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| 检测报告 | | | | | | | | | |
|
| **Test Report** | | | | | | | | | |
|  | | | | | | | | | |
| 编号(No.)：{{t\_deviceinfo.bargainnum}} | | | | | | | | | |
|  | | | | | | | | | |
| 委托单位 | | | (Consignor) | | {{t\_entryinfo.entrustparty}} | | |  | |
| 工程名称 | | | (Project name) | | {{t\_entryinfo.projectname}} | | |  | |
| 试样名称 | | | (Sample name) | | {{t\_deviceinfo.devicename}} | | |  | |
| 规格型号 | | | (Type) | | {{t\_deviceinfo.devicecode}} | | |  | |
| 生产单位 | | | (Production unit) | | {{t\_deviceinfo.manufacturer}} | | |  | |
| 检测类别 | | | (Test category) | | {{v\_deviceinfo.typename}} | | |  | |
| 检测项目 | | | (Test items) | | 详见数据页 | | |  | |
|  | | | | | | | | | |
| **国网浙江省电力有限公司物资（配网设备）** | | | | | | | | | |
| **质量检测中心** | | | | | | | | | |
| State Grid Zhejiang Electric Power Co.LTD Company Quality Supervision  & Inspection Center Of Power Distribution Equipment | | | | | | | | | |
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|  | | | | 说明 | |  | | | |
|  | | | | **Instruction** | |  | | | |
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|  | | 1.本单位是国家法定检测机构。  This institute is the national statutory testing agency.  2.本单位所出具的数据均可溯源至国家基准和国际单位制(SI)。  The data issued by the institute are traceable to national benchmarks and the International System of Units.  3. 本检测报告(包括复印件)未加盖本单位印章无效。本检测报告未加盖资质认定标志时，作为内部参考，不具有对社会的证明作用。  The test report (including copies) uncovered seal of the institute is invalid.The report will serve as an internal reference and will not be a proof if without the qualification certification mark.  4.本检测报告无主检、审核、批准人员签署无效。  The test report is invalid without the signatures of main inspector, auditor and approver.  5.客户需要复制本检测报告时，请持公函或单位介绍信到本单位业务部办理。  Please take official letter or introduction letter to the business department if the test report copy is needed.  6.本检测报告涂改无效。  The test report is invalid if altered.  7.除特别声明外，本检测报告仅对接收到的样品负责。  The test report is only responsible for samples sent by customers unless special statements.  8.客户如果对本检测报告有异议，可在收到报告之日起十五日内以书面方式向本单位提出。  Customers could write to the institute within fifteen days from the date of receipt of the report if any  objections to the test report. | | | | |  | | |
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|  | 国网浙江省电力有限公司物资（配网设备）质量检测中心  State Grid Zhejiang Electric Power Co.LTD Company Quality Supervision & Inspection Center  Of Power Distribution Equipment | | | | | | | |  |
|  | 地址：浙江.杭州.萧山区.鸿达路183号北门，电子信箱：huadianpeiwang@163.com  Address: 183Hongda Road Hangzhou city P.R.China; E-mail：huadianpeiwang@163.com  邮编（Zip code）：311200，联系电话（Tel. No.）：0571- 82613191，0571- 82613253 | | | | | | | |  |

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| 检测报告 | | | | | | | | | | | | | | | | | |
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| Test Report | | | | | | | | | | | | | | | | | |
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| 检测类别Category | | | | | | | {{v\_deviceinfo.typename}} | | | | | 报告编号No. | | | | {{t\_deviceinfo.bargainnum}} | |
