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(2016)(浙)质监验字0161号



中国认可
国际互认
检测
TESTING
CNAS L0116

检测报告

TEST REPORT

报告编号 1716330108

REPORT NO.

产品名称 Latching Relay

NAME OF SAMPLE

委托单位 Bolta Electric (Shenzhen) 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

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检测报告

TEST REPORT

样品名称 Name of Sample	Latching Relay		检测类别 Test Category	Entrusted test
型号规格 Model 等级 Grade	BDJ007-100A-009-3X /		商 标 Trademark	/
额定电流 Rated current	100A		额定电压 Rated voltage	AC250V
技术参数 Technical parameter	Us:9~20VDC UC3 3P		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	Bolta Electric (Shenzhen) Co.,Ltd 6F,No.150,East Zone, Guanglong Village, Nanshan District, Shenzhen City, Guangdong, China		受检单位 Inspected Entity	/
			生产单位 Manufacturer	Bolta Electric (Shenzhen) Co.,Ltd
抽样者 Sampling Organization	/		抽样基数 Number of Samples	/
抽样地点 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)	4 pcs
送样者 Sample(s) Deliverer	Bolta Electric (Shenzhen) Co.,Ltd		到样日期 Receiving Date of Sample(s)	March 28,2017
检测依据 Test Requirements	JB/T10923-2010 and the entrusted requirements (IEC62055-31:2005)			
样品描述、状态 Description and Condition of Sample(s)	Be fit for test			
检测日期 Test Date	From March 28,2017 To April 05,2017		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 JB/T10923-2010 and the entrusted requirements (IEC62055-31:2005). The test results of every test item comply with the requirements. Test Seal Date of Approval: April 12,2017			
备 注 Remarks	/			

批 准: 王同忠
Approved by

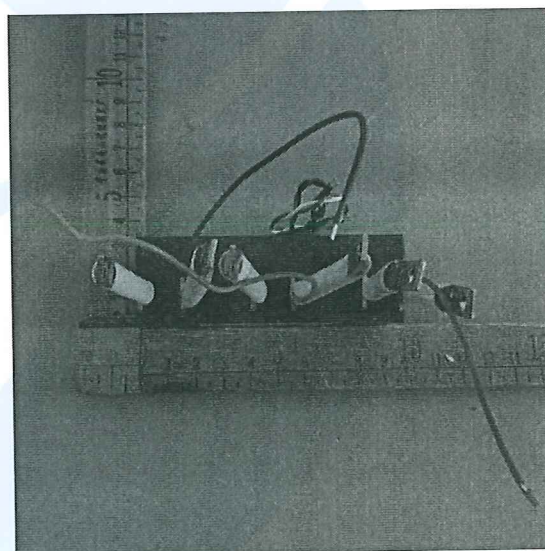
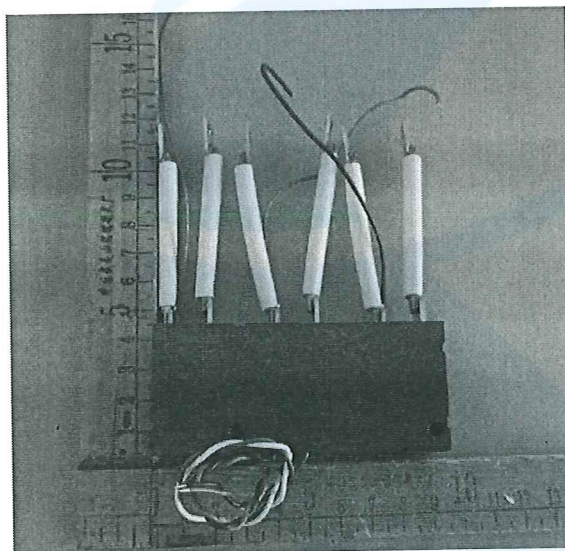
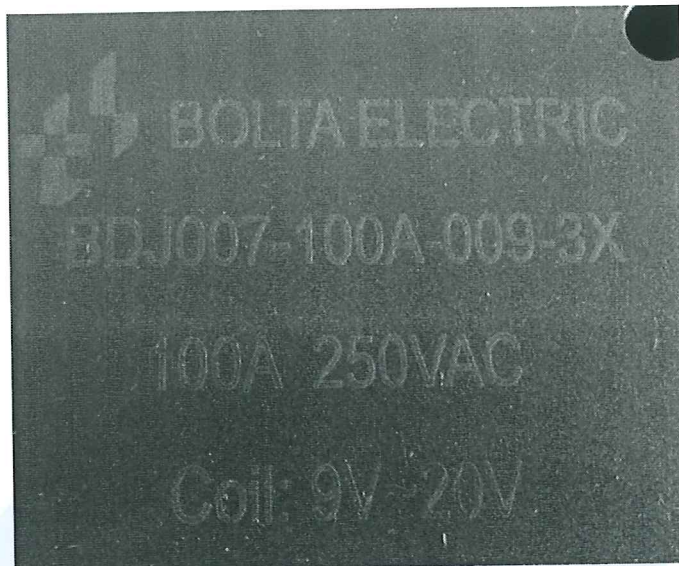
审 核: 王同忠
Verified by

编 制: 王同忠
Complied by

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)

检 测 报 告

TEST REPORT

序号 Series Number	检测项目 Test Items	依据标准条款 Clause of standard	样品编号 Serial No. of samples	单项结论 Item Conclusion
1	Electrical endurance	JB/T10923-2010 6.2.5.1 IEC62055-31 C.3	1#	P
2	Minimum switched current	IEC62055-31 C.7		
3	Power consumption	JB/T10923-2010 6.2.2.3 IEC62055-31 7.3		
4	Dielectric properties	JB/T10923-2010 6.2.2.4 IEC62055-31 C.8		
5	Short-circuit current carrying capacity (Test 1)	JB/T10923-2010 6.2.4.4 IEC62055-31 C.6	2#	P
6	Minimum switched current	IEC62055-31 C.7		
7	Power consumption	JB/T10923-2010 6.2.2.3 IEC62055-31 7.3		
8	Dielectric properties	JB/T10923-2010 6.2.2.4 IEC62055-31 C.8		
Note.: The serial numbers of samples (1#、2#、3#...) in this page and in this text report stand for the serial numbers on the tested samples (1716330108- 1#、1716330108- 2#、1716330108- 3#...).				

