



测试项目 Test Item : **拖链试验Drag Chain test**

规格编号 Spec. No. : CHAIN-220465

客户编号Customer No. : /

样品来源 Sample From : 技术部

温湿度 Temp.&Humidity : 22°C / 60%

样品描述 Sample Descri : 4G0.75+2X0.2,PVC

测试参考标准 Test Standards:

机器人 TUV 2577-08.16 robot cable revision 8.4

客户要求Customer requirements



测试主要设备 Test Main Equipments

- 1, LX-T108拖链电缆试验机LX-T108 towline cable testing machine
- 2, DZ-405F5电线U字形反复弯折试验机DZ-405F5 wire U-shaped repeated bending test machine



测试步骤 Test Procedure:

- 1, LX-T108拖链电缆试验机, 取样长度6米LX-T108 towline cable testing machine, sampling length of 6 meters
- 2, DZ-405F5电线U字形反复弯折试验机, 取样长度3米DZ-405F5 wire U-shaped repeated bending test machine, sampling length of 3 meters
- 3, 将试样两端的导体分别串联对接, 构成一个串联不可重复的回路The conductor at both ends of the conductor were connected in series, constitute a series of non-repeatable loop.
- 4, 用规定的夹具夹住试样一端, 连接导体电阻测试仪(数据采集器)上Hold one end of the specimen with a specified clamp and connect it to a conductor resistance tester (data collector)
- 5, 调节速度, 设定弯曲次数, 接通电源, 开始测试.Adjust the speed, set the number of bending, turn on the power, start testing.

测试条件&要求 Test Requirement: R=48mm, 60次/min, 行程: 1.0m

- 1, 弯曲次数Number of Bends: 5,000,000 次
- 2, 施加 2.0kv 电压,试样不能被击穿.All the specimens without breakdown under 不击穿
- 3, 最大导体电阻 Max.conductor resistance: 24.33 / 86.51 Ω/km.
- 4, 外观Exterior: 结构不松散, 不破皮, 形状不改变

测试结果 Test Result:

- 1, 弯曲次数Number of Bends: 5,689,254 次
- 2, 耐压期间,试样是否被击穿The specimens breakdown for 30 minutes or not : 不击穿
- 3, 导体电阻是 Conductor resistance: 25.02 / 88.42 Ω/km.
- 4, 外观Exterior: 结构不松散, 不破皮, 形状不改变

结果判定 Judge Result:

符合规格(Meets Specification)

不符合规格(Does not Meet Specification)

测试员Tester: 易慧

核准Approval: 张萍