| 试样名称Sample name | | | | | | | {{t\_deviceinfo.devicename}} | | | | | | | | | | |
| 委托方  Consignor | 名称Manufacturer | | | | | | {{t\_entryinfo.entrustparty}} | | | | | | | | | | |
| 地址Address | | | | | | {{t\_entryinfo.consignoraddress}} | | | | | | | | | | |
| 邮政编码  Zip Code | | | | | | {{t\_entryinfo.consignorpostcode}} | | | | | 联系电话  Tel No. | | | | {{t\_entryinfo.consignorphone}} | |
| 生产方  Production  unit | 名称Manufacturer | | | | | | {{t\_deviceinfo.manufacturer}} | | | | | | | | | | |
| 地址Address | | | | | | {{t\_deviceinfo.manufactureraddress}} | | | | | | | | | | |
| 邮政编码  Zip Code | | | | | | {{t\_deviceinfo.manufacturerpostcode}} | | | | | 联系电话  Tel No. | | | | {{t\_deviceinfo.manufacturerphone}} | |
| 试样描述  Sample  description | 型号规格Type | | | | | | {{t\_deviceinfo.devicecode}} | | | | | | | | | | |
| 联系人Contacts | | | | | | 送检人Sender | | | {{t\_entryinfo.sender}} | | | | | | | |
| 见证人Witness | | | {{t\_entryinfo.witness}} | | | | | | | |
| 到样日期  Date of receiving | | | | | | {{t\_deviceinfo.arrivetime}} | | | | 检测日期  Date of testing | | | | {{t\_logisticsrecord\_time.entertime}} | | |
| 至 | | |
| {{t\_logisticsrecord\_time.outtime}} | | |
| 批准日期Date of Approver | | | | | | |  | | | | | | | | | | |
| 检测地点Test Location | | | | | | | {{labAddress}} | | | | | | | | | | |
| 检测项目  Test item | | 短时工频耐受电压试验{{-kgg\_gpsy}}  雷电冲击电压试验{{-kgg\_ldcjsy}}  回路电阻试验{{-kgg\_hldzwssy}}  温升试验{{-hwg\_wssy}}  局部放电测试{{-hwg\_zgjbfdcs}}  机械操作试验{{-hwg\_jxczsy}}  绝缘件局部放电测量{{-kgg\_jyjjbfdcl}}  机械特性试验{{-hwg\_jxtxsy}}  柜体材质及厚度测量{{-hwg\_gtczjhdcl}}  防护等级试验{{-jpg\_wkfhdjcs}}  电气联锁检查{{-kgg\_dqlsjc}} | | | | | | | | | | | | | | | |
| 检测结论Conclusion | | {{itemNames}} | | | | | | | | | | | | | | | |
|
| 主检  Main inspector | |  | | | | | | | | | | | | | | | |
|  | {{@auditorOneUrl-70-35}} | |  | {{@auditorTwoUrl-70-35}} | | {{@auditorThreeUrl-70-35}} | | | | | | | | | |
| 审核  Auditor | |  | | | | | | | 批准  Approver | | | |  | | | | |
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| 1 被试品信息 | | | | | | | |
| 1.1被试品参数 | | | | | | | |
| 额定电流（A）： | | {{ts\_paralib.ied}} | | | 额定电压（kV）： | | {{ts\_paralib.ued}} |
| 额定雷电冲击耐受电压（kV）： | | {{ts\_paralib.uldns}} | | | 额定频率（Hz）： | | {{ts\_paralib.fed}} |
| 额定短时耐受电流（kA）： | | {{ts\_paralib.idsns}} | | | 额定短时持续时间（s）： | | {{ts\_paralib.tdlcx}} |
| 内部电弧等级： | | {{ts\_paralib.nbdhdj}} | | | 额定峰值耐受电流（kA）： | | {{ts\_paralib.ifzns}} |
| 额定短路开断电流（kA）： | | {{ts\_paralib.idlkd}} | | | 防护等级： | | {{ts\_paralib.fhdj}} |
| 长（mm）： | | {{t\_deviceinfo.l}} | | | 宽（mm）： | | {{t\_deviceinfo.w}} |
| 高（mm）： | | {{t\_deviceinfo.h}} | | | 被试设备编号： | | / |
| 出厂编号： | | {{t\_deviceinfo.factorynum}} | | | | | |
| 1.2检测依据 | | | | | | | |
| GB/T 11022-2011 高压开关设备和控制设备标准的共用技术要求  GB/T 3906-2006 3.6kV～40.5kV交流金属封闭开关设备和控制设备  GB/T 7354 -2018 高电压试验技术 局部放电测量 | | | | | | | |
| 1.3被试品照片 | | | | | | | |
| {{@t\_deviceinfo.devicepicture1path}} | | | | {{@t\_deviceinfo.devicepicture2path}} | | | |
