



Survey Report

No. SH595708/ CHEM

Date: 12.29.2005

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公司名称: 浙江科都电气制造有限公司

Company: ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.

地址: 浙江省乐清市虹桥镇蒲岐工业区

Address: PUQI INDUSTRIAL ZONE HONGQIAO YUEQING ZHEJIANG 325608 P.R. CHINA

样品名称:

Report on the submitted sample said to be: used for ELECTROMAGNETIC SWITCH SERIES (电磁开关系列)(KJD17)

SGS 编号: : SHEC0051235678-3EC

SGS Ref. : SHEC0051235678-3EC

型号: : KJD10DZ, KJD11, KJD11-10D, KJD12, KJD12/120V, KJD12-14, KJD12-14/120V, KJD12G, KJD12H, KJD15, KJD16, KJD16/120V, KJD16-16, KJD17, KJD17/120V, KJD17-16, KJD17B, KJD17B/120V, KJD17-16, KJD17GF, KJD18, KJD18/400V, KJD18D, KJD19, KJD19/120V, KJD20, KJD20/120V, KJD20-2, KJD20-2/120V, KJD20-3, KJD20-5, KJD21, KJD22, KJD24-5(45000196), KJD24A(45000190), KJD24A-2(45000191), KJD24B(45000192), KJD24C(45000193), KJD24C-2(45000195), KJD24D(45000198), KJD26(4097632), KJD26B(5338370), KJD26-2, KJD27, KJD27-2(361609), KJD27-3(361611)

Style No. : KJD10DZ, KJD11, KJD11-10D, KJD12, KJD12/120V, KJD12-14, KJD12-14/120V, KJD12G, KJD12H, KJD15, KJD16, KJD16/120V, KJD16-16, KJD17, KJD17/120V, KJD17-16, KJD17B, KJD17B/120V, KJD17-16, KJD17GF, KJD18, KJD18/400V, KJD18D, KJD19, KJD19/120V, KJD20, KJD20/120V, KJD20-2, KJD20-2/120V, KJD20-3, KJD20-5, KJD21, KJD22, KJD24-5(45000196), KJD24A(45000190), KJD24A-2(45000191), KJD24B(45000192), KJD24C(45000193), KJD24C-2(45000195), KJD24D(45000198), KJD26(4097632), KJD26B(5338370), KJD26-2, KJD27, KJD27-2(361609), KJD27-3(361611)

收样日期: : 2005-12-08

Sample Received : December 08, 2005

审核日期: : 2005-12-08 to 2005-12-12

Survey Period : December 08 to December 12, 2005

审核要求: 根据客户要求将部品测试报告加以合并

Test Requested To combine the test reports for the submitted sample

测试报告: 报告号: 报告出具日期:

Test Report	Report No.	Issue date
	SGS SH546401/CHEM	07/15/2005
	SGS SH546402/CHEM	07/15/2005
	SGS SH546070/CHEM	07/15/2005
	SGS SH546086/CHEM	07/15/2005
	SGS SH546404/CHEM	07/15/2005
	SGS SH553274/CHEM	08/08/2005
	SGS SH553931/CHEM	08/10/2005
	SGS SH546096/CHEM	07/15/2005
	SGS SH546405/CHEM	07/15/2005
	SGS SH553277/CHEM	08/09/2005
	SGS SH546118/CHEM	07/15/2005

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SGS SH546119/CHEM	07/15/2005
SGS SH546409/CHEM	07/15/2005
SGS SH546413/CHEM	07/15/2005
SGS SH546411/CHEM	07/15/2005
SGS SH546131/CHEM	07/18/2005

结论: 根据客户提供的报告,针对提供的样品,我们对有关部品数据总结如下
Conclusion Based on the reports submitted by clients , we outline the test data as following

Signed for and on behalf of
SGS-CSTC Chemical Laboratory


Ella Zhang
Supervisor

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Survey Part

部品 No.1	大压簧(动触头压簧)
Part name No.1	BIG SPRING (LEVER SPRING)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546401/CHEM
Report number	SGS SH546401/CHEM
部品 No.2	大压簧(红钮弹簧)
Part name No.2	BIG SPRING (RED BUTTON SPRING)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546401/CHEM
Report number	SGS SH546401/CHEM
部品 No.3	大压簧(滑板压簧)
Part name No.3	BIG SPRING (MOVABLE PLATE SPRING)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546401/CHEM
Report number	SGS SH546401/CHEM
部品 No.4	大压簧(绿钮弹簧)
Part name No.4	BIG SPRING (GREEN BUTTON SPRING)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546401/CHEM
Report number	SGS SH546401/CHEM
部品 No.5	动触点
Part name No.5	MOVABLE CONTACT
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546402/CHEM
Report number	SGS SH546402/CHEM
部品 No.6	动触点(静触点)

