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中国认可
国际互认
检测
TESTING
CNAS L0116

检测报告

TEST REPORT

报告编号 1916332194
REPORT NO.

产品名称 Magnetic Latching Relay
NAME OF SAMPLE

型号规格 DS903C-100A
MODEL

委托单位 Guangxi Ramway Technology Co.,Ltd
CUSTOMER

生产单位 Guangxi Ramway Technology Co.,Ltd
MANUFACTURER

检测类别 Entrusted Test
TEST CATEGORY

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	DS903C-100A	商 标 Trademark	睿 奕
等 级 Grade	/		
额定电流 Rated current	100A	额定电压 Rated Voltage	AC250V
技术参数 Technical parameter	UsDC12V UC3	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 联络信息 Contact Informatica	Guangxi Ramway Technology Co.,Ltd No.9, Xingyu Road, High-Tech Zone 54300 Wuzhou, Guangxi PEOPLE'S REPUBLIC OF CHINA	受检单位 Inspected Entity	/
		生产单位 Manufacturer	Guangxi Ramway Technology Co.,Ltd
抽样者 Sampling Organization	/	抽样基数 Number of Samples	/
抽样位置 Sample Location	/	抽样数量 Number of Sample(s) for Inspection	/
抽样日期 Sampling Date	/	到样数量 Receiving Number of Sample(s)	2 pcs
送样者 Sample(s) Deliverer	Guangxi Ramway Technology Co.,Ltd	到样日期 Receiving Date of Sample(s)	Nov. 14 th , 2019
检测依据 Test Requirements	IEC 62055-31:2005 《Electricity metering - Payment systems - Part 31: Particular requirements - Static payment meters for active energy (classes 1 and 2)》		
判定依据 Decision Criteria	/		
样品描述、状态 Description and Condition of Sample(s)	Be fit for test		
检测日期 Test Date	Nov. 19 th , 2019	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 IEC 62055-31:2005《Electricity metering - Payment systems - Part 31: Particular requirements - Static payment meters for active energy (classes 1 and 2)》. Test items are on page 3, Provide measured data. (盖 章) Test Seal 批准日期: Nov. 27th, 2019 Date of Approval		
备 注 Remarks	/		

批 准: 王同忠
Approved by

审 核: [Signature]
Verified by

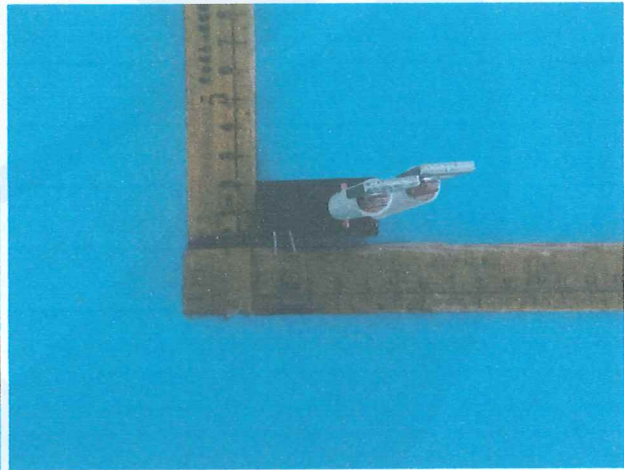
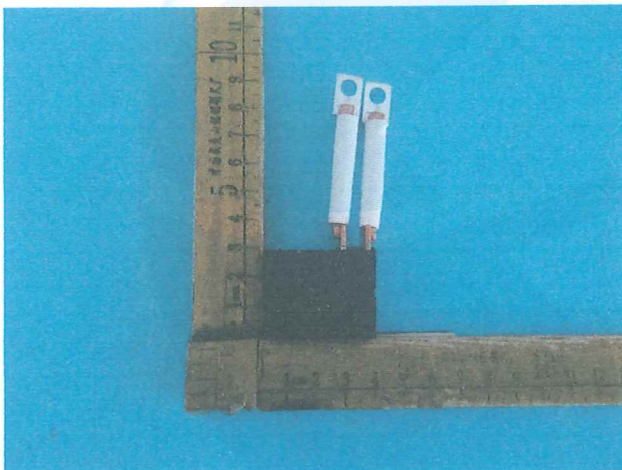
编 制: 甘佳桢
Compose

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)

