



|               |        |                                           |
|---------------|--------|-------------------------------------------|
| CUSTOMER NAME | 客户名称:  |                                           |
| CUSTOMER NO.  | 客户编号:  |                                           |
| SERIES        | 系 列:   | 大电流滑动开关卧式                                 |
| MODEL NO.     | 型 号:   | XB-T26 series                             |
| DRAWING NO.   | 图 形 号: | High current Slide Switch horizontal type |

依据和存档之用，多谢合作！

**EXAMINE & APPROVAL 审批**

|                                       |                        |
|---------------------------------------|------------------------|
| <b>APPROVE</b> 接受                     | <b>NOT APPROVE</b> 不接受 |
| SIGNATURE 签署      STAMP盖章      DATE日期 |                        |

|                                                       |                                                       |                                                      |                                                      |
|-------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| PREPARED BY.制表人                                       | CHECKED BY.校对                                         | APPROVED BY.审核                                       | APPROVAL BY. 批准                                      |
| <div>研发部</div> <div>戴海明</div> <div>2022. 06. 08</div> | <div>品质部</div> <div>黄自清</div> <div>2022. 06. 08</div> | <div>工程部</div> <div>庞军</div> <div>2022. 06. 08</div> | <div>总经办</div> <div>吴量</div> <div>2022. 06. 08</div> |

东莞市溪榜电子有限公司

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Quality core! Afterburner for Made in China!

|                                                                                                                                                                    |                                         |                                                                                                                                                                                                                                     |                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>东莞市溪榜电子有限公司</div> <div>DONG GUAN XI BANG ELECTRONICS CO.,LTD</div> |                                         | 文件编号                                                                                                                                                                                                                                | XB-T26-20240126                                                                                                                                    |
|                                                                                                                                                                    |                                         | 发布日期                                                                                                                                                                                                                                | 2024年 1月 26 日                                                                                                                                      |
| SPECIFICATION 规格书                                                                                                                                                  |                                         | 第 A 版                                                                                                                                                                                                                               | 第 1 页 共 3 页                                                                                                                                        |
| MODEL NO. XB-T26 series                                                                                                                                            |                                         |                                                                                                                                                                                                                                     |                                                                                                                                                    |
| 产品名称: Horizontal high current slide switch                                                                                                                         |                                         |                                                                                                                                                                                                                                     |                                                                                                                                                    |
| DRAWN 制订                                                                                                                                                           |                                         | 高鹏                                                                                                                                                                                                                                  | APPD. 审核 贺龙飞                                                                                                                                       |
| 1、RATING (额定值)                                                                                                                                                     |                                         | : 3A 250V 6A 125V AC                                                                                                                                                                                                                |                                                                                                                                                    |
| 2、FUNCTION (接触型式)                                                                                                                                                  |                                         | : 单 极 / 双 极                                                                                                                                                                                                                         |                                                                                                                                                    |
| 3、TIMING (时间特性)                                                                                                                                                    |                                         | : NON-SHORTING                                                                                                                                                                                                                      |                                                                                                                                                    |
| 4、ELECTRICAL CHARACTERISTICS (电气性能规格) :                                                                                                                            |                                         |                                                                                                                                                                                                                                     |                                                                                                                                                    |
| ITEM 项目                                                                                                                                                            |                                         | TEST CONDITIONS 测试条件                                                                                                                                                                                                                | PERFORMANCE 规格                                                                                                                                     |
| 4.1                                                                                                                                                                | CONTACT RESISTANCE<br>接触电阻              | MEASURED AT SMALL CURRENT(100mA OR LESS)<br>在微小电流(100mA)以下, 拨动三次后测试.                                                                                                                                                                | 100mΩ MAX.<br>100 毫欧以下.                                                                                                                            |
| 4.2                                                                                                                                                                | INSULATION RESISTANCE<br>绝缘电阻           | APPLY A VOLTAGE OF 500V DC FOR 1 MIN.<br>TO FOLLOWING PORTIONS AFTER WHICH<br>MEASUREMENT SHALL BE MADE.<br>(1) BETWEEN BODY AND TERMINAL.<br>(2) BETWEEN TERMINALS.<br>输入 500V DC 电压 1 分钟, 按以下接触方法测试:<br>(1) 外壳与排脚之间.<br>(2) 端子之间. | 100MΩ MIN.<br>100 兆欧以上.                                                                                                                            |
| 4.3                                                                                                                                                                | DIELECTRIC STRENGTH<br>耐电压              | AC500V(50-60Hz)FOR 1 MIN TRIP CURRENT:0.5mA<br>BETWEEN TERMINALS.<br>BETWEEN INDIVIDUAL TERMINALS AND FRAME.<br>输入 AC 500V(50-60Hz) 电压, 1 分钟感度电流为<br>0.5mA, 按以下接触方法测试:<br>(1)排脚相互之间<br>(2)排脚与外壳之间.                                  | WITHOUT DAMAGETOPARTS<br>ARCING OR BREAKDOWN<br>ETC<br>没有绝缘破坏等异常                                                                                   |
| 5、MECHANICAL CHARACTERISTICS (机械性能规格)                                                                                                                              |                                         |                                                                                                                                                                                                                                     |                                                                                                                                                    |
| ITEM 项目                                                                                                                                                            |                                         | TEST CONDITIONS 测试条件                                                                                                                                                                                                                | PERFORMANCE 规格                                                                                                                                     |
| 5.1                                                                                                                                                                | OPERATING FORCE<br>作动力                  | MEASUREMENT SHALL BE MADE ST THE NEAREST<br>POINTF<br>OF THE COMPONENT OR AT THE POINT 3mm FROM THE<br>TIP OF THE ACTUATOU KNOB<br>在距离胶柄 3mm 作测定点, 拨动三次后测试.                                                                         | 400gf±150gf                                                                                                                                        |
| 5.2                                                                                                                                                                | TERMINAL STRENGTH<br>端子强度               | A STATIC LOAD OF(300gf)SHALL BE APPLIED<br>TO THE TERMINAL FOR 15 SEC, IN ANY DIRECTON.<br>在排脚前端任意一个方向加(300gf)力度测试, 时<br>间为 15 秒.                                                                                                   | MECHANICAL AND<br>ELECTRICAL<br>CHARACTERISTICS SHALL<br>BE SATISFIED WITHOUT<br>LOOSENESS<br>OF ACTUATOU.<br>在端子中没有裂开, 松动<br>等异常, 满足于机械、电器<br>性能. |
| 5.3                                                                                                                                                                | DISPLACEMENT OF ACTUATOR (KNOB)<br>胶柄强度 | A STATIC LOAD OF 10N(1KgF)SHALL BE APPLIED<br>TO THE TOP OF THE ACTUATOR(KNOB)AND THEN<br>DESPLACEMENT SHALL BE MEASURED TO THE<br>DIRECTION OF THE ARROW.<br>在柄的前端施加 1KgF 的力度, 位移应沿印记的方向上定.                                        | THE LEVER SHALL HAVE<br>NO SERIOUS DEFORMATION<br>AND FUNCTION IS<br>NORMALLY.<br>柄部无严重变形, 可以正常工作                                                  |

