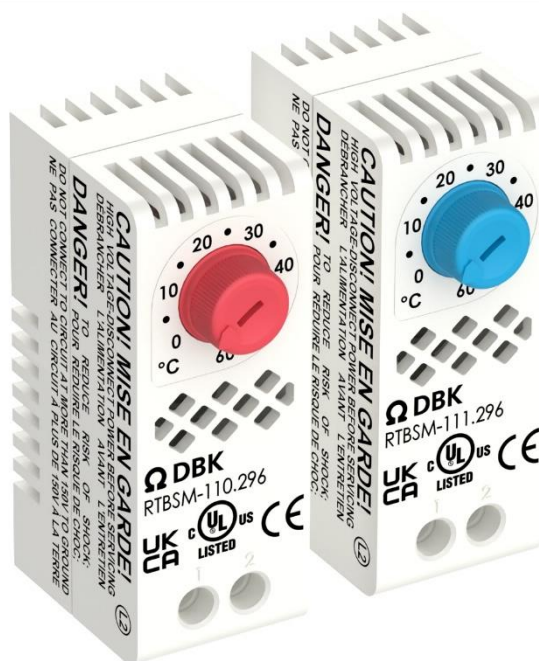


RTBSM Thermostats



Features

- Screwless Terminal
- Built in DIN-Clip
- Dented 5°C increments
- Broad temperature range
- Versions differentiated by knob colour
- Compact and lightweight

Options (contact us)

- Alternative Setting Range -10...50°C

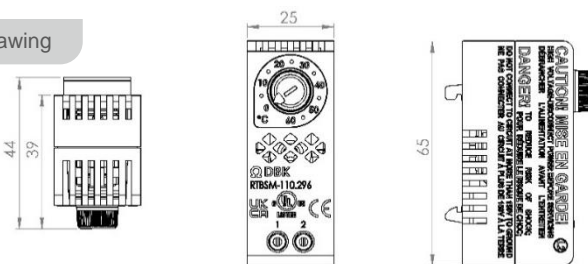
DBK's knowledge of thermal management gives us the experience to guide and support you with your technical challenges - we can manage the complete project from concept to full production release.

Single Bimetal Thermostat	RTBSM	
Setting Range	-20...40°C	0...60°C
Voltage [V]	100-240 AC	
Switching Differential [°C]	7K (±5K tolerance)	
Contact Type (Snap Action)	1 NO or 1 NC	
Max. Switching Capacity	NC: 16A 240VAC/ 15A 120VAC/ 30W 72VDC NO: 12A 120-240V LRA/ 2A 120-240V FLA/ 30W 24-72VDC	
Sensing Element	Bimetal	
Connection	Screw/Screwless AWG 18-14 (AWG 20 max. 13A)	
Dimensions (LxWxH) [mm]	44x25x65	
Mounting	Built-In clip for DIN rail EN 60715	
Storage Temperature Range [°C]	-45 to 80°C	
Wire Type	Copper, Solid or Stranded	
Strip Insulation Length	8-12mm	
Housing	Plastic grey (RAL 7035)	
Weight [g]	50	

Ordering Guide		-20...40°C	0...60°C
Heating Control [Normally Closed]	Screw Connector	1150071	1150061
	Screwless Connector	11500072	1150062
Cooling Control [Normally Open]	Screw Connector	1150069	1150063
	Screwless Connector	1150070	1150064

Design Drawing

Position 1: Heating/Cooling
Position 2: Neutral



NOTE: Approvals applicable to setting range 0...60°C only.



DBK Group
Industrial Thermal Management

Further information:
www.itm.dbk-group.com