检 测 报 告

TEST REPORT

序号 Series Number	检测项目 Test Items	依据标准条款 Clause of standard	样品编号 Serial No. of samples	单项结论 Item Conclusion
9	Short-circuit current carrying capacity (Test 2)	JB/T10923-2010 6.2.4.4 IEC62055-31 C.6	3#	P
10	Minimum switched current	IEC62055-31 C.7		
11	Power consumption	JB/T10923-2010 6.2.2.3 IEC62055-31 7.3		
12	Dielectric properties	JB/T10923-2010 6.2.2.4 IEC62055-31 C.8		
13	Normal operation	IEC62055-31 C.2	4#	P
14	Line to load voltage surge withstand	JB T10923-2010 6.2.4.3 IEC62055-31 C.4		
15	Fault current making capacity	JB T10923-2010 6.2.4.4 IEC62055-31 C.5		
16	Minimum switched current	IEC62055-31 C.7		
17	Power consumption	JB/T10923-2010 6.2.2.3 IEC62055-31 7.3		
18	Dielectric properties	JB/T10923-2010 6.2.2.4 IEC62055-31 C.8		
Note.: The serial numbers of samples (1#、2#、3#...) in this page and in this text report stand for the serial numbers on the tested samples (1716330108- 1#、1716330108- 2#、1716330108- 3#...).				

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation	Conclusion
		1#	
JB/T10923-2010 6.2.5.1 IEC62055-31 C.3	Electrical endurance Make and break: a sequence Test voltage (r.m.s.): $250^{+5\%}$ (V) Test current (r.m.s.): $100^{+5\%}$ (A) cosφ: $1.00_{-0.05}$ Number of operating cycles: 5000 Make time: 10s Break time: 20s b sequence Test voltage (r.m.s.): $250^{+5\%}$ (V) Test current (r.m.s.): $100^{+5\%}$ (A) cosφ: 0.5 ± 0.05 Number of operating cycles: 5000 Make time: 10s Break time: 20s Conductor : 35×1 ($\text{mm}^2 \times \text{m}$) Control voltage: DC12V Acceptance criteria: 1) the sample shall show no signs of malfunction, sticking of contacts or reluctance to latch; 2) the contacts shall open on the first attempt Serial No. of oscillograms:	252 102 1.0 5000 10s 20s 252 103 0.51 5000 10s 20s 35×1 12 No signs Complied S170108901 ~ S170108906	P

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation			Conclusion			
IEC62055-31 C.7	Minimum switched current Test voltage (r.m.s.): 250 ^{+5%} (V) Test current (r.m.s.): 1 ^{+5%} (A) cosφ: 1.0 _{-0.05} Number of operating cycles: 10 Make time: 10s+5% Break time: 10s Conductor: 1 × 1 (mm ² × m) Control voltage: DC12V Acceptance criteria: 1) Test current shall successfully conduct each time the contacts are in the closed position; 2) Test current shall successfully break each time the contacts are in the open position	1#			P			
		252						
		1.02						
		1.0						
		10						
		10s						
		10s						
		1 × 1						
		12						
		Complied						
		Complied						
		JB/T10923-2010 6.2.2.3 IEC62055-31 7.3	Power consumption Test current: 10A Conductor: 1.5 × 1 (mm ² ×m) Measurement of power consumption: Test position: main circuit Incoming terminal - outgoing terminal Voltage-drop (mV) Power consumption (W) ≤ 0.08%UeIn	10.2			P	
				1.5 × 1				
A	B			C				
22.1	23.8			23.0				
0.225	0.243			0.234				

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation	Conclusion
JB/T10923-2010 6.2.2.4 IEC62055-31 C.8	Dielectric properties	1#	P
	Dielectric strength		
	1). Measuring insulation resistance		
	Test position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal: $\geq 10 \text{ M}\Omega$	$> 500 \text{ M}\Omega$	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure: $\geq 10 \text{ M}\Omega$	$> 500 \text{ M}\Omega$	
	2). Impulse withstand voltage test		
	Ambient temperature: $^{\circ}\text{C}$	18.5	
	Impulse voltage:		
	In the open position 1: 2000V	2000	
	In the closed position 2: 2000V	2000	
	Impulse voltage wave : 1.2/50 μs		
	Interval: $\geq 1\text{s}$	10	
	Test times:: 3 times for the positive and negative polarity each.		
	Applied position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal;	No unintentional disruptive discharges	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure;	No unintentional disruptive discharges	
	3) Power frequency withstand voltage test		
	Ambient temperature: $^{\circ}\text{C}$	18.5	
	Test voltage:		
	In the open position 1 1000V	1000	
	In the closed position 2 1000V	1000	
	Time of applying voltage: 1min	1	
	Applied position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal;	No flashover or puncture	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure;	No flashover or puncture	

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation	Conclusion
JBT10923 -2010 6.2.4.4 IEC62055 -31 C.6	Performance under conditional short-circuit current Pre-operation of carrying Test voltage (r.m.s.): $250 \pm 5\%$ (V) Test current (r.m.s.): $100^{+5\%}$ (A) $\cos\phi$: 1.0 Conductor: 35×1 (mm ² × m) Number of operating cycles: 3 Make time: 5s Break time: 5s The sample shall show no signs of malfunction, sticking or welding of contacts or reluctance to latch; Serial No. of the oscillograms: Short-circuit current carrying capacity (Test 1) Test voltage (r.m.s.): $250 \pm 5\%$ (V) Test current (r.m.s.): $6^{+5\%}$ (kA) $\cos\phi$: $0.70_{-0.05}$ Control voltage: DC12V Conductor: 35×1 (mm ² × m) Electrical angle: 0° Make time: one half cycle Test sequence: O-t-O-t-O Interval: $t \geq 1$ min Screw: M4 Tightening torque: 1.2N · m I _p max (kA) I ² t max (kA ² s) Duration: max (ms) Acceptance criteria: (1) It is permissible that the contacts may weld or burn away; (2) The sample shall show no signs of explosion or burning; (3) The surroundings of the payment meter shall not be endangered; Serial No. of the oscillogram of the prospective current: Serial No. of the oscillograms:	2#	P
		252 102 1.0 35 × 1 3 No signs S170108907 ~ S170108909 252 6.07 0.68 12 35 × 1 0° 1 M4 1.2 9.15 449 11.5 No No signs No Y170108001 S170108001 ~ S170108003	

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation			Conclusion			
IEC62055 -31 C.7	Minimum switched current Test voltage (r.m.s.): 250 ^{+5%} (V) Test current (r.m.s.): 1 ^{+5%} (A) cosφ: 1.0 _{-0.05} Number of operating cycles: 10 Make time: 10s ^{+5%} Break time: 10s Conductor: 1 × 1 (mm ² × m) Control voltage: DC12V Acceptance criteria: 1) Test current shall successfully conduct each time the contacts are in the closed position; 2) Test current shall successfully break each time the contacts are in the open position.	2#			P			
		252						
		1.02						
		1.0						
		10						
		10s						
		10s						
		1 × 1						
		12						
		Complied						
		Complied						
		JBT10923 -2010 6.2.2.3 IEC62055 -31 7.3	Power consumption Test current: 10A Conductor: 1.5 × 1 (mm ² ×m) Measurement of power consumption: Test position: main circuit Incoming terminal -outgoing terminal Voltage-drop (mV) Power consumption (W) ≤ 0.08%UeIn	10.2			P	
				1.5 × 1				
A	B			C				
24.8	26.3			25.1				
0.253	0.268			0.256				

