

Temperature Controllers



DBAT

DESCRIPTION

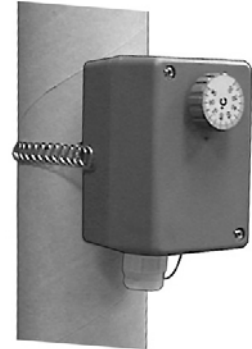
Strap-on thermostats.

APPLICATION

Control and monitor pipe or surface temperature of heating, ventilation, air conditioning and refrigeration systems.

FEATURES

- Easy to install
- Auto & manual reset
- Adj. switching differential
- Scaled setpoint knob



certified ISO 9001

SPECIFICATIONS

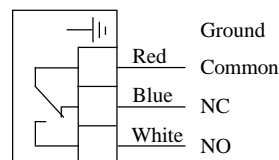
Type of operation	On/Off, single-stage, micro switch
Output	1 SPDT, 24 to 250 VAC, 15 (8) A
Setpoint adjustment	External dial knob
Sensing element	Liquid-filled copper contact pad
Wire	Terminal with wire retaining screws
- Connection	Maximum 14 AWG (2.5 mm ²)
- Size	M20 fitting, replaceable by 1/2" conduit connection
Cable entry	M20 fitting, replaceable by 1/2" conduit connection
Housing	Byblend base, ABS cover, fire retardant
- Material	Gray/dark gray
- Color	NEMA 4 (IP 65)
- Protection	4.3 x 2.8 x 2.8 in. (108 x 70 x 72 mm)
- Dimensions	
Installation	Pipe strap-on
Ship weight	1.1 lb (0.5 kg)

Adj. Setpoint Range °F (°C)	Adj. Switch. Diff. °F (°K)	Maximum Ambient Temperature		Part** Number
		Pad °F (°C)	Housing & Storage °F (°C)	
-22 to 86 (-30 to 30)	3.6 to 36 (2 to 20)	140 (60)	-4 to 149 (-20 to 65)	DBAT-1-US
32 to 140 (0 to 60)	Max.* manual reset	167 (75)	-4 to 149 (-20 to 65)	DBAT-4-US
68 to 194 (20 to 90)	3.6 to 36 (2 to 20)	230 (110)	-4 to 149 (-20 to 65)	DBAT-5-US

* Max. manual reset = Manual reset to the range when temperature rises.
 ** Add-on number "US" (i.e., DBAT-1-US) provides °F scale.
 Standard part number (i.e., DBAT-1) provides °C scale.

WIRING DIAGRAM

DBAT



Rising temperature and attained setpoint, contact connection: Red to White