UST100AC
Analog Signal Converter USERS' GUIDE

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Supply Voltage:

0 = 100-240Vac/dc (Universal)

1 = 24Vac/dc

I1 Input Module:

1 = 0-1 A ac

5 = 0-5 A ac

Analog Output:

1 = 0/4-20mA Current Output

2 = 0/2-10V Voltage Output

DESCRIPTION of the DEVICE

UST100AC Model devices are used to convert analog signals that are created in any environment to standart analog signals isolated from input.
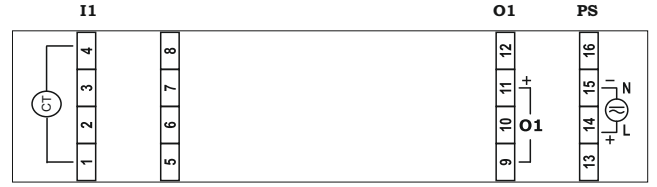
These devices are microcontroller based and can be configured easily by using SBA100 USB/UART Converter. All inputs and outputs are isolated.

SAFETY PRECAUTIONS

- Before using the device, please read the warnings below and this guide carefully. The accidents or damages resulting from not following the warnings included in this guide are under user's responsibility.
- This device is intended to be used by qualified personnel in industrial environments, do not use in houselike environments.
- Do not use the device at places where corrosive, flammable and explosive gases exist. Contact points may create electrical discharge and this may cause explosion or fire.
- Do not allow metal fragments or lead wire scraps or liquid matters to fall inside this device. Otherwise fire or electrical shock may happen.
- Take the neccessary precautions in order to prevent accidents and damages that may result in case the device gets faulty.
- There is no fuse or switch that brings the device in power down state, these should be added to the system by the user.
- Sensor and signalling cables should not be routed close to the power cables or inductive load cables.
- Before connecting the device, supply voltage must be checked if it is suitable according to the product code.
- Do not power up the device before the connections related with the device are performed in accordance with the connection diagram. While the device is powered, do not touch on the terminals.
- Configuration settings at factory out should be changed according to the user's preferences. The accidents and damages resulting from incorrect configuration settings are under users' responsibility.
- Lifetime of the device is 10 years.
- Never disassemble, repair and modify the device. These should be carried out by

Power Supply (PS)	100-240Vac/dc : +%10 -%15	24Vac/dc : +%10 -%20
Power Consumption	2W,3VA	
Analog Input (I1)	Current : 0-1 A (AC) Current : 0-5 A (AC)	
Analog Output (O1)	Current : 0/4-20mA (RL ≤	Voltage : 0/2-10V (RL ≥ 1MΩ)
Hafıza	100 year, 100.000 renewals	
Accuracy	+/- %0.2	
Sampling Periode	400ms	
Environment Temperature	Operation : -10...+55C	Storage : -20...+65C
Protection	IP20	
Dimensions	Width : 25mm	Height : 91mm	Depth : 113mm
Weight	134gr	

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