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Part name No.6	MOVABLE CONTACT(STATIONARY CONTACT)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546402/CHEM
Report number	SGS SH546402/CHEM
部品 No.7	动铁芯(轭铁)
Part name No.7	MOVABLE IRON CORE (BASE IRON)
型号:	JD3
Model:	JD3
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546070/CHEM
Report number	SGS SH546070/CHEM
部品 No.8	动铁芯(铁芯)
Part name No.8	MOVABLE IRON CORE (IRON CORE)
型号:	JD3
Model:	JD3
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546070/CHEM
Report number	SGS SH546070/CHEM
部品 No.9	动铁芯(衔铁)
Part name No.9	MOVABLE IRON CORE (CONNECTION IRON)
型号:	JD3
Model:	JD3
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546070/CHEM
Report number	SGS SH546070/CHEM
部品 No.10	线圈
Part name No.10	COIL
型号:	KJD17
Model:	KJD17
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546086/CHEM
Report number	SGS SH546086/CHEM
部品 No.11	动触架(左静触头)
Part name No.11	LEVER HOLDER(LEFT TERMINAL)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司

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Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546404/CHEM
Report number	SGS SH546404/CHEM
部品 No.12	动触架(右静触头)
Part name No.12	LEVER HOLDER(RIGHT TERMINAL)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546404/CHEM
Report number	SGS SH546404/CHEM
部品 No.13	动触架(动触头)
Part name No.13	LEVER HOLDER(LEVER)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546404/CHEM
Report number	SGS SH546404/CHEM
部品 No.14	垫圈(防水框)
Part name No.14	RING (PROTECTION FRAME)
型号:	HY38
Model:	HY38
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH553274/CHEM
Report number	SGS SH553274/CHEM
部品 No.15	垫圈(面板)
Part name No.15	RING (FACE PLATE)
型号:	HY38
Model:	HY38
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH553274/CHEM
Report number	SGS SH553274/CHEM
部品 No.16	垫圈(右安装翅)
Part name No.16	RING (RIGHT EAR)
型号:	HY38
Model:	HY38
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH553274/CHEM
Report number	SGS SH553274/CHEM
部品 No.17	垫圈(左安装翅)

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Part name No.17	RING (LEFT EAR)
型号:	HY38
Model:	HY38
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH553274/CHEM
Report number	SGS SH553274/CHEM
部品 No.18	按钮(红钮)
Part name No.18	BUTTON (RED BUTTON)
型号:	PL12
Model:	PL12
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH553931/CHEM
Report number	SGS SH553931/CHEM
部品 No.19	绿钮
Part name No.19	GREEN BUTTON
型号:	KJD17
Model:	KJD17
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546096/CHEM
Report number	SGS SH546096/CHEM
部品 No.20	活动板(底座)
Part name No.20	ACTUATOR (HOUSING)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546405/CHEM
Report number	SGS SH546405/CHEM
部品 No.21	线圈骨架
Part name No.21	COIL FRAME
型号:	KJD17
Model:	KJD17
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH553277/CHEM
Report number	SGS SH553277/CHEM
部品 No.22	滑体
Part name No.22	MOVABLE PART
型号:	KJD17
Model:	KJD17
生产商:	浙江科都电气制造有限公司

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Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546118/CHEM
Report number	SGS SH546118/CHEM
部品 No.23	防水罩
Part name No.23	PROTECTION COVER
型号:	KJD17
Model:	KJD17
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546119/CHEM
Report number	SGS SH546119/CHEM
部品 No.24	弹簧片(长触针)
Part name No.24	SPRING PLATE (LONG CONTACT PIN)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546409/CHEM
Report number	SGS SH546409/CHEM
部品 No.25	轴(一)(短路环)
Part name No.25	AXIS(1) (SHORT CIRCUIT RING)
型号:	HY44B
Model:	HY44B
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546413/CHEM
Report number	SGS SH546413/CHEM
部品 No.26	密封垫(橡胶垫)
Part name No.26	GASKET (RUBBER MAT)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546411/CHEM
Report number	SGS SH546411/CHEM
部品 No.27	线圈封包纸
Part name No.27	COIL PACK PAPER
型号:	KJD17
Model:	KJD17
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546131/CHEM
Report number	SGS SH546131/CHEM

