



# 检测报告

## TEST REPORT

报告编号 150163110712

REPORT NO.

产品名称 Magnetic Latching Relay

NAME OF SAMPLE

委托单位 Guangxi Ramway Technology Development Co., Ltd.

CUSTOMER

检测类别 Entrusted Test

TEST CATEGORY

浙江方圆检测集团股份有限公司

ZHEJIANG FANGYUAN TEST GROUP CO., LTD.

浙江省低压电器产品质量检验中心

Inspection Center of Products' Quality of Low Voltage Electric Apparatus in Zhejiang Province

## 浙江省低压电器产品质量检验中心

Inspection Center of Products' Quality of Low Voltage Electric Apparatus in Zhejiang Province

检测报告  
TEST REPORT

样品名称 Name of Sample	Magnetic Latching Relay	检测类别 Test Category	Entrusted test
型号规格 Model 等级 Grade	DS908B /	商 标 Trademark	/
额定电流 Rated current	100A	额定电压 Rated voltage	AC250V
技术参数 Technical parameter	Single phase UC3 6.0kA/10ms Us:9VDC	频 率 Frequency	50Hz
生产日期 Date of Manufacture	/	批号或编号 Serial No.	/
委托单位(客户) 名称 Customer 地址 Address	Guangxi Ramway Technology Development Co., Ltd. No.9 Xingyu Road, Wuzhou Industrial Park, Guangxi (543000)	受检单位 Inspected Entity	/
抽样者 Sampling Organization	/	生产单位 Manufacturer	Guangxi Ramway Technology Development Co., Ltd.
抽样地点 Sample Location	/	抽样基数 Number of Samples	/
抽样日期 Sampling Date	/	抽样数量 Number of Sample(s) for Inspection	/
送样者 Sample(s) Deliverer	Guangxi Ramway Technology Development Co., Ltd.	到样数量 Receiving Number of Sample(s)	2 pcs
检测依据 Test Requirements	IEC60947-5-1、IEC62055-31 UC3 and the entrusted requirement		
样品描述、状态 Description and Condition of Sample(s)	Be fit for test		
检测日期 Test Date	July 22, 2015	检测地点 Test location	No. 400 Guangqiong Road, Jiaxing City
检测结论 Test Summary	The entrusted samples have been tested according to IEC60947-5-1、IEC62055-31 UC3 and the entrusted requirement. The test results of every test item comply with the requirements.  Test Seal Date of Approval: July 29, 2015		
备注 Remarks	/		

批准:  
Approved by

王同忠

审核:  
Verified by

3093

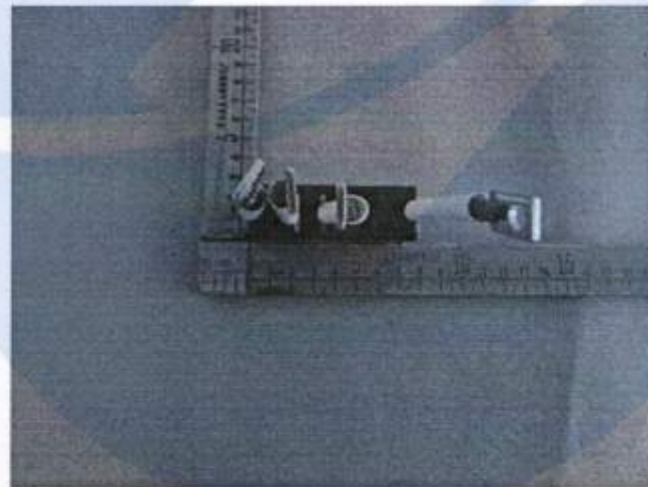
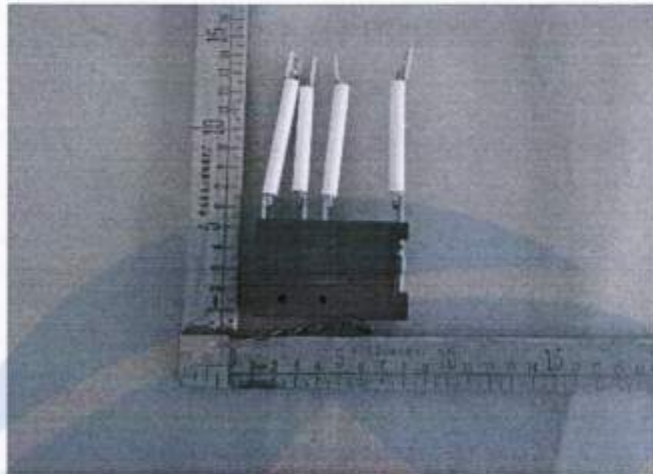
编制:  
Compiled by

