

DBAT

Strap-on thermostats



Summary

Thermostats for monitoring, control or limitation of temperature of liquid media in HVAC installations – pipes, boilers, and floor heating systems.

Applications

- HVAC systems – temperature controls, safety circuits etc.

Functions

Temperature changes over the limit influence a change-over contact which is available at the terminals. Setpoint knob to set the switching temperature can be set manually.

Technical data

Switching capacity	16 (4)A, 24...250 V AC
Contact	dust protected contact block, single potential-free changeover contact
Cover	ABS, reinforced with glass fiber
Ambient temperature	-35...65°C
Attachment	220 mm steel spring (included)
Protection	IP65
Temperature range	see table
Hysteresis	2...20 K (adjustable)

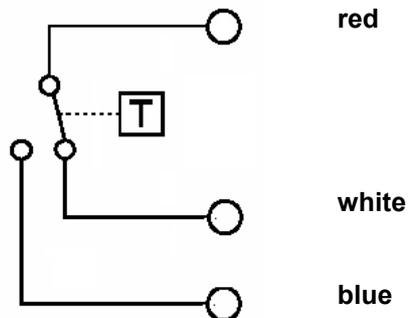
Types

The thermostats are delivered in following temperature ranges:

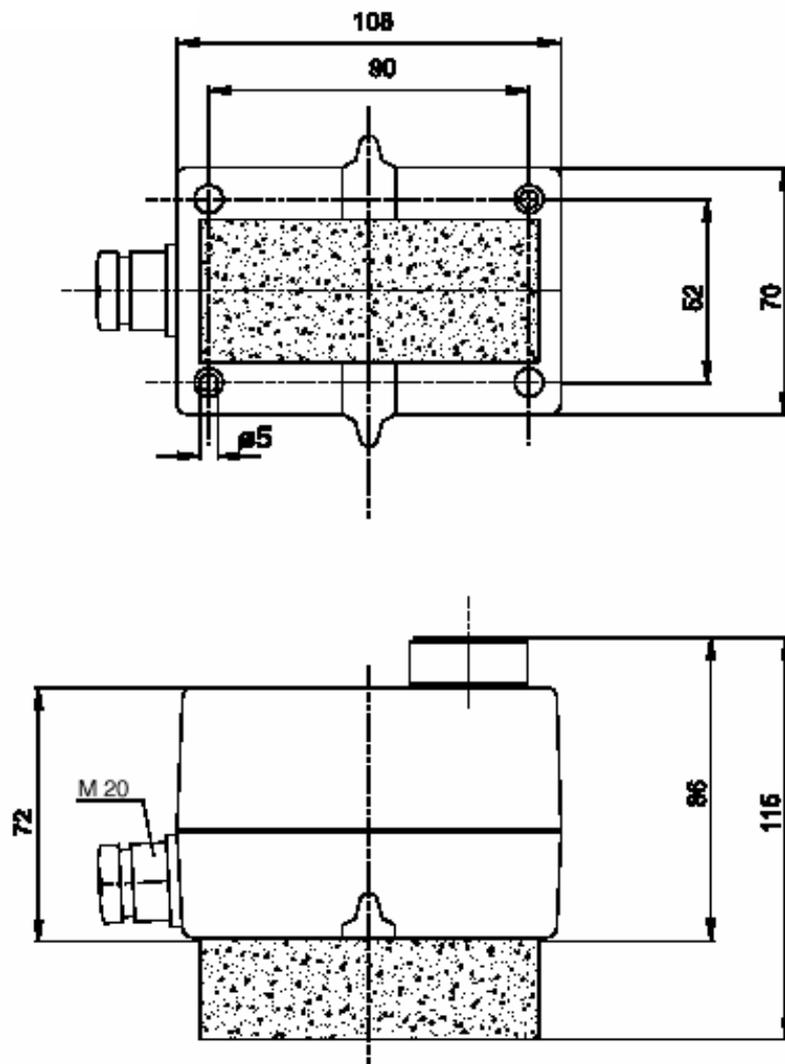
Type	Range (°C)	Max. temperature (°C)
DBAT-1	-30...30	60 °C
DBAT-3	0...60	75 °C
DBAT-5	20...90	110 °C

Terminals

Temperature **below** setpoint:



Dimensions



07/2005 Subject to technical changes.