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检测报告

TEST REPORT

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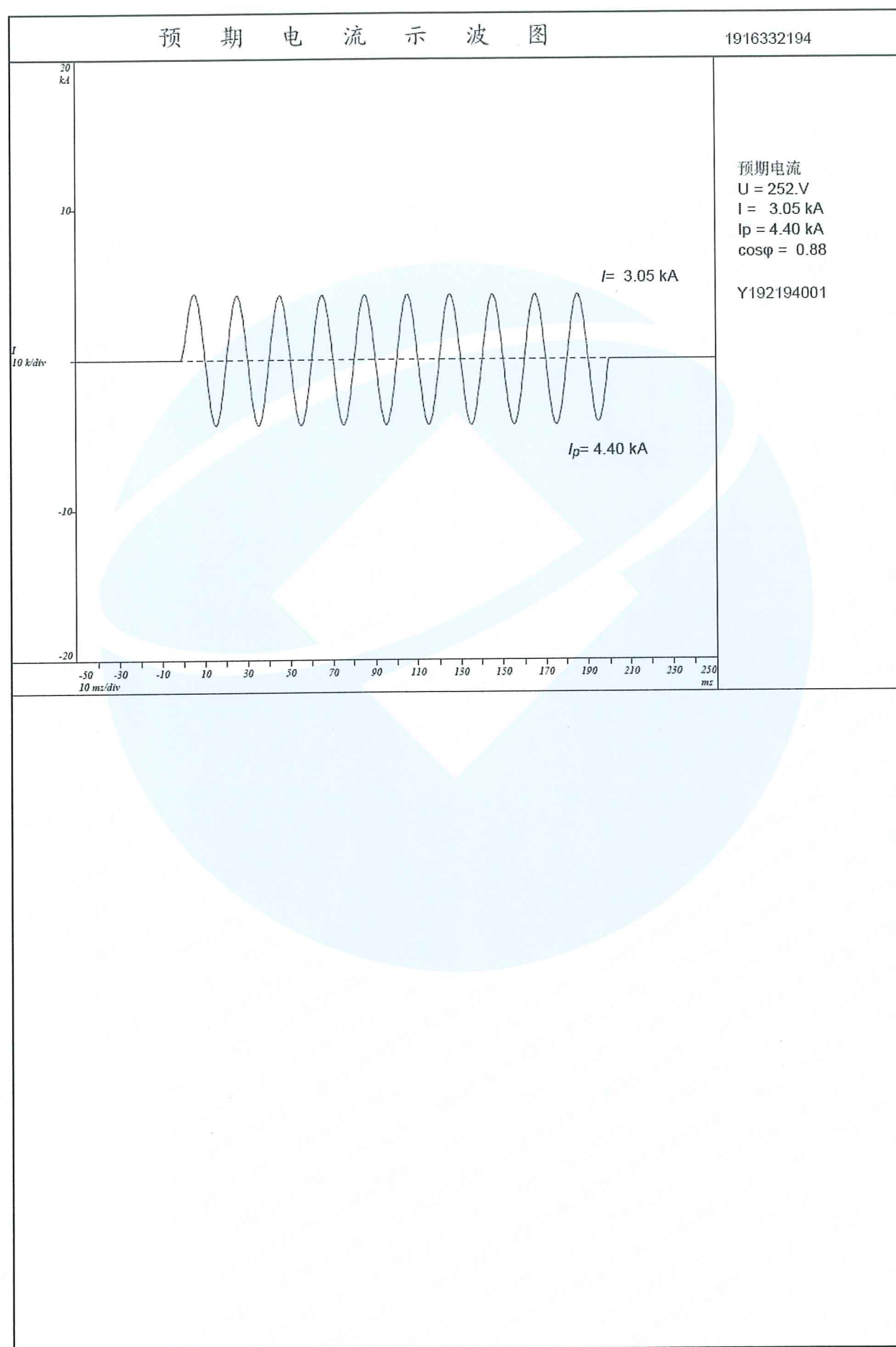
检 测 报 告