|                                                                                                                                      |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                  |
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|  东莞市溪榜电子有限公司<br>DONG GUAN XI BANG ELECTRONICS CO.,LTD |                                            | 文件编号                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | XB-T26-20240126                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                      |                                            | 发布日期                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2024年 1月 2 6 日                                                                                                                                                                                                                                                                                                                   |
| SPECIFICATION 规格书                                                                                                                    |                                            | 第 A 版                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 第 2 页 共 3 页                                                                                                                                                                                                                                                                                                                      |
| 6、ENDURANCE CHARACTERISTICS (耐久性)：                                                                                                   |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                  |
| ITEM 项目                                                                                                                              |                                            | TEST CONDITIONS 测试条件                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PERFORMANCE 规格                                                                                                                                                                                                                                                                                                                   |
| 6.1                                                                                                                                  | LIFE TEST<br>寿命试验                          | ENDURANCE WITHOUT LOADING:<br>A SWITCH SHALL BE SUBJECTED TO 10,000 CYCLES AT A SPEED OF 15 TO 18 CYCLES PER MINUTE WITHORT LOADING.<br>无负荷:<br>在无负荷的条件下以每分钟 15—18 回的速度进行 10,000 次的测试.                                                                                                                                                                                                                                                                                                                                                         | (1) CONTACT RESISTANCE(接触电阻)<br>200mΩ MAX. 200 毫欧以下.<br>(2) INSULATION RESISTANCE(绝缘电阻)<br>50MΩ MIN. 50 兆欧以上..<br>(3) WITHSTAND VOLTAGE(耐电压)<br>AC 500V, 1 MINUTE. AC 500V 1 分钟<br>(4) OPERATING FORCE(作动力)<br>±30%INITIAL VALUE.<br>变化范围初始值±30%<br>(5) WITHOUT DAMAGE TO PARTS ARCING OR BREAKDOWN ETC.<br>(测试后外表无损伤, 并且满足机械性能) |
| 6.2                                                                                                                                  | SOLDERA-BILITY TEST<br>可焊性试验               | THE TOP OF THE TERMINALS SHALL BE DIPPED 2mm IN THE SOLDER BATH OF 240±5℃ FOR 3±0.5 SECONDS.<br>端子顶部被浸入锡焊池中 2mm 深, 温度为 240±5℃, 时间为 3±0.5 秒.                                                                                                                                                                                                                                                                                                                                                                                                    | (1) SOLDER WELTING TIME SHALLBE 3 SEC OR LESS.<br>焊接时间少于 3 秒<br>(2) THE AREA OF SOLDERING SHOULD BE OVER 95%<br>焊接面积要有 95%以上.                                                                                                                                                                                                    |
| 6.3                                                                                                                                  | RESISTANCE TO SOLDERING HEAT TEST<br>耐焊性试验 | SOLDER BATH METHOD:<br>SOLDER TEMPERATURE 260±5℃<br>IMMERSION TIME3±0.5 SEC<br>IMMERSION DEPTH UP TO THE SURFACE OF THE BOARD 1.6mm<br>DIMENSIONS OF COMPONENT HOLES IN THE PRINTED WIRING BOARD SHALL BEING ACCORDANCE WITH THOSE SPECIFIED IN THES SPECIFICATION.<br>焊炉焊接的时候温度控制在 260±5℃, 过炉时间为 3±0.5 秒, 于基板厚度为 1.6mm<br>SOLDERING IRON METHOD:<br>BIT TEMPERATURE 360±10℃<br>APPLICATION TIME OF SOLDERING IRON3±0.5SEC HOWEVER EXCESSIVE PRESSURE SHALL NOT BE APPLIED TO THE TERMINAL.<br>手焊接的时候温度控制在 360±10℃, 时间为 3±0.5 秒, 但不能在排脚上施加异常压力 | WITHORT DEFORMATION OF CASE OR EXCESSIVE LOOSENESS OF TEMINALS ELECTRICAL CHARACTERISTCS SHALL BE SATISFIED.<br>本体无变形, 能满足于机械、电气性能。                                                                                                                                                                                              |
| 6.4                                                                                                                                  | COLD TEST<br>耐冷试验                          | THE SWITCH SHALL BE STORED AT A TEMPERATURE OF -40±3℃ FOR48HOURS.<br>THEN THE SWITCH SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE.<br>放置在温度-40±3℃中 48 小时后, 再放置常温中 1 小时来进行测试.                                                                                                                                                                                                                                                                                                        | THERE SHALL BE NO DEFORMATION OR CRACKS IN MOLDED PART.<br>外观无异常, 满足于机械、电气性能                                                                                                                                                                                                                                                     |