李俊嘉

# 检 测 报 告

## TEST REPORT

样品外观及标识照片  
(Photo and Nameplate of the Inspected Sample(s))



检测报告的其它说明  
(Other Explanation of the Test Report)

**Test case verdicts:**

Test case does not apply to the test object: N/A

Test item does meet the requirement : P(pass)

Test item does not meet the requirement : F(fail)

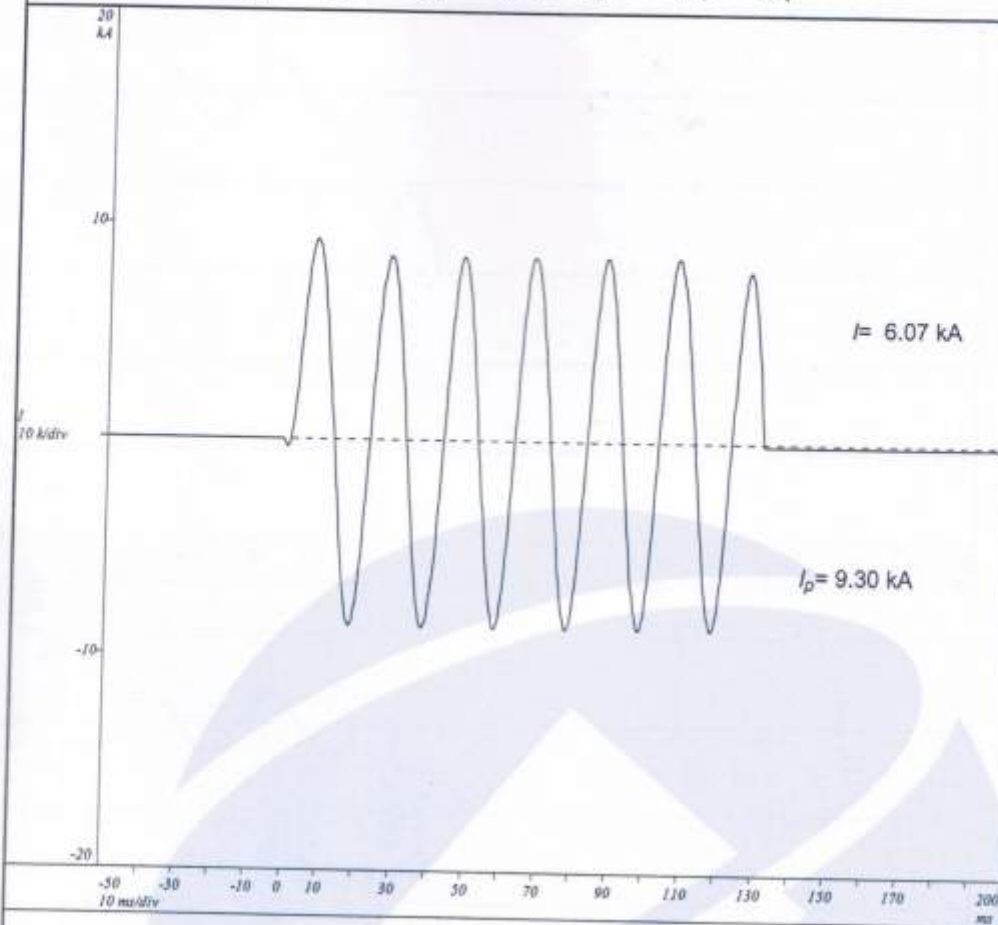






### 预期电流示波图

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预期电流示波图

$U = 252 \text{ V}$

$I = 6.07 \text{ kA}$

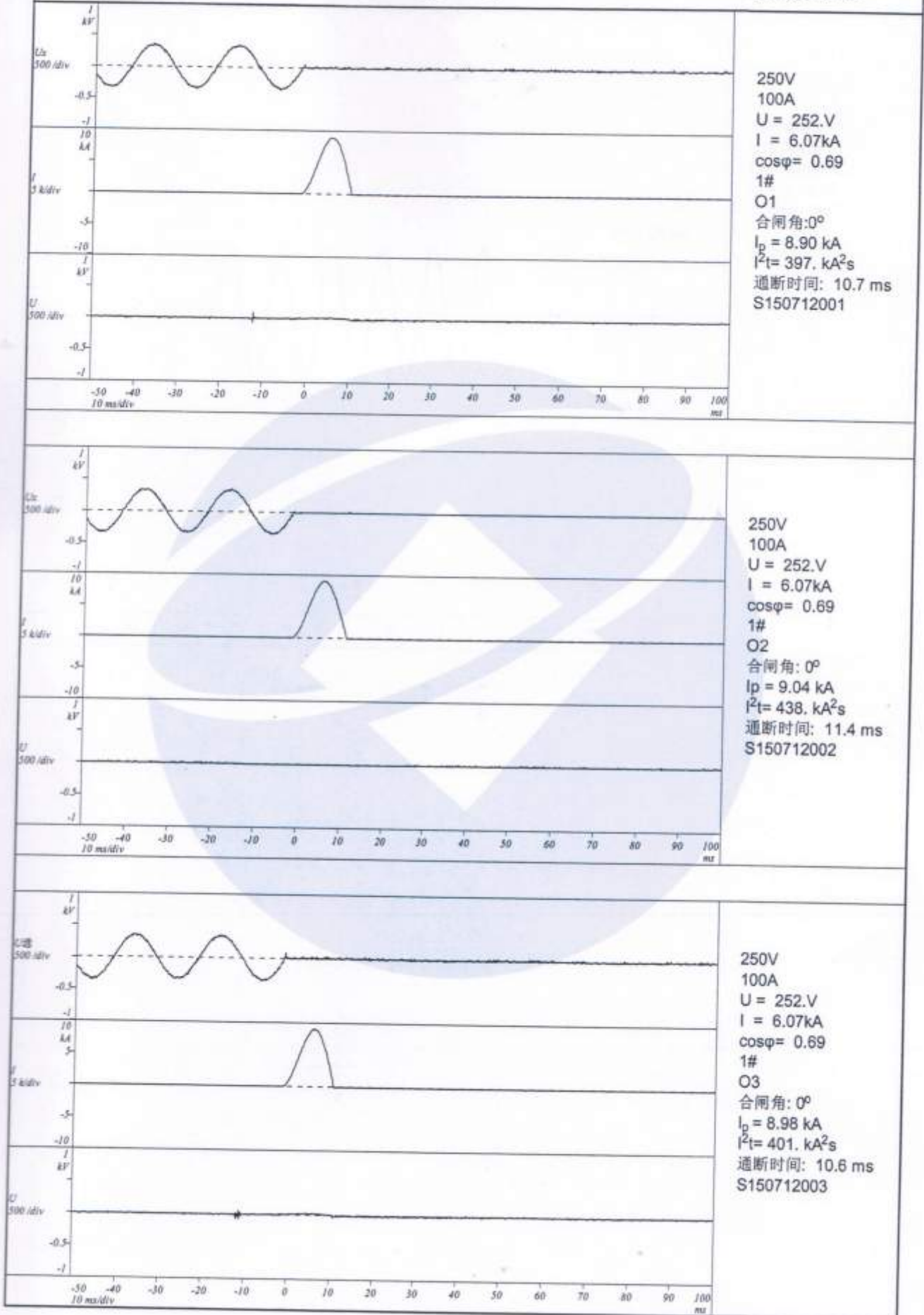
$I_p = 9.30 \text{ kA}$

$\cos\varphi = 0.69$

