A.S.P. Electronic

Features

• Digital indoor and outdoor temperature indicator in a single device.

• High brightness characters

• Include Internal and external temperature sensor.

• You can receive/transmit data via communication bus (optional): Modbus RTU RS485

• Degree of protection IP41 for commercial environments.

• Time programming on and off, with automatic summer-winter time change.

• Configurable sampling times.

• Configurable relay alarms

Applications

• Supermarkets and department stores
• Industrial halls
• Aviation angles
• Sports facilities
• Auditoriums and exhibition halls
• Stations and airports
• Data processing centers

Description

The DTT is a digital indicator of segments displays that shows the indoor and outdoor temperature of a building, captured through analog inputs or through sensors of or transmitted through communication buses.
It has segments displays of high brightness, that allows to visualize luminous characters and with a wide angle of vision.
You can also set the time of on and off the display automatically and sample intervals.The front logo is customizable according to customer's request.
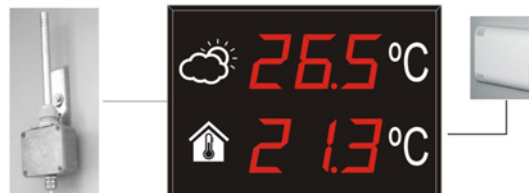
Models

There are different models of the DTT indicator that fit each of the installation needs:
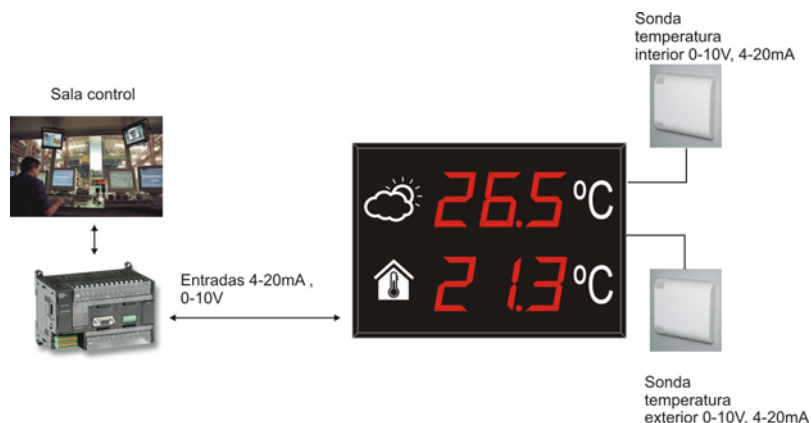
DTT-I has two external sensors to facilitate readings of indoor and outdoor temperature (indoor probe included with 5m cable). Includes power cable.
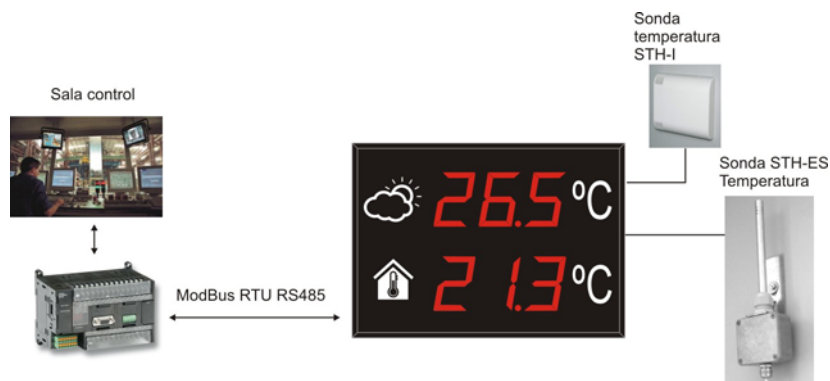

Sonda STH-ES Temperatura

Sonda STH-I Temperatura

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DTT-C has two external sensors to facilitate indoor and outdoor temperature readings (indoor probe included with 5m cable) and can transmit temperature information via a Modbus RTU RS485 communications bus or receive data to write on the screen . Includes power cable.