| {{@t\_deviceinfo.devicepicture3path}} | | | | {{@t\_deviceinfo.devicepicture4path}} | | | |
|  | | | | | | | |
|  | | | | | | | |
|  | 主检：{{auditorNames}} | |  | | | 审核：高一波 | |
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| 2.检测结果汇总 | | | | | |  |
| 序号 | 检测项目 | 判断依据 | 标准(委托要求) | 测量值 | 项目  结论 |  |
|  | 短时工频耐受电压试验 | GB/T 16927.1高电压试验技术 第1部分：一般定义及试验要求、委托书要求 | 按GB/T 16927.1进行承受短时工频耐受电压试验。对每一试验状况，应该把试验电压升到试验值并维持1min，如果没有发生破坏性放电，则应该认为开关设备和控制设备通过了试验。 | 相对地：{{jcyth\_dts\_kgg\_gpsy.xddnydy}}kV {{jcyth\_dts\_kgg\_gpsy.gpnysj}}s;  相 间：{{jcyth\_dts\_kgg\_gpsy.xjnydy}}kV {{jcyth\_dts\_kgg\_gpsy.gpnysj}}s;  断 口：{{jcyth\_dts\_kgg\_gpsy.dknydy}}kV {{jcyth\_dts\_kgg\_gpsy.test\_time}}s。 | {{ts\_testbasicinfo.teststatus.kgg\_gpsy}}  {{!kgg\_gpsy}} |  |
|  | 雷电冲击电压试验 | GB/T 16927.1高电压试验技术 第1部分：一般定义及试验要求、委托书要求 | 按GB/T 16927.1-2011中程序C的规定进行，用1.2/50μs标准雷电冲击试验电压，对每一试验条件和正、负极性施加其额定耐受电压连续3次。如果没有发生破坏性放电，则认为通过试验；如果发生破坏放电超过1次，则试品未通过试验；如果仅在自恢复绝缘上发生1次破坏性放电，则再加9次冲击，如再无破坏性放电发生，则试验通过。 | 相对地：{{jcyth\_dts\_kgg\_ldcjsy.xddnydy}}kV;  相间：{{jcyth\_dts\_kgg\_ldcjsy.xddnydy}}kV;  断口：{{jcyth\_dts\_kgg\_ldcjsy.dknydy}}kV。 | {{ts\_testbasicinfo.teststatus.kgg\_ldcjsy}}  {{!kgg\_ldcjsy}} |  |
|  | 回路电阻测量 | GB/T 11022-2011高压开关设备和控制设备标准的共用技术要求、委托书要求 | 温升试验后比温升试验前的电阻值不应超过 20%。 | 详见2.{{position\_hldzwssy}}。 | {{ts\_testbasicinfo.teststatus.kgg\_hldzwssy}}  {{!kgg\_hldzwssy}} |  |
|  | 温升试验 | GB/T 11022-2011高压开关设备和控制设备标准的共用技术要求、委托书要求 | 不超过GB/T11022中给出的极限 | 详见2.{{position\_wssy}}。 | {{ts\_testbasicinfo.teststatus.hwg\_wssy}}  {{!hwg\_wssy}} |  |
|  | 局部放电测试 | GB/T 7354-2018 高电压试验技术 局部放电测量、委托书要求 | 1.1Ur下开关柜的局部放电量应不大于20pC 。 | A相：{{jcyth\_dts\_hwg\_zgjbfdcs.a\_pd}}pC;  B相：{{jcyth\_dts\_hwg\_zgjbfdcs.b\_pd}}pC;  C相：{{jcyth\_dts\_hwg\_zgjbfdcs.c\_pd}}pC。 | {{ts\_testbasicinfo.teststatus.hwg\_zgjbfdcs}}  {{!hwg\_zgjbfdcs}} |  |
|  | 机械操作试验 | GB/T 1984-2014高压交流断路器、委托书要求 | 机械操作试验由50次操作顺序组成。试验完成后断路器满足GB/T 1984-2014中6.101.1.4中的要求，则通过试验。 | 详见2.{{position\_jxczsy}}。 | {{ts\_testbasicinfo.teststatus.hwg\_jxczsy}}  {{!hwg\_jxczsy}} |  |
|  | 绝缘件局部放电测量 | GB/T 7354-2018 高电压试验技术 局部放电测量、委托书要求 | 绝缘件本体局放不超过3pC | 本体绝缘件：{{jcyth\_dts\_kgg\_jyjjbfdcl.a\_pd}}pC。 | {{ts\_testbasicinfo.teststatus.kgg\_jyjjbfdcl}}  {{!kgg\_jyjjbfdcl}} |  |
|  | 机械特性试验 | GB/T 1984-2014 高压交流断路器、委托书要求 | 主要测量对象包括： 开断时间：≤60ms ;分闸时间：≤40ms; 合闸时间：≤60ms;合闸弹跳时间; ≤2ms | 详见2.{{position\_jxtxsy}}。 | {{ts\_testbasicinfo.teststatus.hwg\_jxtxsy}}  {{!hwg\_jxtxsy}} |  |
|  | 柜体材质及厚度测量 | 委托书要求 | 环网柜柜体应采用敷铝锌钢板，气箱箱体应采用S304不锈钢板 ，厚度≥2mm | 柜体材质：{{jcyth\_dts\_hwg\_gtczjhdcl.gtczjc}}；  柜体厚度：{{jcyth\_dts\_hwg\_gtczjhdcl.hdjc}}；  气箱材质：{{jcyth\_dts\_hwg\_gtczjhdcl.qxcz}}。 | {{ts\_testbasicinfo.teststatus.hwg\_gtczjhdcl}}  {{!hwg\_gtczjhdcl}} |  |
|  | 防护等级试验 | GB/T 4208-2017 外壳防护等级（IP代码）、委托书要求 | 根据GB/T 4208-2017中规定的试验方法。 | 详见2.{{position\_wkfhdjcs}}。 | {{ts\_testbasicinfo.teststatus.jpg\_wkfhdjcs}}  {{!jpg\_wkfhdjcs}} |  |
|  | 电气联锁检查 | GB/T 3906-2006 3.6kV～40.5kV交流金属封闭开关设备和控制设备、委托书要求 | 为了防护和便于操作，设备的不同元件应装设联锁 | 详见2.{{position\_dqlsjc}}。 | {{ts\_testbasicinfo.teststatus.kgg\_dqlsjc}}  {{!kgg\_dqlsjc}} |  |

