Humidity	Up to 85% RH @ 40° C
Insulation resistance	>100 M ohms @ 500V DC
Service life(under no load)	10^6 Operations minimum
Electrical life(Under full load)	10^5 Operations minimum
Dielectric strength	a) 2.5 KV AC, 50HZ for 1 minute. (Between current carrying & non-current carrying parts) b) 1.5 KV AC, 50HZ for 1 minute. (Between contacts & control circuit) c) 750 V AC, 50HZ for 1 Minute. (Between non-continuous relay contacts)
Electrical Connection	Screw type terminals with self lifting clamps.
Dimension	96 x 96 x 112 mm(W x H x D)
Enclosure(series)	E series



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