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation	Conclusion
JB/T10923-2010 6.2.2.4 IEC62055-31 C.8	Dielectric properties	2#	P
	Dielectric strength		
	1). Measuring insulation resistance		
	Test position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal: $\geq 10 \text{ M}\Omega$	$> 500 \text{ M}\Omega$	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure: $\geq 10 \text{ M}\Omega$	$> 500 \text{ M}\Omega$	
	2). Impulse withstand voltage test		
	Ambient temperature: $^{\circ}\text{C}$	18.5	
	Impulse voltage:		
	In the open position 1: 2000V	2000	
	In the closed position 2: 2000V	2000	
	Impulse voltage wave : 1.2/50 μs		
	Interval: $\geq 1\text{s}$	10	
	Test times:: 3 times for the positive and negative polarity each.		
	Applied position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal;	No unintentional disruptive discharges	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure;	No unintentional disruptive discharges	
	3) Power frequency withstand voltage test		
	Ambient temperature: $^{\circ}\text{C}$	18.5	
	Test voltage:		
	In the open position 1 1000V	1000	
	In the closed position 2 1000V	1000	
	Time of applying voltage: 1min	1	
	Applied position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal;	No flashover or puncture	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure;	No flashover or puncture	

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation	Conclusion
JB/T10923-2010 6.2.4.4 IEC62055-31 C.6	Pre-operation of carrying Test voltage (r.m.s.): $250 \pm 5\%$ (V) Test current (r.m.s.): $100^{+5\%}$ (A) $\cos\varphi$: $1.0_{-0.05}$ Conductor: 35×1 (mm² × m) Number of operating cycles: 3 Make time: 5s , Break time: 5s The sample shall show no signs of malfunction, sticking or welding of contacts or reluctance to latch; Serial No. of the oscillograms: Short-circuit current carrying capacity (Test 2) Test voltage (r.m.s.): $250 \pm 5\%$ (V) Test current (r.m.s.): $3^{+5\%}$ (kA) $\cos\varphi$: $0.90_{-0.05}$ Control voltage: DC12V Conductor: 35×1 (mm² × m) Electrical angle: 0° Test sequence: O-t-O-t-O Make time: one half cycle Interval: $t \geq 1$min Screw: M4 Tightening torque: 1.2N · m I_p max (kA) I^2t max (kA²s) Duration: max (ms) Acceptance criteria: 1) There shall be no signs of sticking or welding of contacts; 2) There shall be no signs of burning or smoking of the enclosure and the conductors; 3) The surroundings of the payment meter shall not be endangered; Cooling the sample for more than 5 min after the test, the sample shall operate normally when applying the control voltage. Serial No. of the oscillogram of the prospective current: Serial No. of the oscillograms:	3#	P
		252 102 1.0 35×1 3 No signs S170108910 ~ S170108912 252 3.05 0.88 12 35×1 0° 1 M4 1.2 4.33 96.7 10.7 No signs No signs No Complied Y170108002 S170108004 ~ S170108006	

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation			Conclusion
IEC62055-31 C.7	Minimum switched current Test voltage (r.m.s.): $250^{+5\%}$ (V) Test current (r.m.s.): $1^{+5\%}$ (A) $\cos\phi$: $1.0_{-0.05}$ Number of operating cycles: 10 Make time: $10s^{+5\%}$ Break time: 10s Conductor: 1×1 ($\text{mm}^2 \times \text{m}$) Control voltage: DC12V Acceptance criteria: 1) Test current shall successfully conduct each time the contacts are in the closed position; 2) Test current shall successfully break each time the contacts are in the open position	3#			P
		252			
		1.02			
		1.0			
		10			
		10s			
		10s			
		1×1			
		12			
		Complied			
		Complied			
		JB/T10923-2010 6.2.2.3 IEC62055-31 7.3	Power consumption Test current: 10A Conductor: 1.5×1 ($\text{mm}^2 \times \text{m}$) Measurement of power consumption: Test position: main circuit Incoming terminal - outgoing terminal Voltage-drop (mV) Power consumption (W) $\leq 0.08\%U_eI_n$	10.2	
1.5×1					
A	B			C	
23.9	25.4			25.8	
0.244	0.259			0.263	

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation	Conclusion
JB/T10923-2010 6.2.2.4 IEC62055-31 C.8	Dielectric properties	3#	P
	Dielectric strength		
	1). Measuring insulation resistance		
	Test position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal: $\geq 10 \text{ M}\Omega$	$> 500 \text{ M}\Omega$	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure: $\geq 10 \text{ M}\Omega$	$> 500 \text{ M}\Omega$	
	2). Impulse withstand voltage test		
	Ambient temperature: $^{\circ}\text{C}$	18.5	
	Impulse voltage:		
	In the open position 1: 2000V	2000	
	In the closed position 2: 2000V	2000	
	Impulse voltage wave : 1.2/50 μs		
	Interval: $\geq 1\text{s}$	10	
	Test times:: 3 times for the positive and negative polarity each.		
	Applied position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal;	No unintentional disruptive discharges	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure;	No unintentional disruptive discharges	
	3) Power frequency withstand voltage test		
	Ambient temperature: $^{\circ}\text{C}$	18.5	
	Test voltage:		
	In the open position 1 1000V	1000	
	In the closed position 2 1000V	1000	
	Time of applying voltage: 1min	1	
	Applied position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal;	No flashover or puncture	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure;	No flashover or puncture	

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation	Conclusion
IEC62055 -31 C.2	Normal operation Test voltage (r.m.s.): $250^{+5\%}$ (V) Test current (r.m.s.): $100^{+5\%}$ (A) cosφ: $1.0_{-0.05}$ Number of operating cycles: 3 Conductor: 35×1 (mm ² × m) Control voltage: DC12V×80% The sample shall operate normally. Serial No. of the oscillograms:	4#	P
		252 102 1.0 3 35 × 1 9.6 operate normally S170108913 ~ S170108915	

检 测 报 告

TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation	Conclusion
JBT10923-2010 6.2.4.3 IEC62055-31 C.4	Line to load voltage surge withstand Ambient temperature: $+25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ Impulse voltage wave: $1.2/50 \mu\text{s}$ Test voltage: 20 kV Interval: 60s Test times: Positive and negative poles: 5 times each Applied position: Between the main circuit and the control circuit.	4#	P
		19.1	
		20.1 60	
		No unintentional disruptive discharges	