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| 1. **短时工频耐受电压试验{{^kgg\_gpsy}}** | | | | | | | | | | | |
| 环境温度(℃) | | {{ts\_testbasicinfo.temperature.kgg\_gpsy}} | | | | | 相对湿度(%) | | {{ts\_testbasicinfo.humidity.kgg\_gpsy}} | | |
| 环境气压(kPa) | | {{ts\_testbasicinfo.airpressure.kgg\_gpsy}} | | | | | 检测日期 | | {{ts\_testbasicinfo.testdate.kgg\_gpsy}} | | |
| 标准（委托要求） | | | | | | | | | | | |
| 按GB/T 16927.1进行承受短时工频耐受电压试验。对每一试验状况，应该把试验电压升到试验值并维持1min，  如果没有发生破坏性放电，则应该认为开关设备和控制设备通过了试验。 | | | | | | | | | | | |
| 检测用仪器仪表 | | | | | | | | | | | |
| 序号 | 仪器的名称和型号 | | | | | 编号和有效期 | | | | | 准确级 |
| {{$v\_testinstrument\_gather.index\_.kgg\_gpsy}} | {{v\_testinstrument\_gather.instrumentname.kgg\_gpsy}} | | | {{v\_testinstrument\_gather.instrumentcode.kgg\_gpsy}} | | {{v\_testinstrument\_gather.instrumentnum.kgg\_gpsy}} | | {{v\_testinstrument\_gather.expirydate.kgg\_gpsy}} | | | {{$v\_testinstrument\_gather.accuracyclass.kgg\_gpsy}} |
| 检测数据 | | | | | | | | | | | |
| 检测部位 | | | 施加电压（kV） | | 检测时间（s） | | | | | 检测结果 | |
| A—B、C及地 | | | {{jcyth\_dts\_kgg\_gpsy.xddnydy}} | | {{jcyth\_dts\_kgg\_gpsy.gpnysj}} | | | | | {{jcyth\_dts\_kgg\_gpsy.xddnyjg}} | |
| B—A、C及地 | | | {{jcyth\_dts\_kgg\_gpsy.xddnydy}} | | {{jcyth\_dts\_kgg\_gpsy.gpnysj}} | | | | | {{jcyth\_dts\_kgg\_gpsy.xddnyjg}} | |
| C—A、B及地 | | | {{jcyth\_dts\_kgg\_gpsy.xddnydy}} | | {{jcyth\_dts\_kgg\_gpsy.gpnysj}} | | | | | {{jcyth\_dts\_kgg\_gpsy.xddnyjg}} | |
| A相断口 | | | {{jcyth\_dts\_kgg\_gpsy.dknydy}} | | {{jcyth\_dts\_kgg\_gpsy.test\_time}} | | | | | {{jcyth\_dts\_kgg\_gpsy.dknyjg}} | |
| B相断口 | | | {{jcyth\_dts\_kgg\_gpsy.dknydy}} | | {{jcyth\_dts\_kgg\_gpsy.test\_time}} | | | | | {{jcyth\_dts\_kgg\_gpsy.dknyjg}} | |
| C相断口 | | | {{jcyth\_dts\_kgg\_gpsy.dknydy}} | | {{jcyth\_dts\_kgg\_gpsy.test\_time}} | | | | | {{jcyth\_dts\_kgg\_gpsy.dknyjg}} | |
| 检测结论 | | | | | | | | | | | |
| {{ts\_testbasicinfo.teststatus.kgg\_gpsy}} | | | | | | | | | | | |

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| 1. **雷电冲击电压试验{{^kgg\_ldcjsy}}** | | | | | | | | | | |
| 环境温度(℃) | | {{ts\_testbasicinfo.temperature.kgg\_ldcjsy}} | | | 相对湿度(%) | | | {{ts\_testbasicinfo.humidity.kgg\_ldcjsy}} | | |
| 环境气压(kPa) | | {{ts\_testbasicinfo.airpressure.kgg\_ldcjsy}} | | | 检测日期 | | | {{ts\_testbasicinfo.testdate.kgg\_ldcjsy}} | | |
| 标准（委托要求） | | | | | | | | | | |
| 按GB/T 16927.1-2011中程序C的规定进行，用1.2/50μs标准雷电冲击试验电压，对每一试验条件和正、负极性施加其额定耐受电压连续3次。如果没有发生破坏性放电，则认为通过试验；如果发生破坏放电超过1次，则试品未通过试验；如果仅在自恢复绝缘上发生1次破坏性放电，则再加9次冲击，如再无破坏性放电发生，则试验通过。 | | | | | | | | | | |
| 检测用仪器仪表 | | | | | | | | | | |
| 序号 | 仪器的名称和型号 | | | 编号和有效期 | | | | | 准确级 |
| {{$v\_testinstrument\_gather.index\_.kgg\_ldcjsy}} | {{v\_testinstrument\_gather.instrumentname.kgg\_ldcjsy}} | | {{v\_testinstrument\_gather.instrumentcode.kgg\_ldcjsy}} | {{v\_testinstrument\_gather.instrumentnum.kgg\_ldcjsy}} | | | {{v\_testinstrument\_gather.expirydate.kgg\_ldcjsy}} | | {{$v\_testinstrument\_gather.accuracyclass.kgg\_ldcjsy}} |
