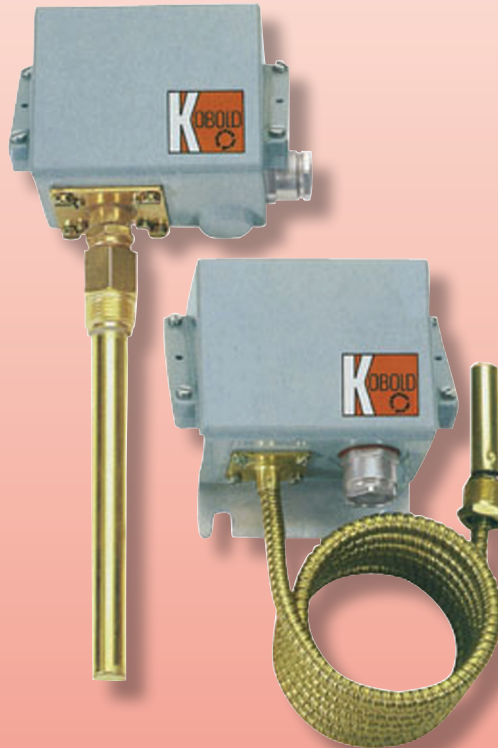


Temperature Switch



measuring
•
monitoring
•
analyzing

DTS



- Industrial and Marine Applications
- NEMA 6 / IP 67 Enclosure
- Rugged and Reliable
- High Resistance to Shock and Vibration
- With or Without Capillary Tube



KOBOLD companies worldwide:

ARGENTINA, AUSTRIA, BELGIUM, BULGARIA, CANADA, CHILE, CHINA, COLOMBIA, CZECH REPUBLIC, EGYPT, FRANCE, GERMANY, GREAT BRITAIN, HUNGARY, INDIA, INDONESIA, ITALY, MALAYSIA, MEXICO, NETHERLANDS, PERU, POLAND, ROMANIA, SINGAPORE, SOUTH KOREA, SPAIN, SWITZERLAND, TAIWAN, THAILAND, TUNISIA, TURKEY, USA, VIETNAM

KOBOLD Instruments, Inc.
1801 Parkway View Drive
Pittsburgh, PA 15205
☎ Main Office:
1.800.998.1020
1.412.788.4890
✉ info@koboldusa.com
www.koboldusa.com



Description

The KOBOLD DTS temperature switches are built to conform to industrial needs and are ideal for monitoring applications requiring an extremely rugged design. Environmental protection is assured by the high grade NEMA 6/IP67 enclosure. Careful internal design provides excellent resistance to shock and vibration. All conventional requirements for outdoor and indoor use are covered by the DTS. Typical installations include manufacturing plants, diesel units, compressors, power stations, and ships.



Specifications

Contact Rating (SPDT)

- AC Inductive AC-3: 6A, 440V
- AC Inductive AC-15: 4A, 440V
- Resistive AC-1: 10A, 440V
- DC-13: 12W, 220V

Max. Media Temperature: -10 °C to Max. Chart Value (See Below)

Ambient Temperature: -40...70 °C (-40...158 °F)

Process Fitting: 1/2" Male NPT

Thermowell: Brass

Enclosure: Die-Cast Aluminum, Painted

Protection: NEMA 6 / IP67

Cable Fitting: IEC Pg 13.5 (Cable Diameters: 5...14 mm)

Capillary Tube

- Standard: Copper, 6.6 ft Length
- Optional: Copper with Brass Armor, 6.6 ft Length

Order Details (Example: DTS-3113K)

Model	Range °C	Hysteresis °C (Adjustable)	Maximum Temperature °C	Capillary Tube Length (ft)	Thermowell Length (in)
DTS-3113	-10...30	3 to 10	80	6.6	2.95
DTS-3118	20...60	3 to 14	130	---	2.95
DTS-3102	20...60	3 to 14	130	6.6	2.95
DTS-3121	50...100	4 to 16	200	---	2.95
DTS-3105	50...100	4 to 16	200	6.6	2.95
DTS-3126	70...120	4.5 to 18	220	---	2.95
DTS-3129	70...120	4.5 to 18	220	6.6	2.95
DTS-3107	60...150	5 to 25	250	6.6	2.95
DTS-3109	100...200	6.5 to 30	300	6.6	2.95
Options					
Suffix ..K = Brass Capillary Tube Armor					