Y150712001

试验示波图

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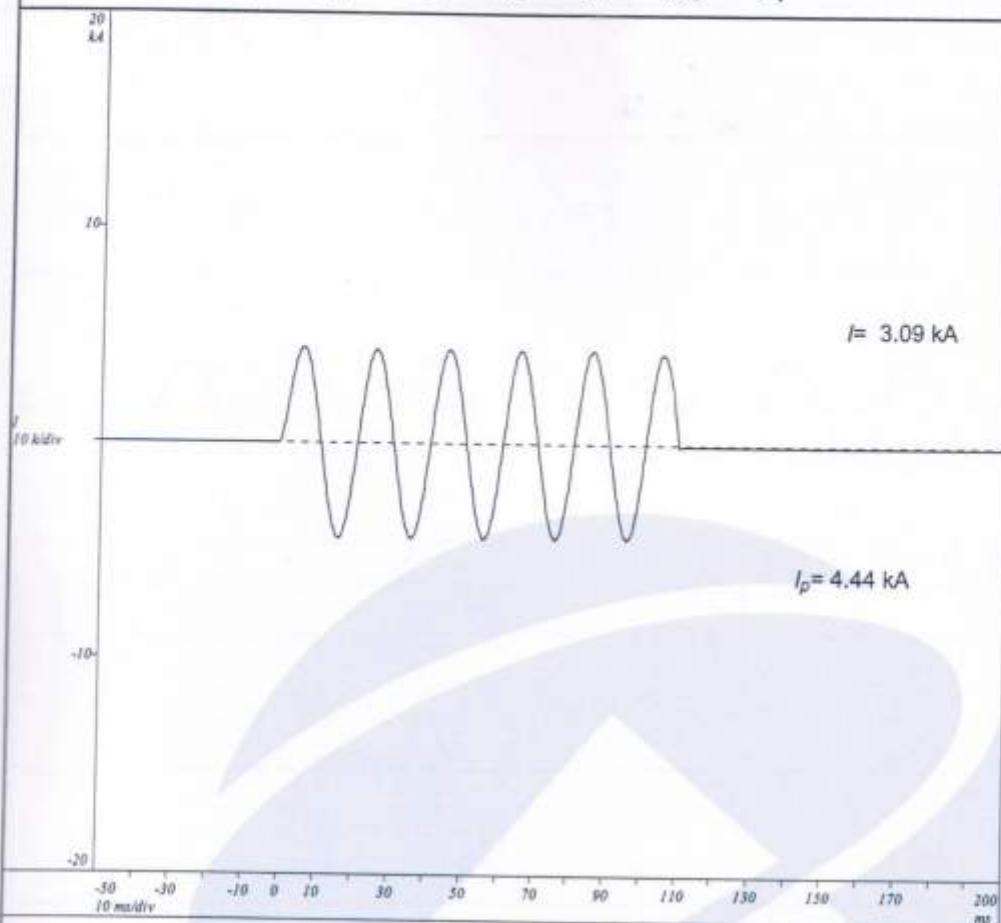
250V  
100A  
U = 252.V  
I = 6.07kA  
cosφ = 0.69  
1#  
O1  
合闸角: 0°  
I<sub>p</sub> = 8.90 kA  
I<sup>2</sup>t = 397. kA<sup>2</sup>s  
通断时间: 10.7 ms  
S150712001