| 检测数据 | | | | | | | | | | |
| 检测部位 | | | | | | 施加电压(kV) | | | | |
| {{$jcyth\_dts\_kgg\_ldcjsy\_datas.group}} | | | | | | {{$jcyth\_dts\_kgg\_ldcjsy\_datas.v}} | | | | |
| 检测结论 | | | | | | | | | | |
| {{ts\_testbasicinfo.teststatus.kgg\_ldcjsy}} | | | | | | | | | | |

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|  | | |
| **{{^kgg\_ldcjsy}}** | | |
| {{$jcyth\_dts\_kgg\_ldcjsy\_picpaths.group}} | | {{$@jcyth\_dts\_kgg\_ldcjsy\_picpaths.picpath}} |

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| 1. **回路电阻测量{{^kgg\_hldzwssy}}** | | | | | | | | | | | |
| 环境温度(℃) | | {{ts\_testbasicinfo.temperature.kgg\_hldzwssy}} | | | | 相对湿度(%) | | | {{ts\_testbasicinfo.humidity.kgg\_hldzwssy}} | | |
| 环境气压(kPa) | | {{ts\_testbasicinfo.airpressure.kgg\_hldzwssy}} | | | | 检测日期 | | | {{ts\_testbasicinfo.testdate.kgg\_hldzwssy}} | | |
| 标准（委托要求） | | | | | | | | | | | |
| GB/T 11022-2011高压开关设备和控制设备标准的共用技术要求、委托书要求 | | | | | | | | | | | |
| 检测用仪器仪表 | | | | | | | | | | | |
| 序号 | 仪器的名称和型号 | | | | 编号和有效期 | | | | | 准确级 |
| {{$v\_testinstrument\_gather.index\_.kgg\_hldzwssy}} | {{v\_testinstrument\_gather.instrumentname.kgg\_hldzwssy}} | | {{v\_testinstrument\_gather.instrumentcode.kgg\_hldzwssy}} | | {{v\_testinstrument\_gather.instrumentnum.kgg\_hldzwssy}} | | {{v\_testinstrument\_gather.expirydate.kgg\_hldzwssy}} | | | {{$v\_testinstrument\_gather.accuracyclass.kgg\_hldzwssy}} |
| 检测数据 | | | | | | | | | | | |
| 检测电流为100A。 | | | | | | | | | | | |
| 测量部位 | | | | 温升试验前 | | | | 温升试验后 | | | |
| 第A点到第A’点  第B点到第B’点  第C点到第C’点 | | | | | | | |
| 环境温度（℃） | | | | {{jcyth\_dts\_kgg\_hldzwssy.hjwd\_wssy\_q}} | | | | {{jcyth\_dts\_kgg\_hldzwssy.hjwd\_wssy\_h}} | | | |
| A相（μΩ） | | | | {{jcyth\_dts\_kgg\_hldzwssy.resb\_aa}} | | | | {{jcyth\_dts\_kgg\_hldzwssy.resf\_aa}} | | | |
| B相（μΩ） | | | | {{jcyth\_dts\_kgg\_hldzwssy.resb\_bb}} | | | | {{jcyth\_dts\_kgg\_hldzwssy.resf\_bb}} | | | |
| C相（μΩ） | | | | {{jcyth\_dts\_kgg\_hldzwssy.resb\_cc}} | | | | {{jcyth\_dts\_kgg\_hldzwssy.resf\_cc}} | | | |
| 变化最大值（％） | | | | {{jcyth\_dts\_kgg\_hldzwssy.res\_calc}} | | | | | | | |
| 检测结论 | | | | | | | | | | | |
| {{ts\_testbasicinfo.teststatus.kgg\_hldzwssy}} | | | | | | | | | | | |

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| 1. **温升试验{{^hwg\_wssy}}** | | | | | | | | | | | | |
| 环境温度(℃) | | {{ts\_testbasicinfo.temperature.hwg\_wssy}} | | | | | 相对湿度(%) | | | {{ts\_testbasicinfo.humidity.hwg\_wssy}} | | |
| 环境气压(kPa) | | {{ts\_testbasicinfo.airpressure.hwg\_wssy}} | | | | | 检测日期 | | | {{ts\_testbasicinfo.testdate.hwg\_wssy}} | | |
| 标准（委托要求） | | | | | | | | | | | | |
| GB/T 11022-2011高压开关设备和控制设备标准的共用技术要求、委托书要求 | | | | | | | | | | | | |
| 检测用仪器仪表 | | | | | | | | | | | | |
| 序号 | 仪器的名称和型号 | | | | 编号和有效期 | | | | | | | 准确级 |
| {{$v\_testinstrument\_gather.index\_.hwg\_wssy}} | {{v\_testinstrument\_gather.instrumentname.hwg\_wssy}} | | {{v\_testinstrument\_gather.instrumentcode.hwg\_wssy}} | | {{v\_testinstrument\_gather.instrumentnum.hwg\_wssy}} | | | | {{v\_testinstrument\_gather.expirydate.hwg\_wssy}} | | | {{$v\_testinstrument\_gather.accuracyclass.hwg\_wssy}} |
