DUAL THERMOSTAT

The KSDT Dual Thermostat houses two separate thermostats, allowing the independent control of heating and cooling or other equipment. Both thermostats offer wide adjustment ranges and are color coded for easy function recognition. Patent pending.

STANDARD FEATURES

Two thermostats in one unit
- one Normally Closed (NC) & one Normally Open (NO)
- or two Normally Open (NO)

Each with wide adjustable temperature range
Available with ºF or ºC scale
DIN rail mountable

Model No.	NC (Red)	NO (Blue)	Model No.	NO (Blue)	NO (Blue)
KSDT72	0 - 60ºC	0 - 60ºC	KSDT76	0 - 60ºC	0 - 60ºC
KSDT75	-10 - 50°C	20 - 80°C	KSDT76F	32 - 140ºF	32 - 140°F
KSDT72F	32 - 140ºF	32 - 140ºF			
KSDT75F	14 - 122ºF	68 - 176ºF			

TECHNICAL DATA

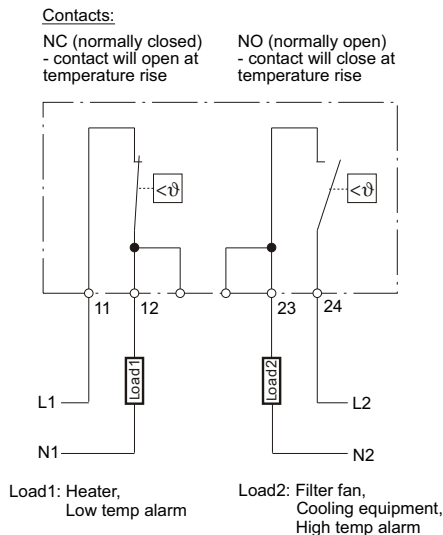|	
Sensor element:	Thermostatic bi-metal
Maximum tolerance:	± 7.2°F (4K)
Switching difference (hysteresis):	12.6°F ± 5.4°F (7°C ± 3K)
Switching capacity (max. Load):	NC: 10A resistive/2A inductive @ 250 VAC
	NO: 5A resistive/2A inductive @ 250 VAC
	DC 30 W
EMI/EMC compliance:	EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
Connections:	4-pole terminal for AWG 14 max. (2.5 mm²)
Mounting:	Clip for 35mm DIN rail (EN 50022)
Housing:	Plastic, UL94V-0
Weight:	3.2 oz (90 g)
Protection type:	IP 20
Operating/storage temperature:	-49 to 158°F (-45 to 70°C)

Find additional information on this model at kooltronic.com, or use the Technical Documents QR code below.
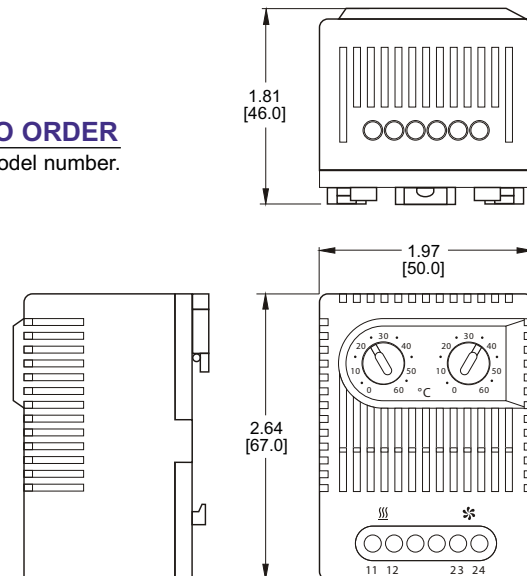
Technical Documents

DRAWINGS

Dimensions, inches [mm], are for reference only and are subject to change.

Contacts:

NC (normally closed)
- contact will open at temperature rise

NO (normally open)
- contact will close at temperature rise

11   12   23   24

Load1

Load2

L1

N1

L2

N2

Load1: Heater,
　　　　Low temp alarm

Load2: Filter fan,
　　　　Cooling equipment,
　　　　High temp alarm

HOW TO ORDER
Specify model number.

1.81 [46.0]

1.97 [50.0]

2.64 [67.0]

11 12   23 24

Specifications are subject to change without notice. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.

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