250V  
100A  
U = 252.V  
I = 6.07kA  
cosφ = 0.69  
1#  
O2  
合闸角: 0°  
I<sub>p</sub> = 9.04 kA  
I<sup>2</sup>t = 438. kA<sup>2</sup>s  
通断时间: 11.4 ms  
S150712002

250V  
100A  
U = 252.V  
I = 6.07kA  
cosφ = 0.69  
1#  
O3  
合闸角: 0°  
I<sub>p</sub> = 8.98 kA  
I<sup>2</sup>t = 401. kA<sup>2</sup>s  
通断时间: 10.6 ms  
S150712003

### 预期电流示波图

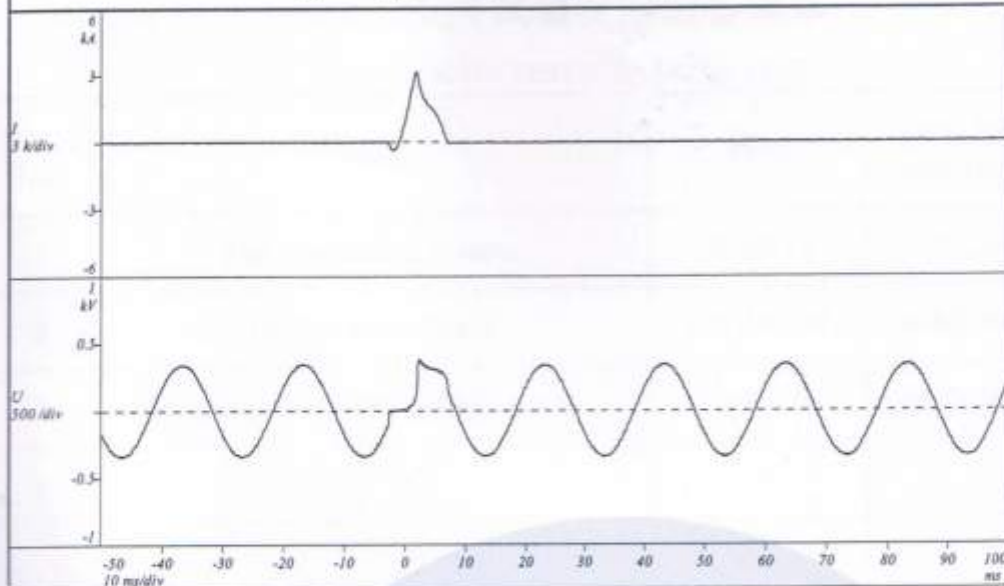
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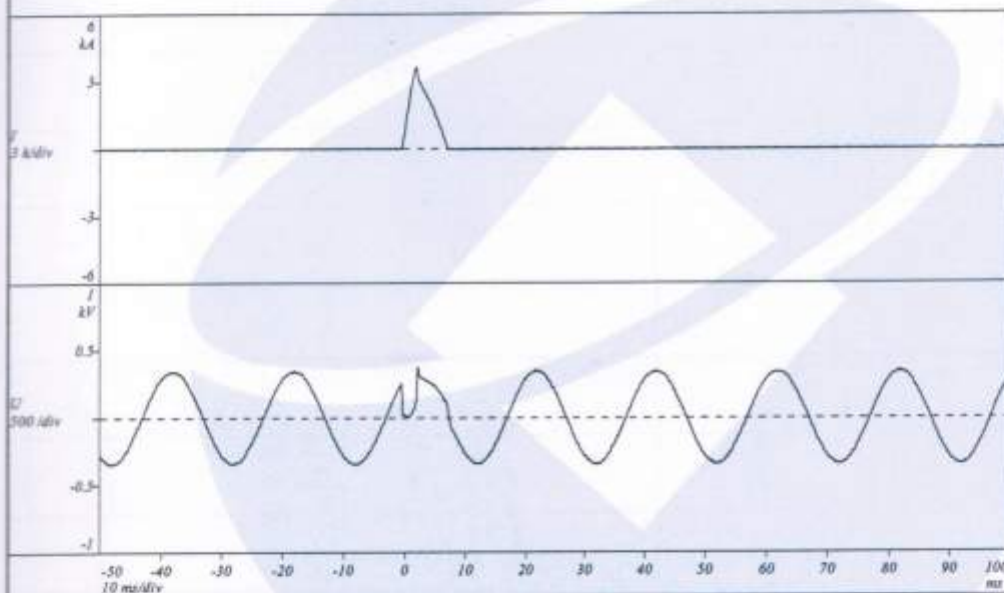
预期电流  
U = 252.V  
I = 3.09 kA  
Ip = 4.44 kA  
cosφ = 0.87  
Y150712002