| 检测数据 | | | | | | | | | | | | |
| 检测施加电流为1.1×{{jcyth\_dts\_hwg\_wssy.sjdl\_current}}A。 | | | | | | 温升限值（K）：65 | | | | | | |
| 测量部位 | | | | A | | | | B | | | C | |
| {{$jcyth\_dts\_hwg\_wssy.lable}} | | | | {{jcyth\_dts\_hwg\_wssy.a}} | | | | {{jcyth\_dts\_hwg\_wssy.b}} | | | {{$jcyth\_dts\_hwg\_wssy.c}} | |
| {{$jcyth\_dts\_hwg\_wssy\_2.lable}} | | | | {{$jcyth\_dts\_hwg\_wssy\_2.v}} | | | | | | | | |
| 检测结论 | | | | | | | | | | | | |
| {{ts\_testbasicinfo.teststatus.hwg\_wssy}} | | | | | | | | | | | | |

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| 1. **局部放电测试{{^hwg\_zgjbfdcs}}** | | | | | | | | | | |
| 环境温度(℃) | | {{ts\_testbasicinfo.temperature.hwg\_zgjbfdcs}} | | | | 相对湿度(%) | | {{ts\_testbasicinfo.humidity.hwg\_zgjbfdcs}} | | |
| 环境气压(kPa) | | {{ts\_testbasicinfo.airpressure.hwg\_zgjbfdcs}} | | | | 检测日期 | | {{ts\_testbasicinfo.testdate.hwg\_zgjbfdcs}} | | |
| 标准（委托要求） | | | | | | | | | | |
| 局部放电背景水平低于5pC；局部放电水平的最大值为20pC； | | | | | | | | | | |
| 检测用仪器仪表 | | | | | | | | | | |
| 序号 | 仪器的名称和型号 | | | | 编号和有效期 | | | | 准确级 |
| {{$v\_testinstrument\_gather.index\_.hwg\_zgjbfdcs}} | {{v\_testinstrument\_gather.instrumentname.hwg\_zgjbfdcs}} | | {{v\_testinstrument\_gather.instrumentcode.hwg\_zgjbfdcs}} | | {{v\_testinstrument\_gather.instrumentnum.hwg\_zgjbfdcs}} | | {{v\_testinstrument\_gather.expirydate.hwg\_zgjbfdcs}} | | {{$v\_testinstrument\_gather.accuracyclass.hwg\_zgjbfdcs}} |
| 检测数据 | | | | | | | | | | |
| 将检测电压升到1.3Ur，稳定10秒，降为1.1Ur | | | | | | | | | | |
| 背景局放量（pC） | | | | <5 | | | | | | |
| 测量部位 | | | | 局部放电量(pC) | | | | | | |
| A相 | | | | {{jcyth\_dts\_hwg\_zgjbfdcs.a\_pd}} | | | | | | |
| {{@jcyth\_dts\_hwg\_zgjbfdcs.a\_pic-400-300}} | | | | | | | | | | |

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| B相{{^hwg\_zgjbfdcs}} | {{jcyth\_dts\_hwg\_zgjbfdcs.b\_pd}} |
| {{@jcyth\_dts\_hwg\_zgjbfdcs.b\_pic-400-300}} | |
| C相 | {{jcyth\_dts\_hwg\_zgjbfdcs.c\_pd}} |
| {{@jcyth\_dts\_hwg\_zgjbfdcs.c\_pic-400-300}} | |
| 检测结论 | |
| {{ts\_testbasicinfo.teststatus.hwg\_zgjbfdcs}} | |

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| 1. **机械操作试验{{^hwg\_jxczsy}}** | | | |
| 环境温度(℃) | {{ts\_testbasicinfo.temperature.hwg\_jxczsy}} | 相对湿度(%) | {{ts\_testbasicinfo.humidity.hwg\_jxczsy}} |
| 环境气压(kPa) | {{ts\_testbasicinfo.airpressure.hwg\_jxczsy}} | 检测日期 | {{ts\_testbasicinfo.testdate.hwg\_jxczsy}} |
| 标准（委托要求） | | | |
| 机械操作检测由50次操作顺序组成。试验完成后断路器满足GB/T 1984-2014中6.101.1.4中的要求，则通过试验。 | | | |
| 检测数据 | | | |
| 手动进行50次合—分操作；试验结果正常。 | | | |
|
| 检测结论 | | | |
| {{ts\_testbasicinfo.teststatus.hwg\_jxczsy}} | | | |
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| 1. **绝缘件局部放电测量{{^kgg\_jyjjbfdcl}}** | | | | | | | | | | |
| 环境温度(℃) | | {{ts\_testbasicinfo.temperature.kgg\_jyjjbfdcl}} | | | | 相对湿度(%) | | {{ts\_testbasicinfo.humidity.kgg\_jyjjbfdcl}} | | |