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| DONG GUAN XI BANG ELECTRONICS CO.,LTD |                                          |                                                                                                                                                                                                                                                                                                                                                                                                              | 发布日期                                                                         | 2024年 1月 26 日   |
| SPECIFICATION 规格书                     |                                          |                                                                                                                                                                                                                                                                                                                                                                                                              | 第 A 版                                                                        | 第 3 页 共 3 页     |
| 6.5                                   | HEAT TEST<br>耐热试验                        | THE SWITCH SHALL BE STORED ATA TEMPERATURE OF $70\pm 2^{\circ}\text{C}$ FOR 48 HOURS. THEN THE SWITCH SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE.<br>放置在温度 $70\pm 2^{\circ}\text{C}$ 中测试 48 小时后,再放置正常室温中 1 小时来测定.                                                                                                                               | THERE SHALL BE NO DEFORMATION OR CRACKS IN MOLDED PART.<br>外观无异常,满足于机械、电器性能. |                 |
| 6.6                                   | HUMIDITY TEST<br>潮湿试验                    | THE SWITCH SHALL BE STORED ATA TEMPERATURE OF $40\pm 2^{\circ}\text{C}$ AND A HUMIFITY OF 90% TO 95% FOR 96 HOURS. THEN THE SWITCH SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITION FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE.<br>放置 $40\pm 2^{\circ}\text{C}$ 的相对湿度为 90%~95%环境中 96 小时后,再将样板放在正常环境 1 小时后进行测试.                                                                                    |                                                                              |                 |
| 6.7                                   | STANDARD ATMOSPHERE CONDITIONS<br>测试标准状态 | UNLESS OTHERWISE SPECIFIED.<br>THE STANDARD RANGE OF ATMOSPHERE CONDITIONS FOR MAKING MEASUREMENTS AND TESTS ARE AS FOLLOWS:<br>(1) AMBIENT TEMPERATURE: $5^{\circ}\text{C}$ TO $35^{\circ}\text{C}$<br>(2) RELATIVE HUMIDITY:45% TO 85%<br>(3) AIT PRESSURE :86Kpa TO 106Kpa<br>在没有指定的情况下测试温度、湿度、气压如下:<br>(1) 温度为 $5^{\circ}\text{C}$ — $35^{\circ}\text{C}$ .<br>(2) 湿度为 45%—85%.<br>(3) 气压为 86Kpa—106Kpa. |                                                                              |                 |
| 6.8                                   | PRACTICAL TEMPERATURE RANCE<br>使用温度范围    | AT $-40^{\circ}\text{C}$ — $+60^{\circ}\text{C}$ .<br>在 $-40^{\circ}\text{C}$ — $+60^{\circ}\text{C}$ 内使用.                                                                                                                                                                                                                                                                                                   |                                                                              |                 |