

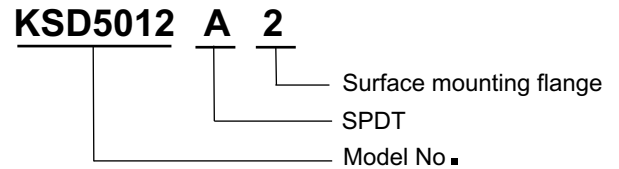
LINGTONG

1"Disc Bi-Metal thermostat

KSD-5012

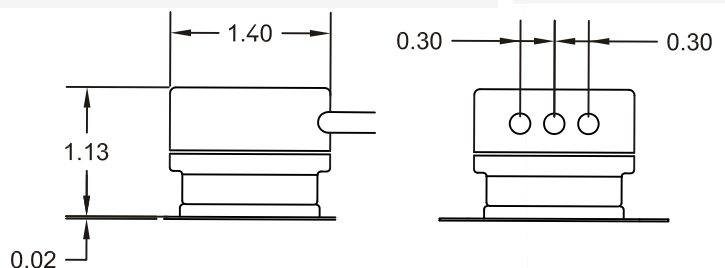
The KSD5012 defrosting thermostats Automatic Reset SPST
 In this configuration, the switch can be built to either open or close its electrical contacts on temperature rise. Once the temperature in the application has returned to the specified reset temperature, the contacts will automatically return to their original state. Typical uses of this construction include limiting and regulating temperatures in air conditioners, heat pumps and fan coil units

Automatic Reset SPDT This design is the same as the SPST described above with the addition of an auxiliary contact which makes circuit upon opening of the main contacts and breaks circuit when the main contacts reset. Refer to the "General Electrical Ratings" chart for rating limitations on the auxiliary contacts. Typical uses of this construction include fan speed changeover at a specified temperature and lighting of an indicator lamp when an abnormal temperature condition has been reached.



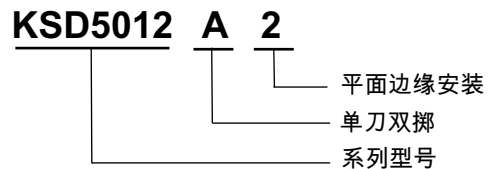
ORDER FORMAT

▶ TERMINAL	▶ FUNCTION	▶ DIMENSION	▶ OPTIONS																								
<p>Leads are #16 Gauge, Wire, 105°C PVC</p> <p>250#</p> <p>0#</p>	<p>Switch rating up to 25A, 250V ac</p> <p>STSP: NO</p> <p>STSP: NC</p> <p>STDP</p>	<p>Wiring: Black = Fan motor in series Red = Common Brown = Defrost termination</p>	<table border="1"> <thead> <tr> <th>TYPE</th> <th>OPEN °F</th> <th>CLOSE °F</th> </tr> </thead> <tbody> <tr> <td>L37</td> <td>37</td> <td>47</td> </tr> <tr> <td>L45</td> <td>45</td> <td>25</td> </tr> <tr> <td>L50</td> <td>50</td> <td>30</td> </tr> <tr> <td>L55</td> <td>55</td> <td>35</td> </tr> <tr> <td>L60</td> <td>60</td> <td>40</td> </tr> <tr> <td>L70</td> <td>70</td> <td>50</td> </tr> <tr> <td>L80</td> <td>80</td> <td>30</td> </tr> </tbody> </table>	TYPE	OPEN °F	CLOSE °F	L37	37	47	L45	45	25	L50	50	30	L55	55	35	L60	60	40	L70	70	50	L80	80	30
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大功率密封型温控器是单刀单掷的结构，开关能够在温度上升时断开和接通，它能在到达温度后接通和断开，然后温度回复到最初设定的温度后控制电路再次断开和接通，恢复到原来电路状态。这种常应用于空调压缩机控制、大型冷风机控制、冷冻柜化霜控制和保护。

当主触点温度设定后，SPDT和SPST的工作方式一样，一组触点连接时，另一组触点断开，下图电路有描述。在控制冷风机风扇时，典型用于在指定温度改变风机转速和当达到不正常温度时照明指示灯亮的结构

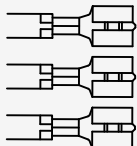


规格名命

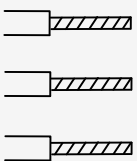
▶ 连线方式

Leads are #16 Gauge, Wire, 105°C PVC

250#



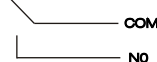
0#



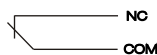
▶ 开关性能

开关负载能力 25A, 250V ac

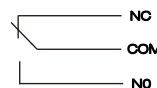
SPST: 温度升高, 主触点断开



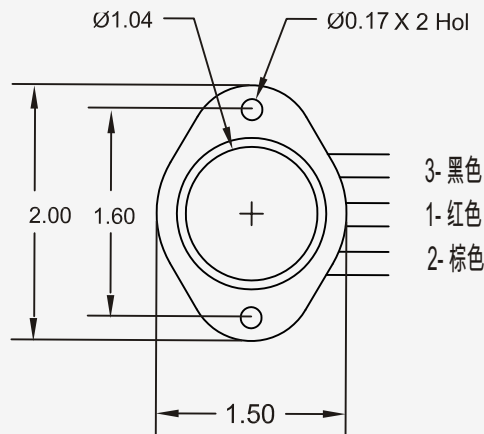
SPST: 温度升高, 主触点接通



STDP



▶ 装配外形



Wiring: Black = Fan motor in series
Red = Common
Brown = Defrost termination

▶ 工作温度

型号	断开温度 °F	接通温度 °F
L37	37	47
L45	45	25
L50	50	30
L55	55	35
L60	60	40
L70	70	50
L80	80	30