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TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation	Conclusion
JBT10923 -2010 6.2.4.4 IEC62055 -31 C.5	Fault current making capacity Test voltage (r.m.s.): $250 \pm 5\%$ (V) Test current (r.m.s.): $3^{+5\%}$ (kA) $\cos\varphi$: $0.90_{-0.05}$ Control voltage: DC12V Conductor: 35×1 ($\text{mm}^2 \times \text{m}$) Test sequence: "CO" 3 times Interval: $\geq 1\text{min}$ Screw: M4 Tightening torque: $1.2\text{N} \cdot \text{m}$ Duration: max (ms) Arcing time: max (ms) I_p max (kA) I^2t max (kA^2s) Acceptance criteria: 1) There shall be no signs of sticking or welding of contacts; 2) There shall be no signs of burning or smoking of the enclosure and the conductors; 3) The surroundings of the payment meter shall not be endangered; Serial No. of the oscillogram of the prospective current: Serial No. of the oscillograms:	4#	P
		252	
		3.05	
		0.88	
		12	
		35×1	
		3	
		1	
		M4	
		1.2	
		9.99	
		3.72	
		3.86	
		50.3	
		No signs	
		No signs	
		No	
		Y170108002	
		S170108007 ~ S170108009	

检 测 报 告

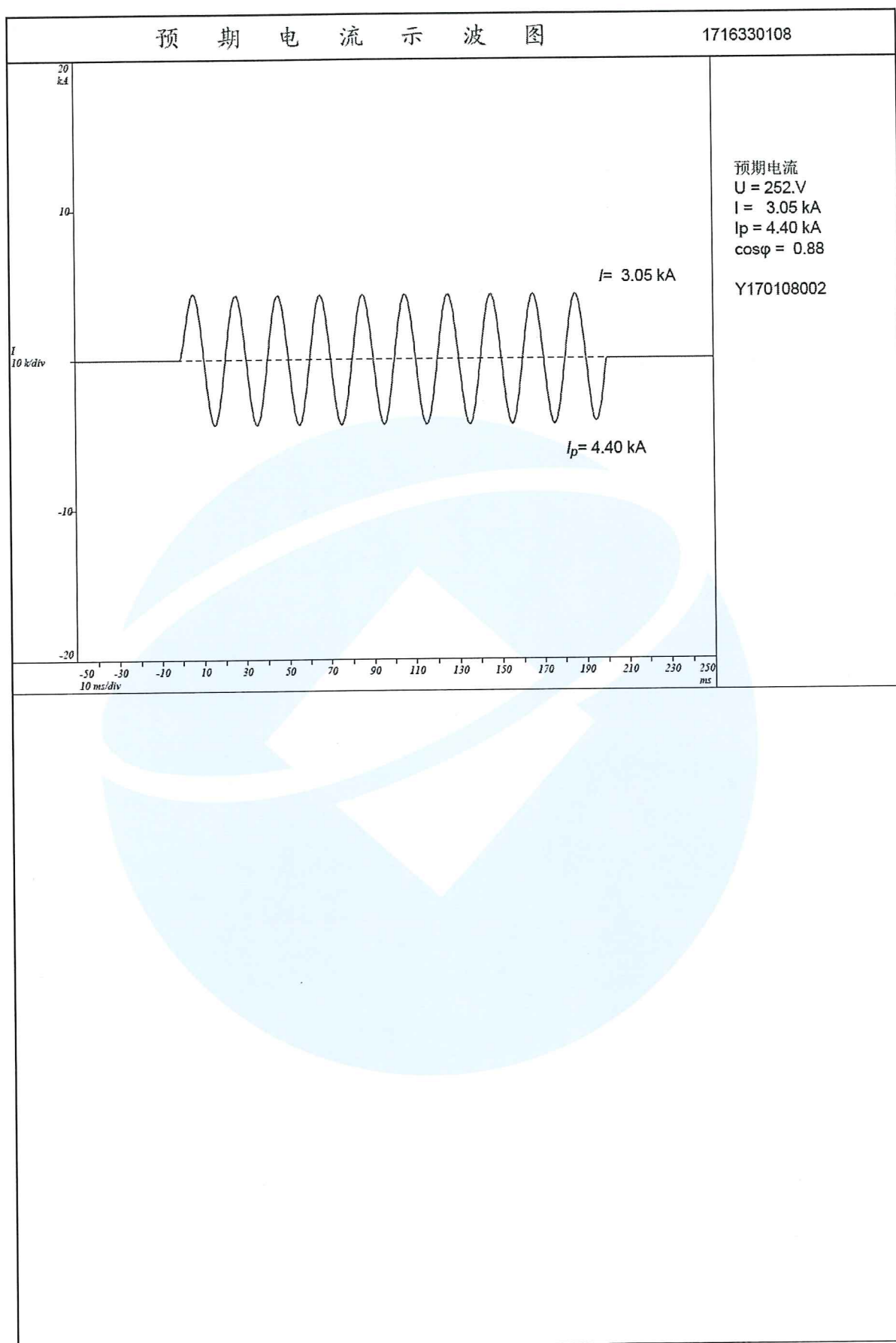
TEST REPORT

Clause	Test items and test requirements	Result of measurement or observation			Conclusion
IEC62055 -31 C.7	Minimum switched current Test voltage (r.m.s.): 250 ^{+5%} (V) Test current (r.m.s.): 1 ^{+5%} (A) cosφ: 1.0 _{0.05} Number of operating cycles: 10 Make time: 10s+5% Break time: 10s Conductor: 1 × 1 (mm ² × m) Control voltage: DC12V Acceptance criteria: 1) Test current shall successfully conduct each time the contacts are in the closed position; 2) Test current shall successfully break each time the contacts are in the open position.	4#			P
		252			
		1.02			
		1.0			
		10			
		10s			
		10s			
		1 × 1			
		12			
		Complied			
		Complied			
		JBT10923 -2010 6.2.2.3 IEC62055 -31 7.3	Power consumption Test current: 10A Conductor: 1.5 × 1 (mm ² ×m) Measurement of power consumption: Test position: main circuit Incoming terminal -outgoing terminal Voltage-drop (mV) Power consumption (W) ≤ 0.08%UeIn	10.2 1.5 × 1	
A	B			C	
27.4	29.1			28.3	
0.279	0.297			0.289	

