



# Temperature Controller Record CTR-21

## Temperature Controller for Trafo CTR-21



**Application:**

Electronic monitoring and reading of the oil temperature and up to three winding temperatures with a unique instrument.

**Case:**

Box with protection IP 40 (ABNT/ANSI)

**Oil temperature sensor:**

Pt-100 with input of 3 wires

**Winding temperature sensor:**

With three inputs up to 5A

**Display:**

Type LED (LCD), 3 digits of 10mm of height

**Reading scale:**

0...200°C for temperature

**Accuracy:**

Oil temperature  $\pm 1^\circ\text{C}$

Winding temperature  $\pm 2^\circ\text{C}$

**Power Supply:**

90...220VAC

**Output for Remote Communication**

Serial connector standard RS485

**Ambient Data:**

Operating temperature  $-10 \dots +70^\circ\text{C}$

Relative Humidity of 5...95%

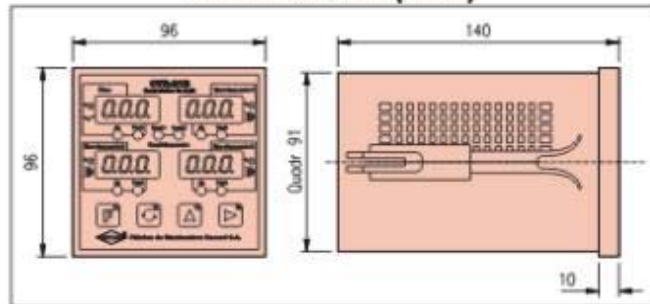
Vibration 100...120Hz

Acceleration until 5g

Capacity of the contacts:

8A / 250V AC

## Dimensions (mm)



## Models

MODEL	APPLICATION	FIGURE
CTR-21-1E	1x Oil Temperature Indication 1x Winding Temperature Indication	
CTR-21-3E	1x Oil Temperature Indication 3x Winding Temperature Indication	