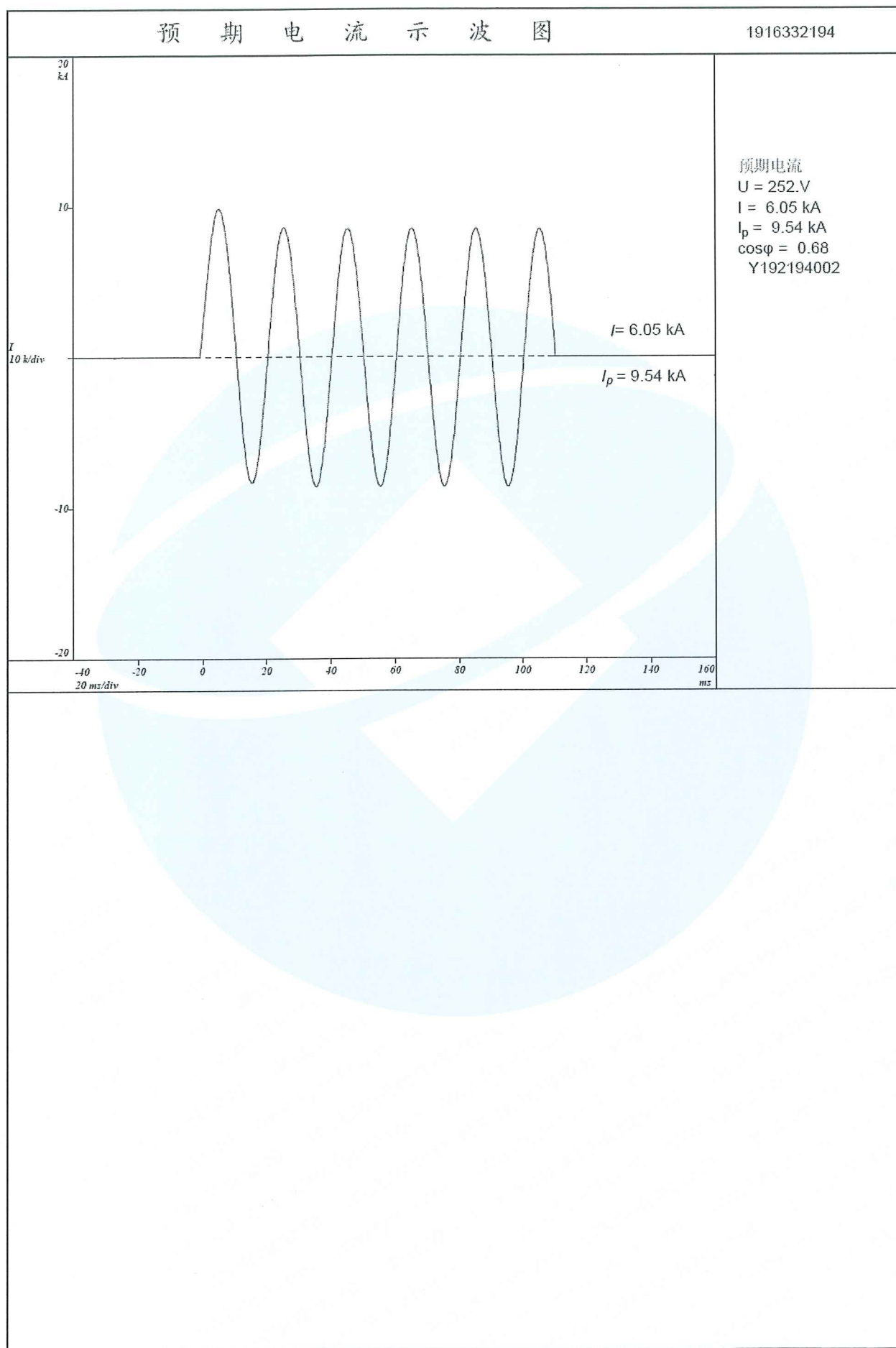
TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation	Conclusion
		1#	
C.5	Fault current making capacity Test voltage (r.m.s.): $250 \pm 5\%$ (V) Test current (r.m.s.): $3.00^{+5\%}$ (kA) cos ϕ : 0.90 _{-0.05} Control voltage: DC12V Conductor: 35×1 (mm ² × m) Specification of SCPD: Test sequence: “CO ” 3 times Interval: ≥ 1 min Screw: M5 Tightening torque: 2.0N · m I _p max (kA) I ² t max (kA ² s) Duration: max (ms) Arcing time: max (ms) Acceptance criteria: There shall be no signs of sticking or welding of contacts; There shall be no signs of burning or smoking of the enclosure and the conductors; The surroundings of the payment meter shall not be endangered. Serial No. of the oscillogram of the prospective current: Serial No. of the oscillograms:	252 3.05 0.88 DC12V 35 × 1 125A CBO 3 3 M5 2.0 3.74 51.6 12.1 4.16 no signs no signs No Y192194001 S192194001~S192194003	provide the measured data