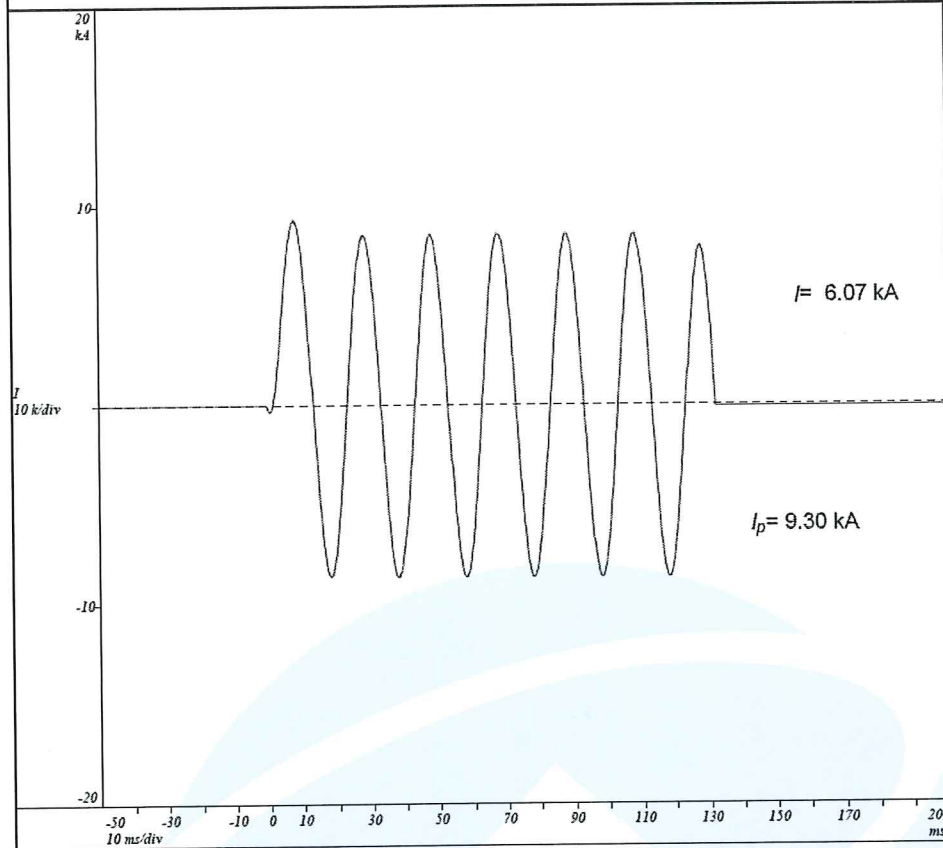
检 测 报 告

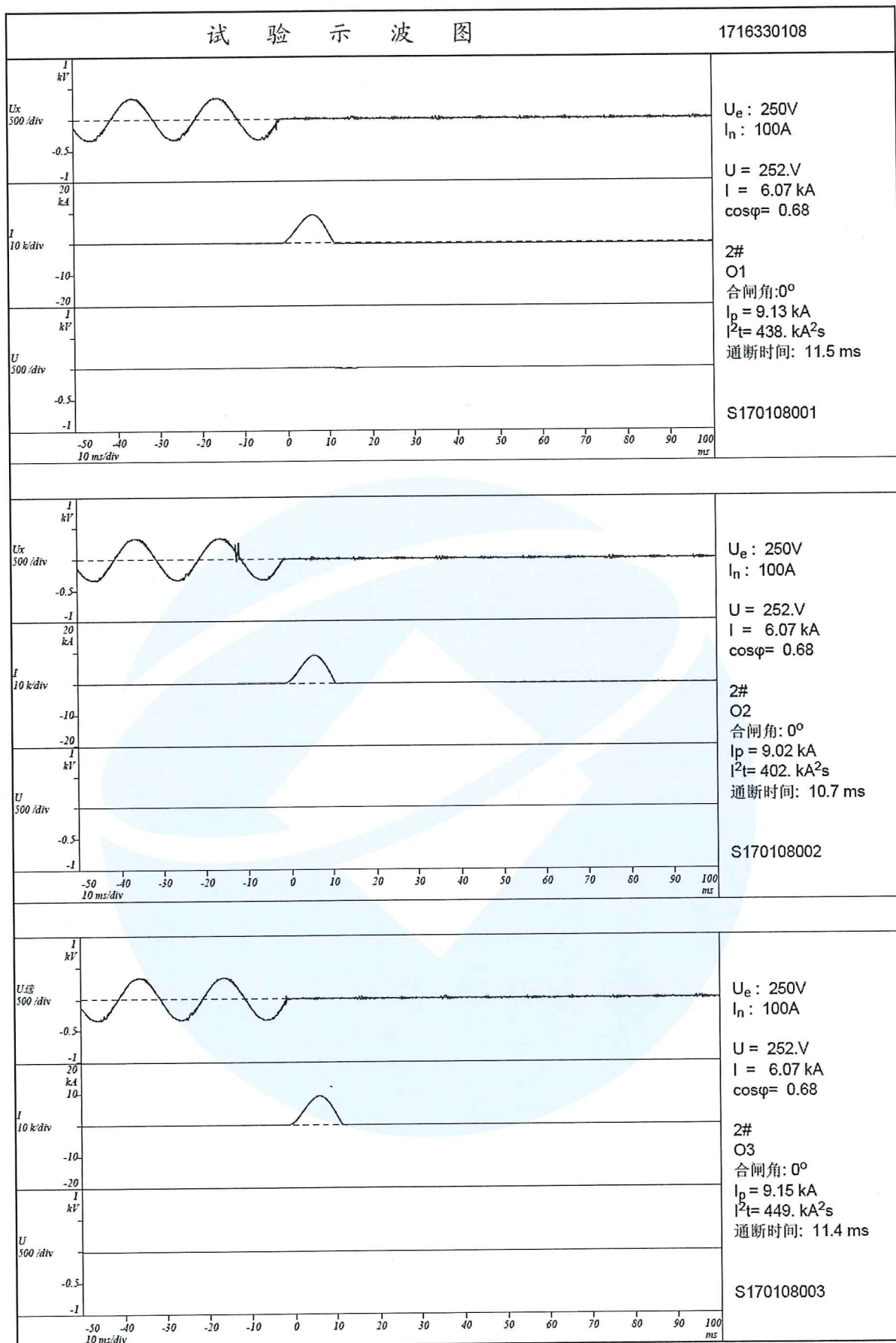
TEST REPORT

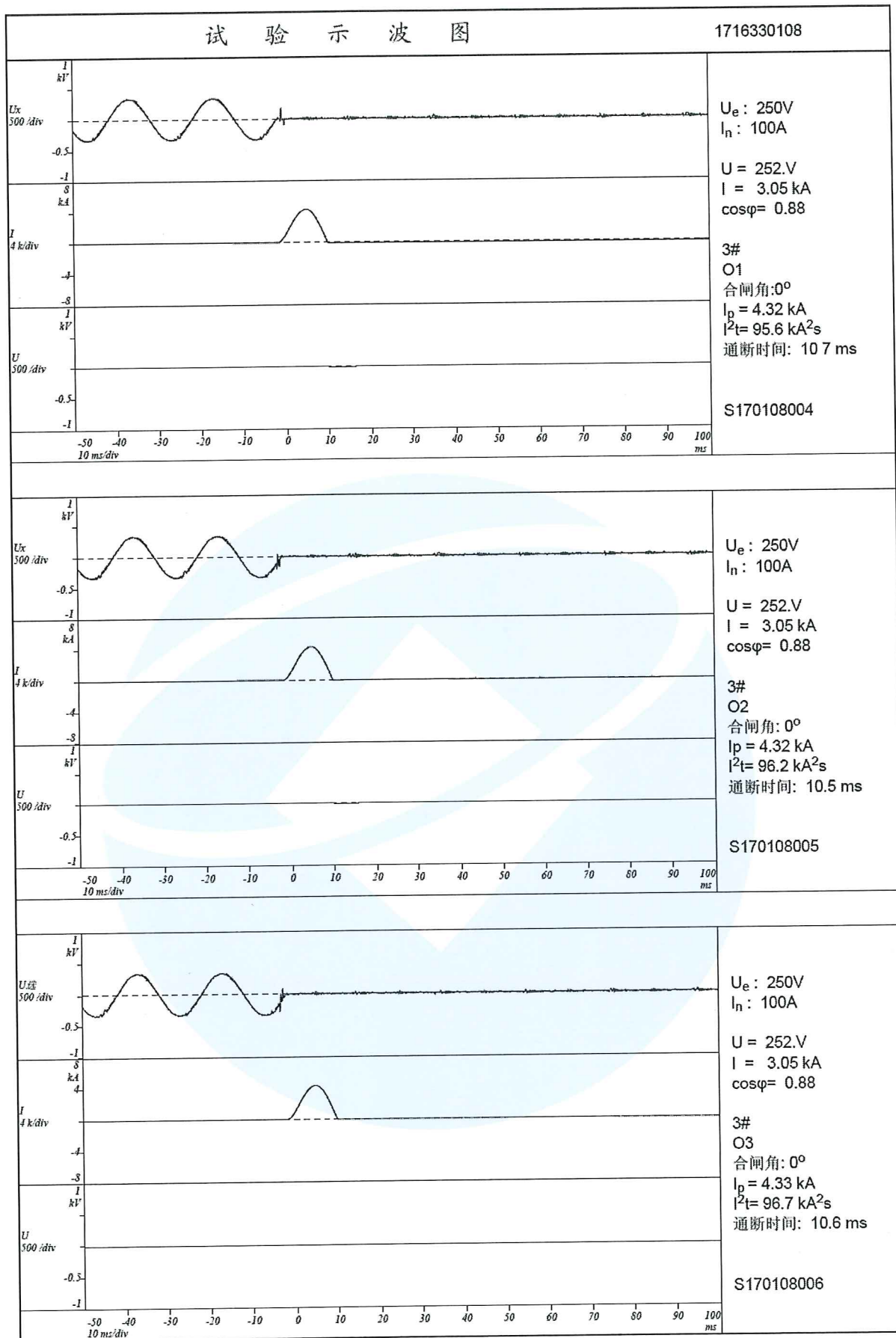
Clause	Test items and test requirements	Result of measurement or observation	Conclusion
JB/T10923-2010 6.2.2.4 IEC62055-31 C.8	Dielectric properties	4#	P
	Dielectric strength		
	1). Measuring insulation resistance		
	Test position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal: $\geq 10 \text{ M}\Omega$	$> 500 \text{ M}\Omega$	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure: $\geq 10 \text{ M}\Omega$	$> 500 \text{ M}\Omega$	
	2). Impulse withstand voltage test		
	Ambient temperature: $^{\circ}\text{C}$	18.5	
	Impulse voltage:		
	In the open position 1: 2000V	2000	
	In the closed position 2: 2000V	2000	
	Impulse voltage wave : 1.2/50 μs		
	Interval: $\geq 1\text{s}$	10	
	Test times:: 3 times for the positive and negative polarity each.		
	Applied position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal;	No unintentional disruptive discharges	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure;	No unintentional disruptive discharges	
	3) Power frequency withstand voltage test		
	Ambient temperature: $^{\circ}\text{C}$	18.5	
	Test voltage:		
	In the open position 1 1000V	1000	
	In the closed position 2 1000V	1000	
	Time of applying voltage: 1min	1	
	Applied position:		
	In the open position:		
	Between the supply incoming terminal and the outgoing terminal;	No flashover or puncture	
	In the closed position:		
	Between the supply incoming terminals connected together and the metal foil in contact with the outer surface of the enclosure;	No flashover or puncture	