DTT-EA allows to connect two external analog inputs for indoor and outdoor temperature. Includes power cable.
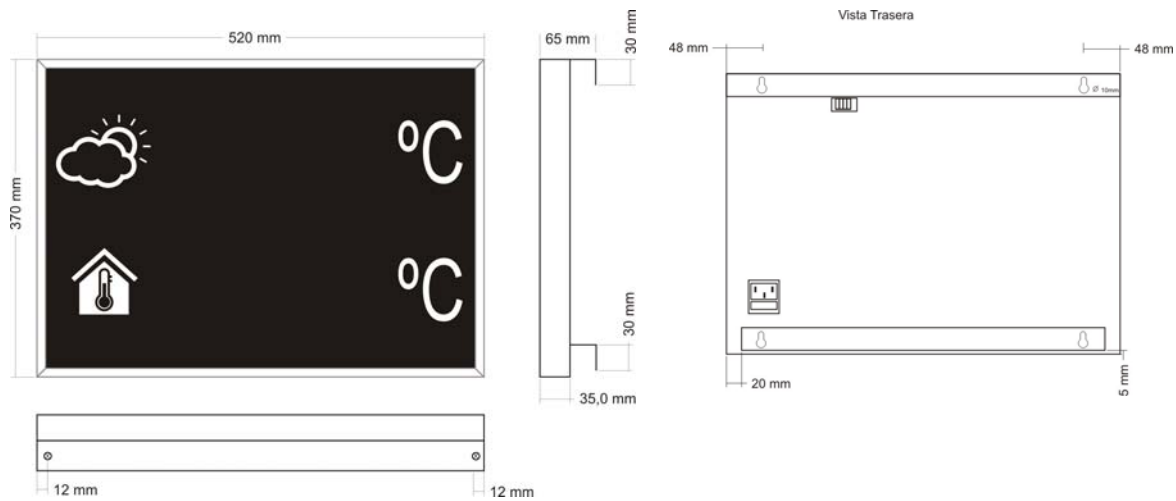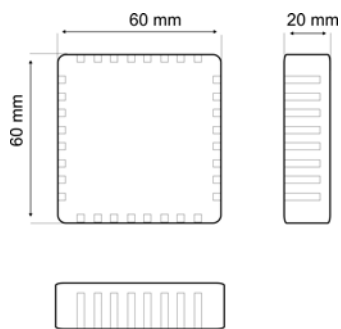

Technical specifications		
Parámeters		
Power supply		240 -110Vac , 50/60 Hz with 1A fuse
Temperature measure		**DTT-I / -C /-EA**
	Range	-20ºC a 50º
	Precision	+/- 0.5ºC
	Resolution	0.1ºC
	Nº inputs	2
	Inputs types	Temperature sensor NTC (I), Configurable analog input 0-10V,2-10V,0-5V,4-20mA (EA)
Segments display		
	Vision angle	180 º
	Luminous	> 35 mcd per segment
	Carácter dimensions	101 x 60 mm
Comunicattion bus	**DTT-C**	ModBus RTU RS485 (Half Duplex)
	Slave	Configurable 0 to 63
	Speed	Configurable 300 ,600,1200,2400,4800,9600 and 19200 bauds
	Parity	Configurable N,P,I
	Funcions	From 1 to 17
Outputs		**Option R**
	Output type	NO Relay, Contact 2A 250V
	Nº Outputs	2 outputs, one for each NTC input
	Alarms thresholds	Configurables in menu
Housing material		Black painted Iron sheet
Working temperature		-10ºC - 50ºC
Working humidity		10% to 80% HR without condensation
Storage temperature		- 20ºC, +45 ºC
Storage humidity		5% to 95% HR without condensation
Protection degree		IP41
Soporte		Tethering wall via screws
Programmable on-off time		Via pushbutton
Sample time		Via pushbutton

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Dimensions

Dimensions STH-I

Weight

5.0 Kg