| 环境气压(kPa) | | {{ts\_testbasicinfo.airpressure.kgg\_jyjjbfdcl}} | | | | 检测日期 | | {{ts\_testbasicinfo.testdate.kgg\_jyjjbfdcl}} | | |
| 标准（委托要求） | | | | | | | | | | |
| 局部放电背景水平低于5pC；局部放电水平的最大值为3pC； | | | | | | | | | | |
| 检测用仪器仪表 | | | | | | | | | | |
| 序号 | 仪器的名称和型号 | | | | 编号和有效期 | | | | 准确级 |
| {{$v\_testinstrument\_gather.index\_.kgg\_jyjjbfdcl}} | {{v\_testinstrument\_gather.instrumentname.kgg\_jyjjbfdcl}} | | {{v\_testinstrument\_gather.instrumentcode.kgg\_jyjjbfdcl}} | | {{v\_testinstrument\_gather.instrumentnum.kgg\_jyjjbfdcl}} | | {{v\_testinstrument\_gather.expirydate.kgg\_jyjjbfdcl}} | | {{$v\_testinstrument\_gather.accuracyclass.kgg\_jyjjbfdcl}} |
| 检测数据 | | | | | | | | | | |
| 将检测电压升到1.3Ur，稳定10秒，降为1.1/√3Ur | | | | | | | | | | |
| 背景局放量（pC） | | | | <5 | | | | | | |
| 测量部位 | | | | 局部放电量(pC) | | | | | | |
| 绝缘件本体 | | | | {{jcyth\_dts\_kgg\_jyjjbfdcl.a\_pd}} | | | | | | |
| {{@jcyth\_dts\_kgg\_jyjjbfdcl.a\_pic-400-300}} | | | | | | | | | | |
| 检测结论 | | | | | | | | | | |
| {{ts\_testbasicinfo.teststatus.kgg\_jyjjbfdcl}} | | | | | | | | | | |

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| 1. **机械特性试验{{^hwg\_jxtxsy}}** | | | | | | | | | | | | | |
| 环境温度(℃) | | | {{ts\_testbasicinfo.temperature.hwg\_jxtxsy}} | | | | 相对湿度(%) | | | | {{ts\_testbasicinfo.humidity.hwg\_jxtxsy}} | | |
| 环境气压(kPa) | | | {{ts\_testbasicinfo.airpressure.hwg\_jxtxsy}} | | | | 检测日期 | | | | {{ts\_testbasicinfo.testdate.hwg\_jxtxsy}} | | |
| 标准（委托要求） | | | | | | | | | | | | | |
| 主要测量对象包括： 开断时间：≤60ms ;分闸时间：≤40ms; 合闸时间：≤60ms;合闸弹跳时间; ≤2ms | | | | | | | | | | | | | |
| 检测用仪器仪表 | | | | | | | | | | | | | |
| 序号 | 仪器的名称和型号 | | | | | 编号和有效期 | | | | | | | 准确级 |
| {{$v\_testinstrument\_gather.index\_.hwg\_jxtxsy}} | {{v\_testinstrument\_gather.instrumentname.hwg\_jxtxsy}} | | | {{v\_testinstrument\_gather.instrumentcode.hwg\_jxtxsy}} | | {{v\_testinstrument\_gather.instrumentnum.hwg\_jxtxsy}} | | | {{v\_testinstrument\_gather.expirydate.hwg\_jxtxsy}} | | | | {{$v\_testinstrument\_gather.accuracyclass.hwg\_jxtxsy}} |
| 检测数据 | | | | | | | | | | | | | |
| 1：分闸测试 | | | | | | | | | | | | | |
| 序号 | | 参数名称 | | | 单位 | | | A | | B | | C | |
| 1 | | 分闸时间 | | | ms | | | {{jcyth\_dts\_hwg\_jxtxsy.fz\_timea}} | | {{jcyth\_dts\_hwg\_jxtxsy.fz\_timeb}} | | {{jcyth\_dts\_hwg\_jxtxsy.fz\_timec}} | |
| 2 | | 分闸同期时间 | | | ms | | | {{jcyth\_dts\_hwg\_jxtxsy.fz\_tq\_time}} | | | | | |
| 2：合闸测试 | | | | | | | | | | | | | |
| 序号 | | 参数名称 | | | 单位 | | | A | | B | | C | |
| 1 | | 合闸时间 | | | ms | | | {{jcyth\_dts\_hwg\_jxtxsy.hz\_timea}} | | {{jcyth\_dts\_hwg\_jxtxsy.hz\_timeb}} | | {{jcyth\_dts\_hwg\_jxtxsy.hz\_timec}} | |
| 2 | | 弹跳时间 | | | ms | | | {{jcyth\_dts\_hwg\_jxtxsy.tt\_timea}} | | {{jcyth\_dts\_hwg\_jxtxsy.tt\_timeb}} | | {{jcyth\_dts\_hwg\_jxtxsy.tt\_timec}} | |
| 3 | | 合闸同期时间 | | | ms | | | {{jcyth\_dts\_hwg\_jxtxsy.hz\_tq\_time}} | | | | | |
| 检测结论 | | | | | | | | | | | | | |
| {{ts\_testbasicinfo.teststatus.hwg\_jxtxsy}} | | | | | | | | | | | | | |