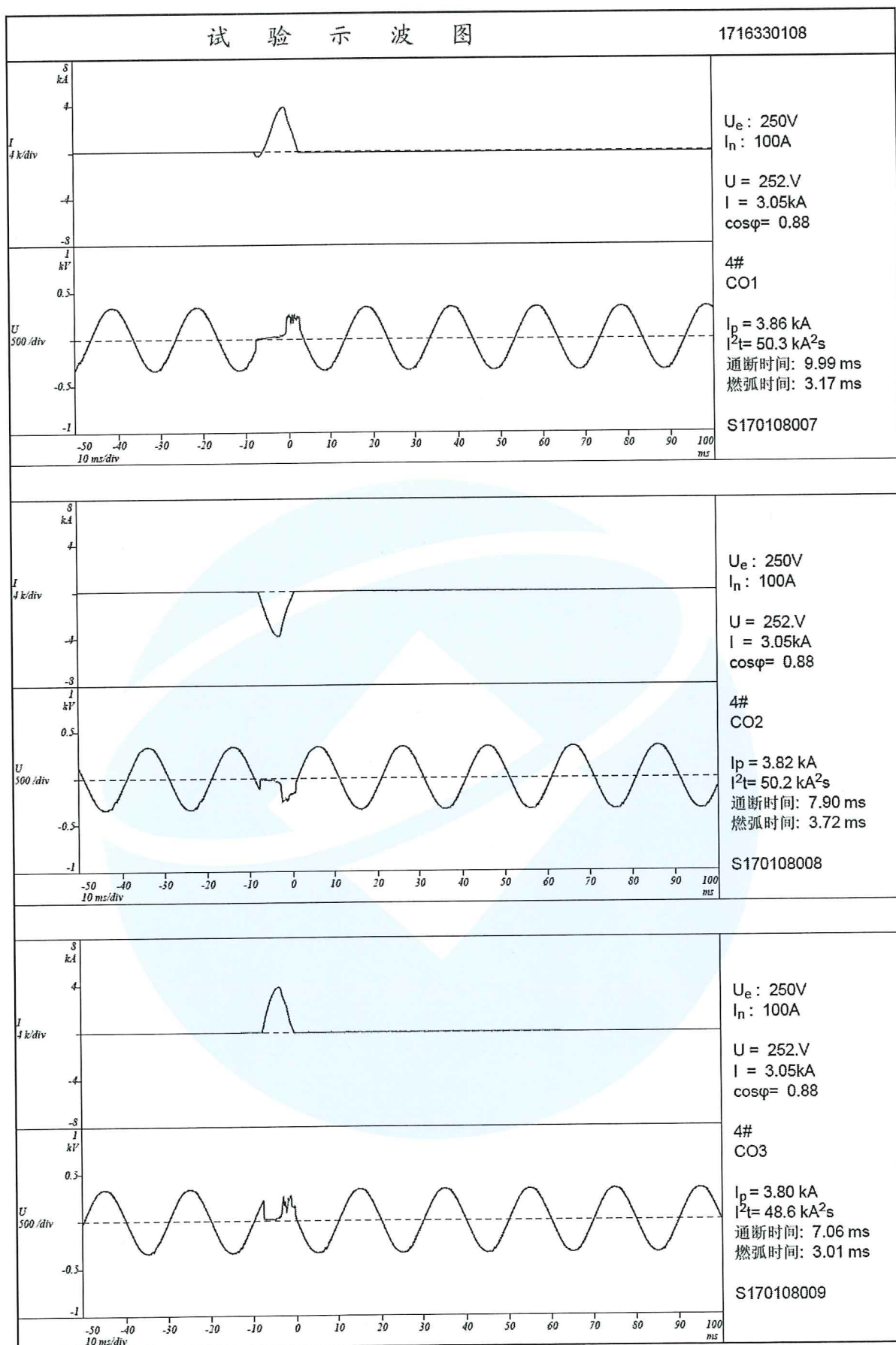


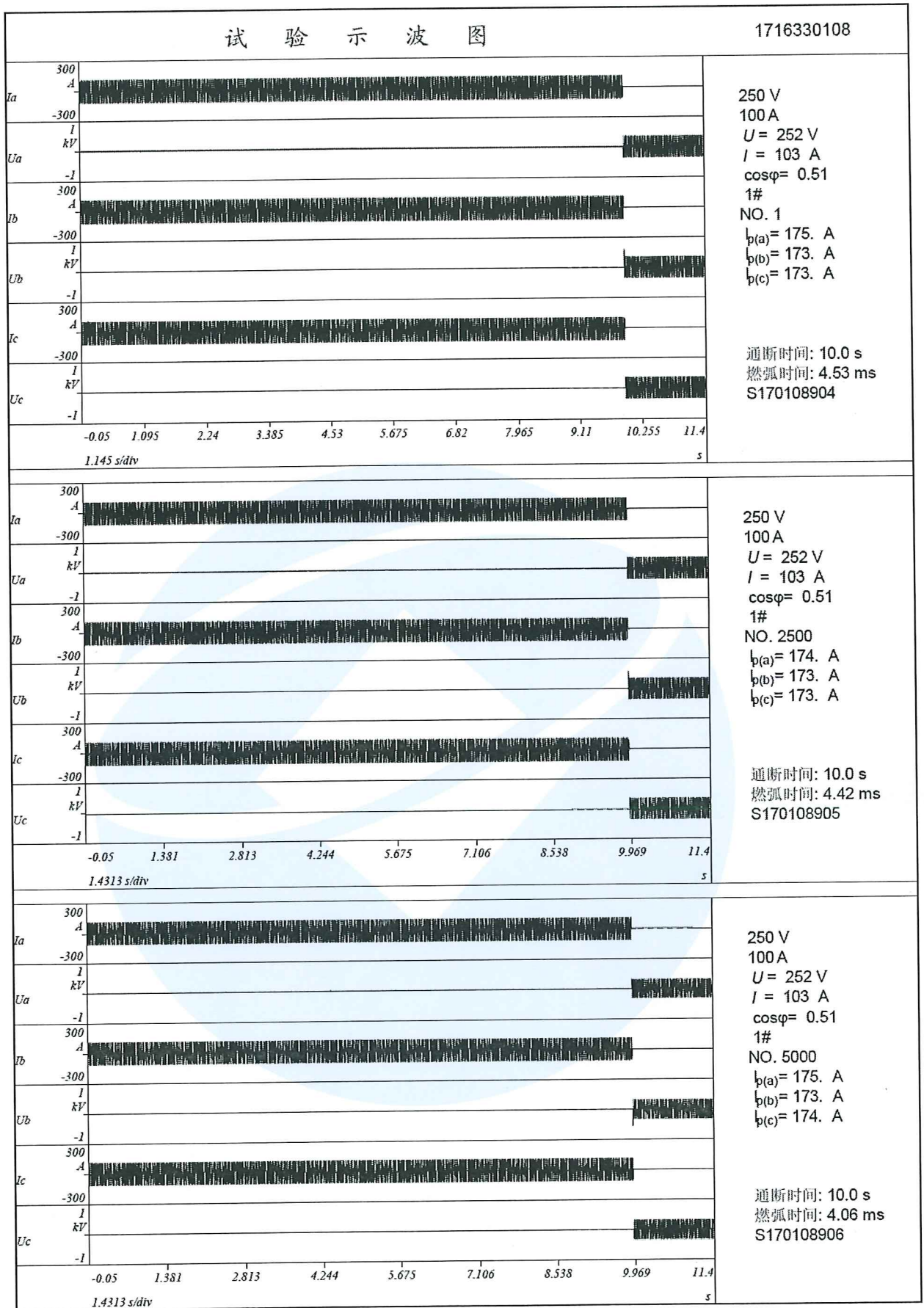
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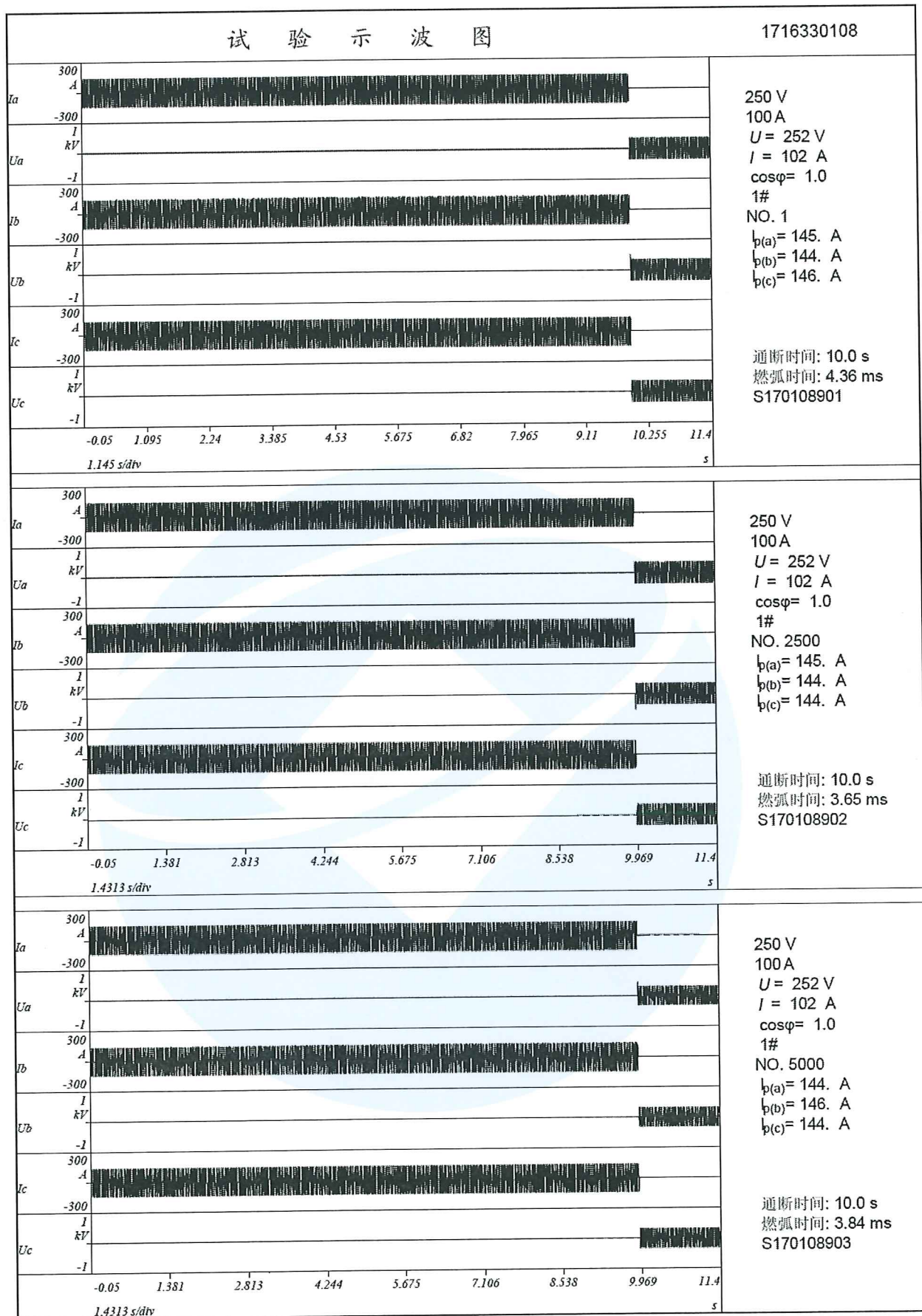