试验示波图

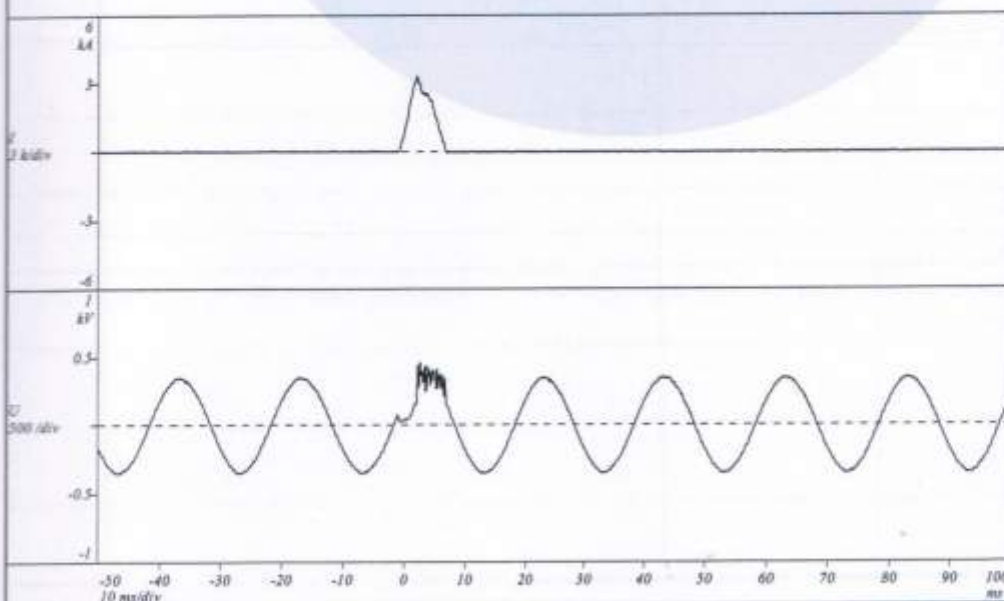
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$U_e : 250V$   
 $I_n : 100A$   
 $U = 252.V$   
 $I = 3.09kA$   
 $\cos\phi = 0.87$   
 2#  
 CO1  
 $I_p = 3.16 kA$   
 $I^2t = 23.5 kA^2s$   
 通断时间: 9.33 ms  
 燃弧时间: 4.79 ms  
 S150712004



$U_e : 250V$   
 $I_n : 100A$   
 $U = 252.V$   
 $I = 3.09kA$   
 $\cos\phi = 0.87$   
 2#  
 CO2  
 $I_p = 3.61 kA$   
 $I^2t = 33.6 kA^2s$   
 通断时间: 7.08 ms  
 燃弧时间: 4.98 ms  
 S150712005



$U_e : 250V$   
 $I_n : 100A$   
 $U = 252.V$   
 $I = 3.09kA$   
 $\cos\phi = 0.87$   
 2#  
 CO3  
 $I_p = 3.32 kA$   
 $I^2t = 31.6 kA^2s$   
 通断时间: 6.95 ms  
 燃弧时间: 4.59 ms  
 S150712006