检测报告
TEST REPORT

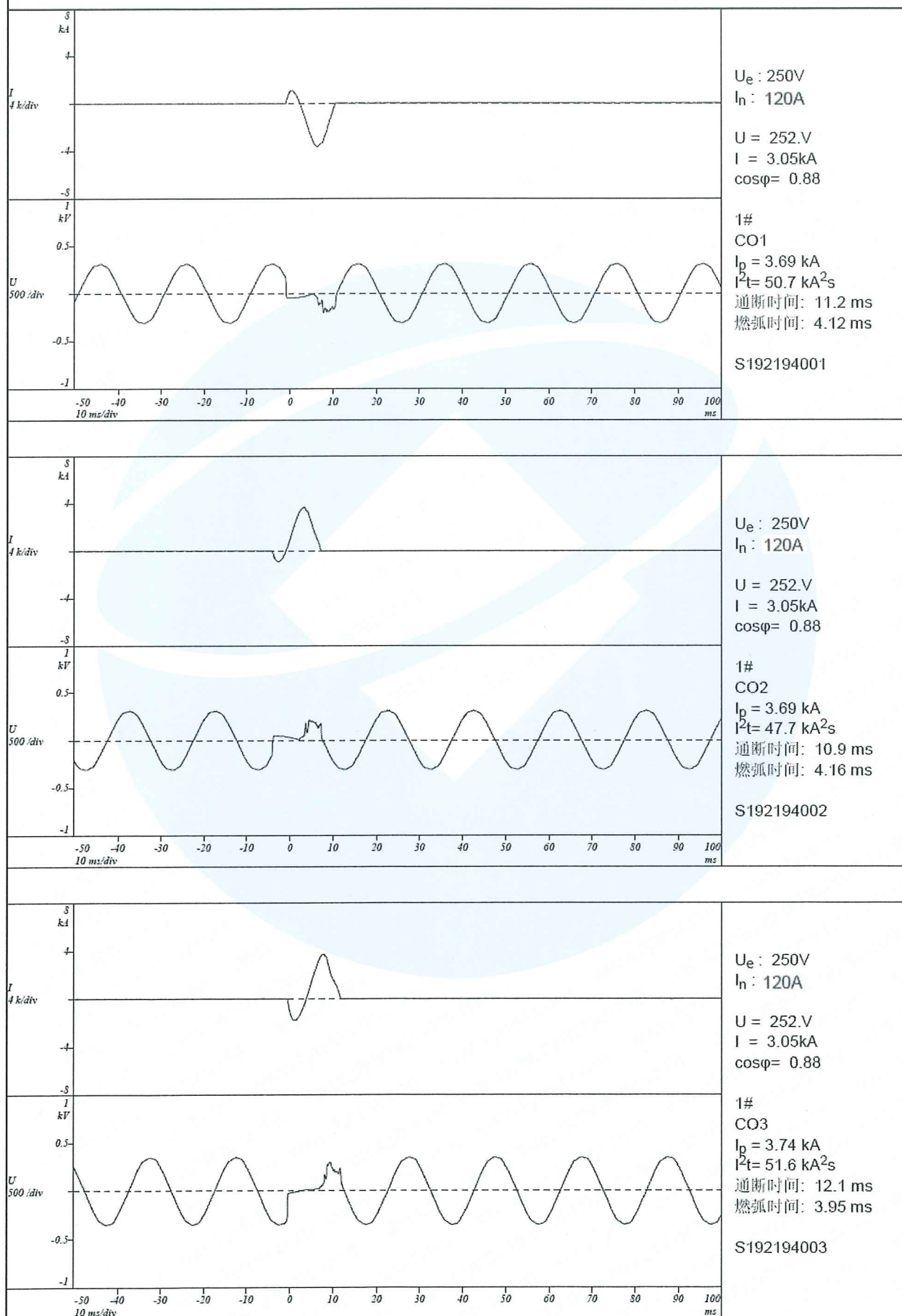
Clause	Test items and test requirements	Result of measurement or observation	Conclusion
		2#	
C.6	Short-circuit current carrying capacity (Test 1)		provide the measured data
	Test voltage (r.m.s.): $250 \pm 5\%$ (V)	252	
	Test current (r.m.s.): $6.00^{+5\%}$ (kA)	6.05	
	cosφ: $0.70_{-0.05}$	0.68	
	Control voltage: DC12V	DC12V	
	Conductor: 35×1 (mm ² × m)	35×1	
	Make time: one half cycle		
	Test sequence: O-t-O-t-O		
	Interval: ≥ 1 min	1	
	Screw: M5	M5	
	Tightening torque: 2.0N · m	2.0	
	I _p max (kA)	9.38	
	I ² t max (kA ² s)	470	
	Duration: max (ms)	11.0	
	Acceptance criteria:		
	It is permissible that the contacts may weld or burn away;	no signs	
	The sample shall show no signs of explosion or burning;	no signs	
	The surroundings of the payment meter shall not be endangered.	No	
	Serial No. of the oscillogram of the prospective current:	Y192194002	
	Serial No. of the oscillograms:	S192194004~S192194006	





