

Electric Motor Anti-Condensation Heater

Patent number: ZL01248475.X UL File Number:E326107 CE File Number:TCCE01087



BQ type

1. GENERAL DESCRIPTION

Moisture is easy to enter electrical motor after it is stopped running in moist environment, which will decrease the value of insulation of the electrical motor. The electric motor anti-condensation heater is specially designed for moisture proofing. With the help of the electric motor anti-condensation heater, the temperature in the motor windings will be 5°C higher than the ambient temperature when it is running. Hence there is no water condensed on the coil windings in the electric motor and the motor will be running well in moist environment.

2. CHARACTERISTICS

The electric motor anti-condensation heater is connected to the AC contactor of the electrical motor at NC contact. When the electrical motors stop working, the electric motor anti-condensation heater starts to work, making the temperature of the motor winding 5°C higher than the ambient temperature. When the electrical motor starts to work, the anti-condensation heater is switched off. The type of the anti-condensation heater should be selected according to the type of the motor bed-plate.

We have a full line of anti-condensation heater for low voltage electric motor with a complete range of specifications. The electric motor anti-condensation heater can be made according to the special needs of users. With credible quality, advanced technology and stable structure, they are easy to be used, being as good as imported products.

3 TECHNICAL PARAMETER

3.1 Withstand voltages >2.5KV AC

3.2 The heat proof temperature of insulation material= 250°C

3.3 The structure picture of heater

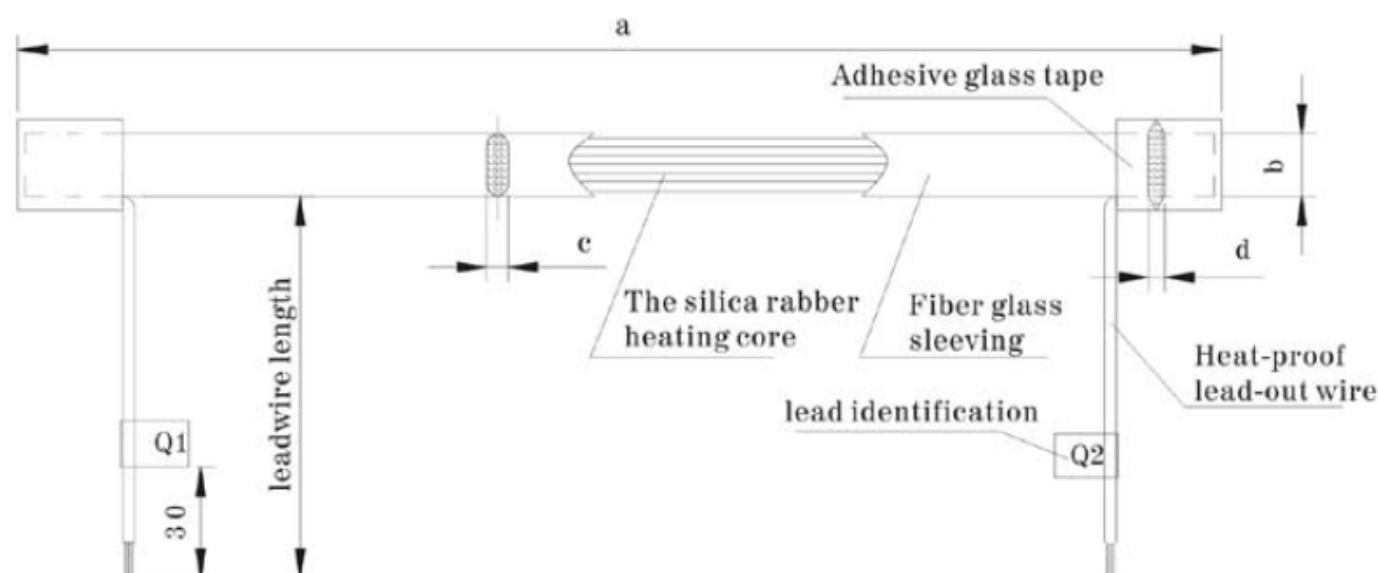


Chart 1 Electric Motor Anti-Condensation Heater

3.4 SPECIFICATION

3.4.1 The specifications and standards of BQ model electric motor anti-condensation heater(For the foreign capital electric motor affiliates use) as follows

Type	Dimensions Length*Width*Thickness	Lead wire Length (mm)	Power (W)	Rated voltage(V)		Frame size of Recommended electric motor
				A	B	
BQ301A(B)	240×13×2.5×4.5	200	10	230	115	H71
BQ302A(B)	300×14×2.5×4.5	380	20	230	115	H80~H90
BQ303A(B)	400×14×2.5×4.5	480	30	230	115	H100~H112
BQ304A(B)	550×14×2.5×4.5	780	40	230	115	H132~H160
BQ305A(B)	680×14×2.5×4.5	900	50	230	115	H180~H200
BQ306A(B)	900×14×2.5×4.5	950	60	230	115	H225~H280
BQ308A(B)	1050×14×2.5×4.5	1050	80	230	115	H315
BQ311A(B)	1350×14×2.5×4.5	1150	110	230	115	H355