## Temperature Sensor Record Model: STR-21

**Sensor**

Pt100 for oil temperature measurement

**Thread**

3/4" BSP

**Stem**

$\varnothing 1/4" \times 165\text{mm}$



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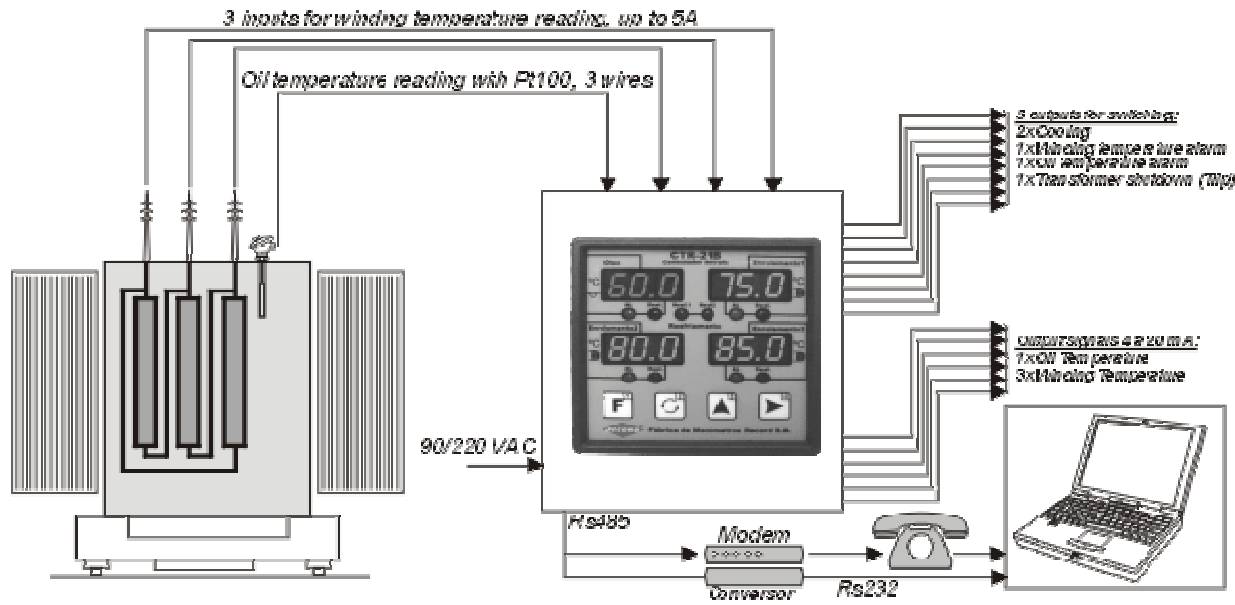
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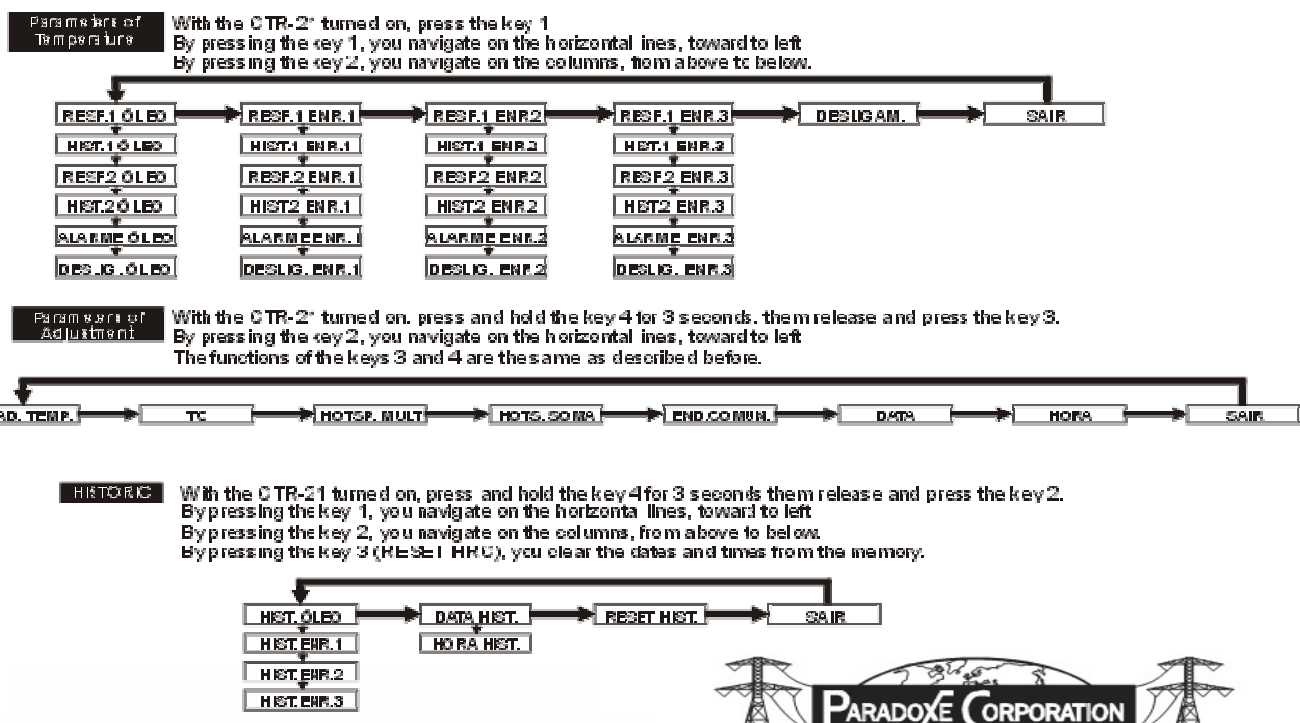
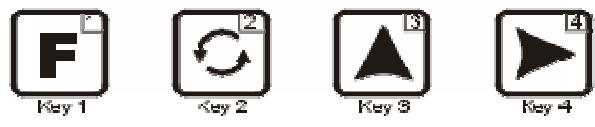
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## Working Diagram



## Configuration

It's very easy to handle the CTR-21, according the indications below:



Please contact customer Service at (731) 664 4345



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