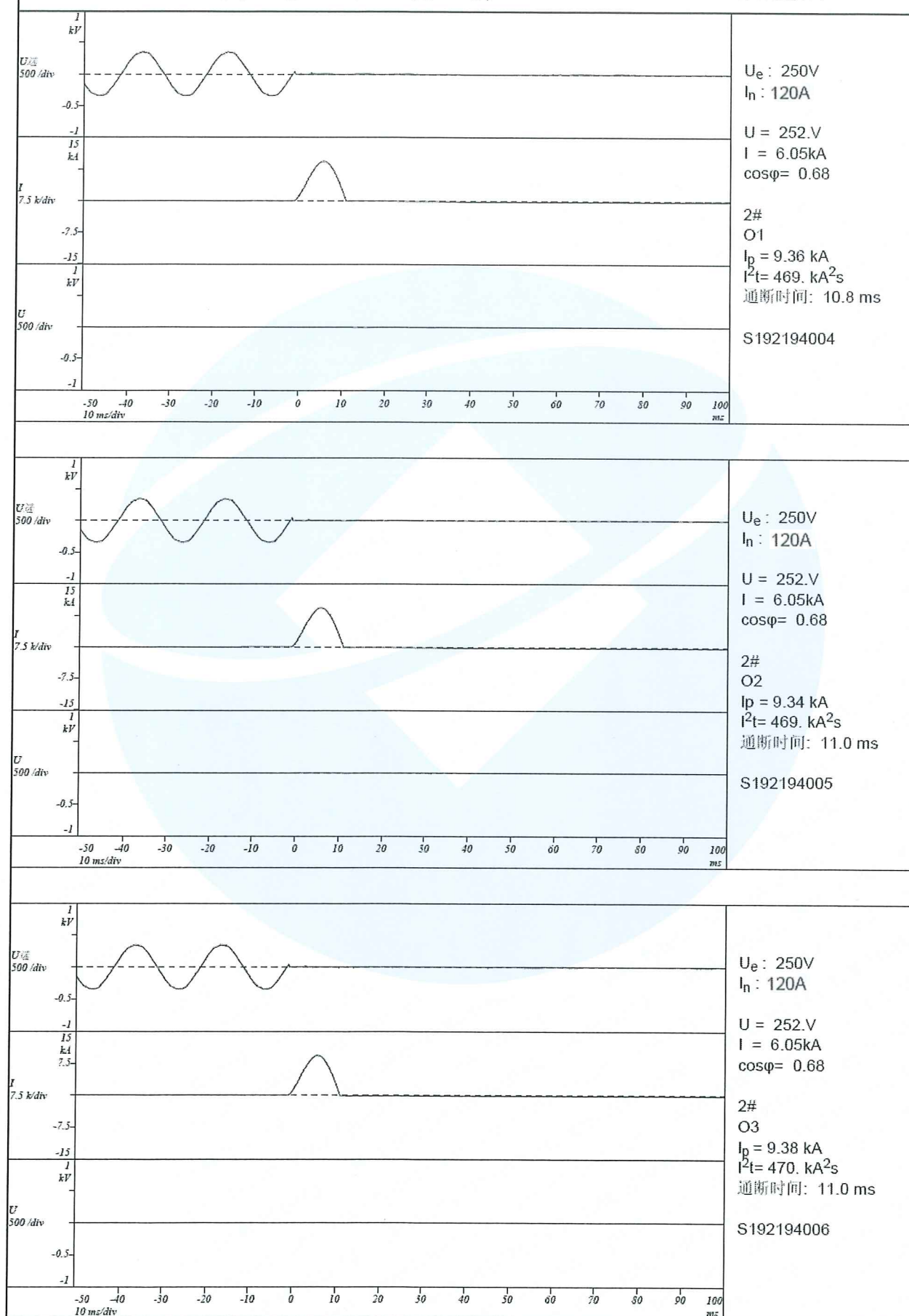
试验示波图

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试验示波图

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MAIN TEST APPARATUS LIST

[illegible]

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