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| 1. **柜体材质及厚度测量{{^hwg\_gtczjhdcl}}** | | | | | | |
| 环境温度(℃) | | {{ts\_testbasicinfo.temperature.hwg\_gtczjhdcl}} | 相对湿度(%) | | {{ts\_testbasicinfo.humidity.hwg\_gtczjhdcl}} | |
| 环境气压(kPa) | | {{ts\_testbasicinfo.airpressure.hwg\_gtczjhdcl}} | 检测日期 | | {{ts\_testbasicinfo.testdate.hwg\_gtczjhdcl}} | |
| 标准（委托要求） | | | | | | |
| 委托书要求 | | | | | | |
| 检测用仪器仪表 | | | | | | |
| 序号 | 仪器的名称和型号 | | | 编号和有效期 | | 准确级 |
| 1 | 手持式X射线荧光光谱仪 XL3t 980 | | | PW-21-09 2020-04-22 | | 5级 |
| 2 | 电子数显千分尺 （0-25）mm | | | PW-16-20 2020-08-15 | | 0.1级 |
| 检测数据 | | | | | | |
| 检测要求 | | | 结果 | | | |
| 柜体材质检查 | | | {{jcyth\_dts\_hwg\_gtczjhdcl.gtczjc}} | | | |
| 气箱材质 | | | {{jcyth\_dts\_hwg\_gtczjhdcl.qxcz}} | | | |
| 厚度检查 | | | {{jcyth\_dts\_hwg\_gtczjhdcl.hdjc}} | | | |
| 检测结论 | | | | | | |
| {{ts\_testbasicinfo.teststatus.hwg\_gtczjhdcl}} | | | | | | |

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| 1. **防护等级试验{{^jpg\_wkfhdjcs}}** | | | | | | | | |
| 环境温度(℃) | | {{ts\_testbasicinfo.temperature.jpg\_wkfhdjcs}} | | | 相对湿度(%) | | {{ts\_testbasicinfo.humidity.jpg\_wkfhdjcs}} | |
| 环境气压(kPa) | | {{ts\_testbasicinfo.airpressure.jpg\_wkfhdjcs}} | | | 检测日期 | | {{ts\_testbasicinfo.testdate.jpg\_wkfhdjcs}} | |
| 标准（委托要求） | | | | | | | | |
| 根据GB/T 4208-2017中规定的试验方法。 | | | | | | | | |
| 检测用仪器仪表 | | | | | | | | |
| 序号 | 仪器的名称和型号 | | | 编号和有效期 | | | | 准确级 |
| {{$v\_testinstrument\_gather.index\_.jpg\_wkfhdjcs}} | {{v\_testinstrument\_gather.instrumentname.jpg\_wkfhdjcs}} | | {{v\_testinstrument\_gather.instrumentcode.jpg\_wkfhdjcs}} | {{v\_testinstrument\_gather.instrumentnum.jpg\_wkfhdjcs}} | | {{v\_testinstrument\_gather.expirydate.jpg\_wkfhdjcs}} | | {{$v\_testinstrument\_gather.accuracyclass.jpg\_wkfhdjcs}} |
| 检测数据 | | | | | | | | |
| 防护等级 | | | | | 结果 | | | |
| {{jcyth\_dts\_jpg\_wkfhdjcs.wkfhdj}} | | | | | {{jcyth\_dts\_jpg\_wkfhdjcs.jg}} | | | |
| 检测结论 | | | | | | | | |
| {{ts\_testbasicinfo.teststatus.jpg\_wkfhdjcs}} | | | | | | | | |

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| 1. **电气联锁检查{{^kgg\_dqlsjc}}** | | | | | |
| 环境温度(℃) | | {{ts\_testbasicinfo.temperature.kgg\_dqlsjc}} | 相对湿度(%) | {{ts\_testbasicinfo.humidity.kgg\_dqlsjc}} | |
| 环境气压(kPa) | | {{ts\_testbasicinfo.airpressure.kgg\_dqlsjc}} | 检测日期 | {{ts\_testbasicinfo.testdate.kgg\_dqlsjc}} | |
| 标准（委托要求） | | | | | |
| GB/T 3906-2006 3.6kV～40.5kV交流金属封闭开关设备和控制设备、委托书要求 | | | | | |
| 检测数据 | | | | | |
| 序号 | 检测内容 | | | | 检测结果 |
|  | 接地装置处于合闸时，隔离开关、断路器等部件无法进行操作。 | | | | {{jcyth\_dts\_kgg\_dqlsjc.dqlsjc1}} |
|  | 接地装置处于分闸，隔离开关处于合闸时，断路器才能操作。 | | | | {{jcyth\_dts\_kgg\_dqlsjc.dqlsjc2}} |
|  | 断路器处于分闸时，才可进行隔离开关操作，且无法先进行接地装置操作。 | | | | {{jcyth\_dts\_kgg\_dqlsjc.dqlsjc3}} |
|  | 接地装置处于合闸时，负荷开关无法进行操作。 | | | | {{jcyth\_dts\_kgg\_dqlsjc.dqlsjc4}} |
|  | 接地装置处于分闸，电缆室门无法打开。 | | | | {{jcyth\_dts\_kgg\_dqlsjc.dqlsjc5}} |
| 检测结论 | | | | | |
| {{ts\_testbasicinfo.teststatus.kgg\_dqlsjc}} | | | | | |
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