

**ON-OFF TEMPERATURE CONTROLLER****FEATURES:**

- Universal Input(J,K,PT-100) Selectable.
- Wide Voltage Range.
- ON/OFF or Self/Tuned Function Selectable.
- Indication for relay status and sensor failure.
- Automatic cold junction compensation.
- Elegant enclosure with protective cover
- Single/double set point.

**MODEL: H3TX-U****SPECIFICATIONS:**

Function	On-OFF temperature Controller,SELF TUNE temperature controller
Rated Supply Voltage	85V to 270V AC/DC
Control Output	1 C/O contact rated for 5A @250V AC /28V DC resistive load.
Rated Frequency	50/60 Hz \pm 5% for AC only
Ambient temperature	Operation: +5°C to +45° C Storage: -10°C to + 85°C
Hysteresis	2°C - 20°C(for ON/OFF function only)
Variation due to Temperature	0.25°C per degree change in ambient temperature(ref.25°C)
Humidity	Up to 85% RH @ 40° C
Recovery Time	2 Sec Minimum
Electrical Connections	Screw type terminals with self lifting clamps
Dimensions	48X48 X 115mm (W X H X D)
Power Consumption	AC approx 15 VA/3W
Input	J/K/PT100
Electrical Life	10 ⁵ Operations Minimum
Service Life	10 ⁶ operations minimum (under no load)
Insulation Resistance	>100M ohms @ 500V DC
Display Accuracy	\pm (0.5%of full scale) \pm 1°C
Range	0°C -600°C(J TYPE), 0°C -1200°(K TYPE), -100°C -300°C(PT100 ON/OFF), 0°C-300°C(PT100 SELF TUNE)
Dielectric Strength	<ul style="list-style-type: none"> • 2.5KVAC,50 HZ for 1 minute(Between current carrying and non current carrying parts) • 1.5KV AC, 50HZ for 1 Minute(between contacts & control circuit) • 750 V Ac, 50 Hz for 1 Minute(between non-continuous relay contacts)

For further information/clarification send mail to info@digitalpromoters.com ; dpipl@vsnl.com
Or Call 011-41618100 (3 lines) Fax: 011-26437849