

AC Signal Converter



UST100AC

UST100AC Model devices are devices used to convert current information in industrial environments to standard analog signals. These devices have one 0-1A or 0-5A input, one RS485 communication module and one analog output.

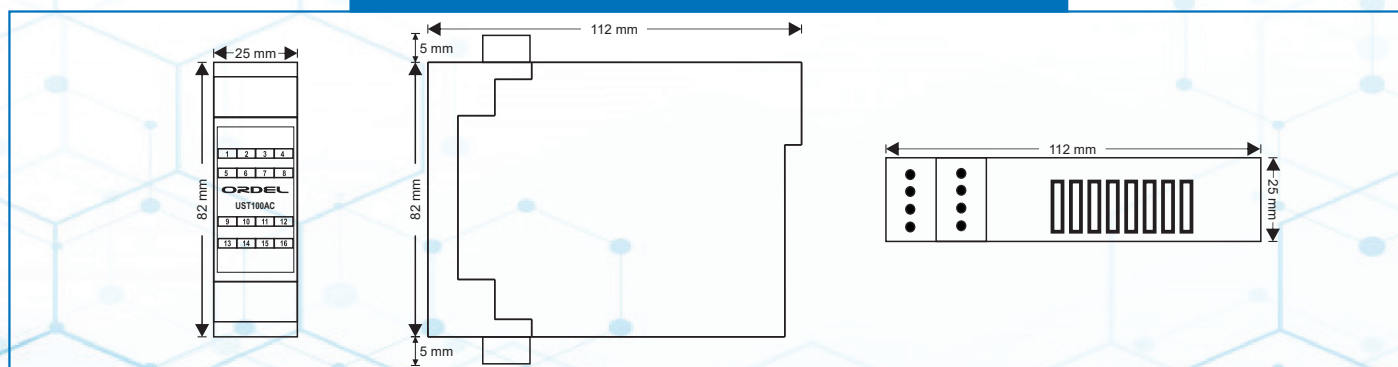
It also provides the opportunity to keep track and record of sensor information in computer environment due to connection of RS485 communication protocol.

During the design phase, compliance with international standards, reliability and ease of use are based on. For this reason, they are ergonomic devices that can be used for many different controls in many sectors.

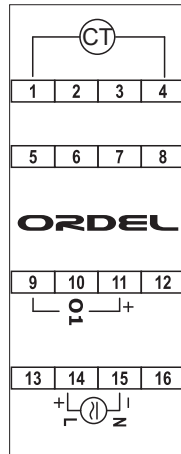
All inputs and outputs are isolated from the network and each other.

Technical Specifications	
Power Supply (PS)	100-240 Vac/dc +10% -15% 24 Vac/dc +10% -20%
Power Consumption	2W, 3VA
Analog Inputs (I1)	0-1 A ac 0-5 A ac
Analog Input Impedance	Current = 10Ω
Analog Output (O1)	Current = 0/4-20mA (RL≥500Ω) Voltage = 0/2-10V (RL≥1MΩ)
Memory	100 Years, 100.000 Renewals
Accuaracy	+/- 0,2%
Sampling Time	400 ms
Environment Temperature	Working = -10...+55°C Storage = -20...+65°C
Dimensions	Width = 25 mm Height = 91 mm Depth = 113 mm
Weight	134 gr

Device Dimensions



Modular Structure and Connection Diagram



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Product Code

UST100AC - /

Supply Voltage : _____

- 0 = 100-240Vac (Universal)
- 1 = 24 Vac/dc

Input Type Options (I1) : _____

- 1 = 0....1 A AC
- 2 = 0....5 A AC

Analog Output Module (O1) : _____

- 1 = 0/4-20mA Current Output
- 2 = 0/2-10V Voltage Output

PS

O1