

EDBTZ Thermostats for air ducts



Description :

The EDBTZ electro-mechanical thermostats are constructed around a fluid-filled capillary bulb with 200 mm spring protection and sensor housing that transfers the changes in temperature to a micro-switch. The microswitch is capable of breaking up to 15 A at 230 V AC. It comes in a 1-step or 2-step model.

Characteristics :

Sensor element: Liquid-filled coiled copper bulb with 200 mm protection spring.
Contacts: Dust-tight microswitches with SPDT contacts (heat/cool).
Breaking capacity: 15 (8) A, 24...250 V AC.
Ambient temperature: -35...+65 °C.
Ambient humidity: 10...90 % RH (non-condensing).
Insertion length: 200 / Ø 21 mm.
Storage temperature: -40...+70 °C.
Storage humidity: < 95 % RH.
Weight: 690 g.
Protection class: IP65.
Isolation class: I.
Casing: Base in Bayblend, cover in ABS.

Operating data and price list

model	scale °C	stage	differential °C	bulb max temperature °C	spring lenght	protection	euro
EDBTZ 7	from 0 to +60	1	2...20	75	200mm / spring ø21 mm	IP 65	✓
EDBTZ 7/2	from 0 to +60	2	1	75	200mm / spring ø21 mm	IP 65	✓