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数据总结

Test Data Summary

Test items	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium Cr(VI)	PBBs	PBDEs
Unit	ppm	ppm	ppm	ppm	ppm	ppm
Detection limit (MDL) in SGS	2	2	2	2	5	5
Part No.1 大压簧(动触头压簧) BIG SPRING (LEVER SPRING)	<5	<5	N.D.	N.D.	N.C.	N.C.
Part No.2 大压簧(红钮弹簧) BIG SPRING (RED BUTTON SPRING)	<5	<5	N.D.	N.D.	N.C.	N.C.
Part No.3 大压簧(滑板压簧) BIG SPRING (MOVABLE PLATE SPRING)	<5	<5	N.D.	N.D.	N.C.	N.C.
Part No.4 大压簧(绿钮弹簧) BIG SPRING (GREEN BUTTON SPRING)	<5	<5	N.D.	N.D.	N.C.	N.C.
Part No.5 动触点 MOVABLE CONTACT	<5	20	N.D.	N.D.	N.C.	N.C.
Part No.6 动触点(静触点) MOVABLE CONTACT(STATION ARY CONTACT)	<5	20	N.D.	N.D.	N.C.	N.C.
Part No.7 动铁芯(轭铁) MOVABLE IRON CORE (BASE IRON)	N.D.	N.D.	N.D.	N.D.	N.C.	N.C.
Part No.8 动铁芯(铁芯) MOVABLE IRON CORE (IRON CORE)	N.D.	N.D.	N.D.	N.D.	N.C.	N.C.
Part No.9 动铁芯(衔铁) MOVABLE IRON CORE (CONNECTION IRON)	N.D.	N.D.	N.D.	N.D.	N.C.	N.C.
Part No.10 线圈 COIL	N.D.	N.D.	N.D.	N.D.	N.C.	N.C.
Part No.11 动触架(左静触头) LEVER HOLDER(LEFT TERMINAL)	52	<5	N.D.	N.D.	N.C.	N.C.

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Part No.12	动触架(右静触头) LEVER HOLDER(RIGHT TERMINAL)	52	<5	N.D.	N.D.	N.C.	N.C.
Part No.13	动触架(动触头) LEVER HOLDER(LEVER)	52	<5	N.D.	N.D.	N.C.	N.C.
Part No.14	垫圈(防水框) RING (PROTECTION FRAME)	4	N.D.	N.D.	N.D.	N.D.	N.D.
Part No.15	垫圈(面板) RING (FACE PLATE)	4	N.D.	N.D.	N.D.	N.D.	N.D.
Part No.16	垫圈(右安装翅) RING (RIGHT EAR)	4	N.D.	N.D.	N.D.	N.D.	N.D.
Part No.17	垫圈(左安装翅) RING (LEFT EAR)	4	N.D.	N.D.	N.D.	N.D.	N.D.
Part No.18	按钮(红钮) BUTTON (RED BUTTON)	N.D.	6	N.D.	N.D.	N.D.	N.D.
Part No.19	绿钮 GREEN BUTTON	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Part No.20	活动板(底座) ACTUATOR (HOUSING)	32	11	N.D.	N.D.	N.D.	156
Part No.21	线圈骨架 COIL FRAME	17	N.D.	N.D.	N.D.	N.D.	12
Part No.22	滑体 MOVABLE PART	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Part No.23	防水罩 PROTECTION COVER	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Part No.24	弹簧片(长触针) SPRING PLATE (LONG CONTACT PIN)	82	<5	N.D.	N.D.	N.C.	N.C.
Part No.25	轴(一)(短路环) AXIS(1) (SHORT CIRCUIT RING)	90	<5	N.D.	N.D.	N.C.	N.C.
Part No.26	密封垫(橡胶垫) GASKET (RUBBER MAT)	17	N.D.	N.D.	N.D.	N.D.	N.D.
Part No.27	线圈封包纸 COIL PACK PAPER	25	N.D.	N.D.	N.D.	N.D.	N.D.

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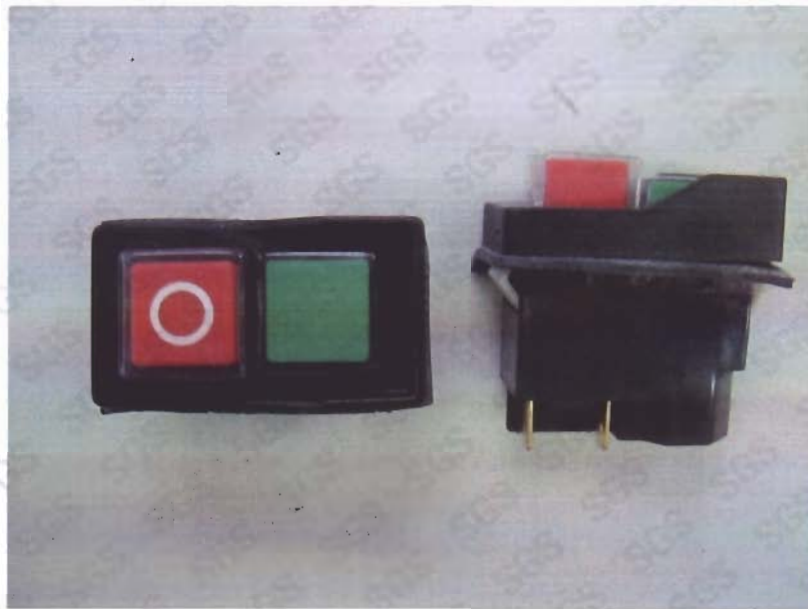
NOTE: (1) N.D. = Not detected (<MDL)
(2) N.C. = Not conducted
(3) ppm = mg/kg

Disclaim :

- (1) The detection limit of other labs may be different from that of SGS
- (2) SGS take no responsibility for any mistakes caused by inaccurate and/or invalid information submitted by the applicant.

*** End of Report ***

Sample photo



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