Syntax TC - Digital Temperature Unit (DTU)

1U Hot Fix Fan Unit

With the ever increasing demand in ideal control of temperature in cabinets, DTU is specially designed and produced to monitor, protect and provide control for thermal sensitive systems and equipments.

Comprising of a digital thermostat, temperature sensor and a power cord, the DTU takes up a minimal 1U space when rack-mounted.

A good thermal strategy is essential to signal and monitor the thermal properties within a racking system to ensure optimal and reliable operation of equipments. This highly effective control unit can be further integrated with fan units, alarm buzzers or customized thermal systems to meet the most demanding thermal applications.

1U Hot Fix Thermostat Fan Unit

Ordering Information and Physical Characteristics:

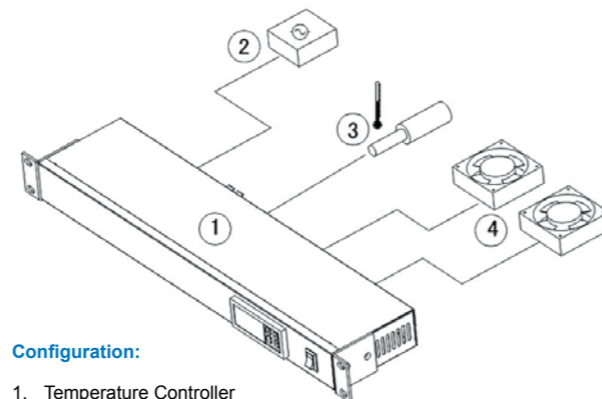| Model No.	Remarks
DTU-1U	1U Rack Mount (RAL9004)

Standard Scope of Supply

- Temperature Controller
  (Main Casing, Cover and Mounting Bracket)
- Temperature Sensor with Wire (1.2M length)
- 1 x AC Power Cord with BS1363 UK Plug
- *Finish with Epoxy Powder Coating
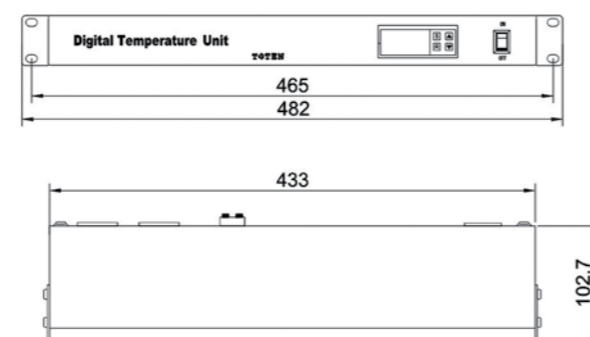 RAL9004 Black

Specifications

No.	Description	Parameter
1	Range	0°C ~ 50°C
2	Input	PTC (10k)
3	Output	2x IEC 320 C13 Sockets
4	Consumption	3W
5	Power Supply	220VAC
6	Accuracy	± 1°C
7	Display	2 Way 8 Section Red Digital
8	Ambient Temperature	-10°C ~ 70°C
9	Maintain Temperature	-20°C ~ 80°C
10	Ambient Humidity	≤85% RH
11	Mounting	19" Standard

Configuration:

1. Temperature Controller
2. Power Supply
3. Temperature Sensor
4. Fan Unit

Dimension

465
482
433
102.7

1U Hot Fix Fan Unit

1U Hot Fix Fan Unit, consisting of 4 fans, is the ideal solution for any 19" racking system or equipment which requires supplementary cooling system where heating factor is crucial in maintaining the reliability of the equipments.

These innovative fan units are designed to fit in the standard 19" rack and can be deployed directly on the topside of any desired equipments for enhanced cooling.

Ordering Information and Physical Characteristics:

Model No.	Remarks
HF-1U	1U Rack Mount (RAL7035)
HF-1U-BL	1U Rack Mount (RAL9004)

Standard Scope of Supply

- Main Casing, Cover and Mounting Bracket
- 4x 4 inch AC Fan (Low Noise)
- 1 x AC Power Cord with BS1363 UK Plug
- *Finish with Epoxy Powder Coating:
  RAL7035 Light Grey or RAL9004 Black

1U Hot Fix Thermostat Fan Unit

The 1U Hot Fix Thermostat Fan Unit, consisting of 4 fans, a user pre-set digital thermostat and an on/off switch well located on the front panel, boasts an integrated system that offers total enhanced thermal control in a sleek design.

Being rack mounted at a minimal 1U rack space, the thermostat fan unit is exceptionally effective for both power and thermal management with the enhanced monitoring features.

Ordering Information and Physical Characteristics:

Model No.	Remarks
HFT-1U	1U Rack Mount (RAL7035)
HFT-1U-BL	1U Rack Mount (RAL9004)

Standard Scope of Supply

- Temperature Controller
  (Main Casing, Cover and Mounting Bracket)
- Temperature Sensor with Wire (1.2M length)
- 4 x 4" inch AC Fan (Low Noise)
- 1 x AC Power Cord with BS1363 UK Plug
- *Finish with Epoxy Powder Coating:
  RAL7035 Light Grey or RAL9004 Black