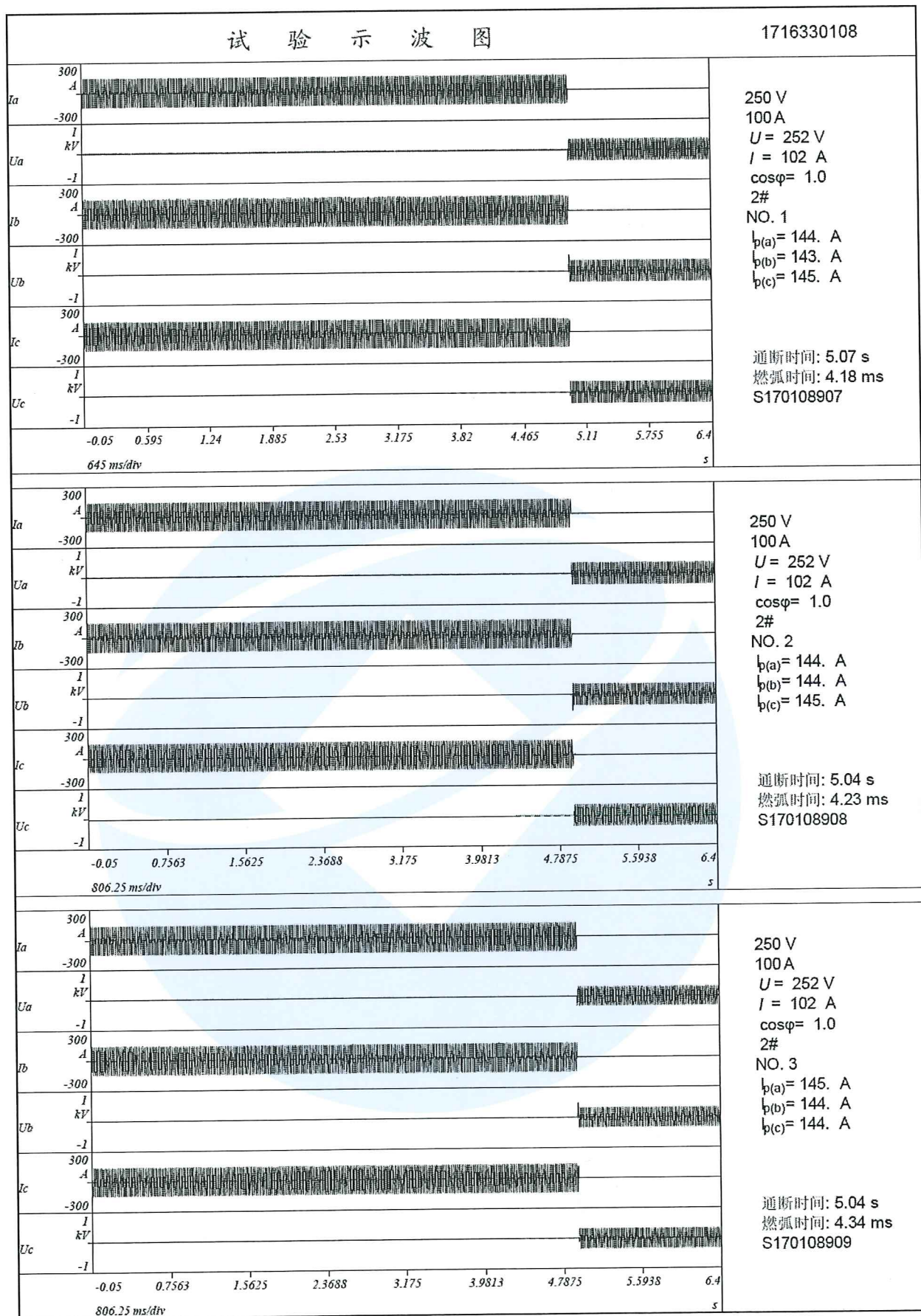


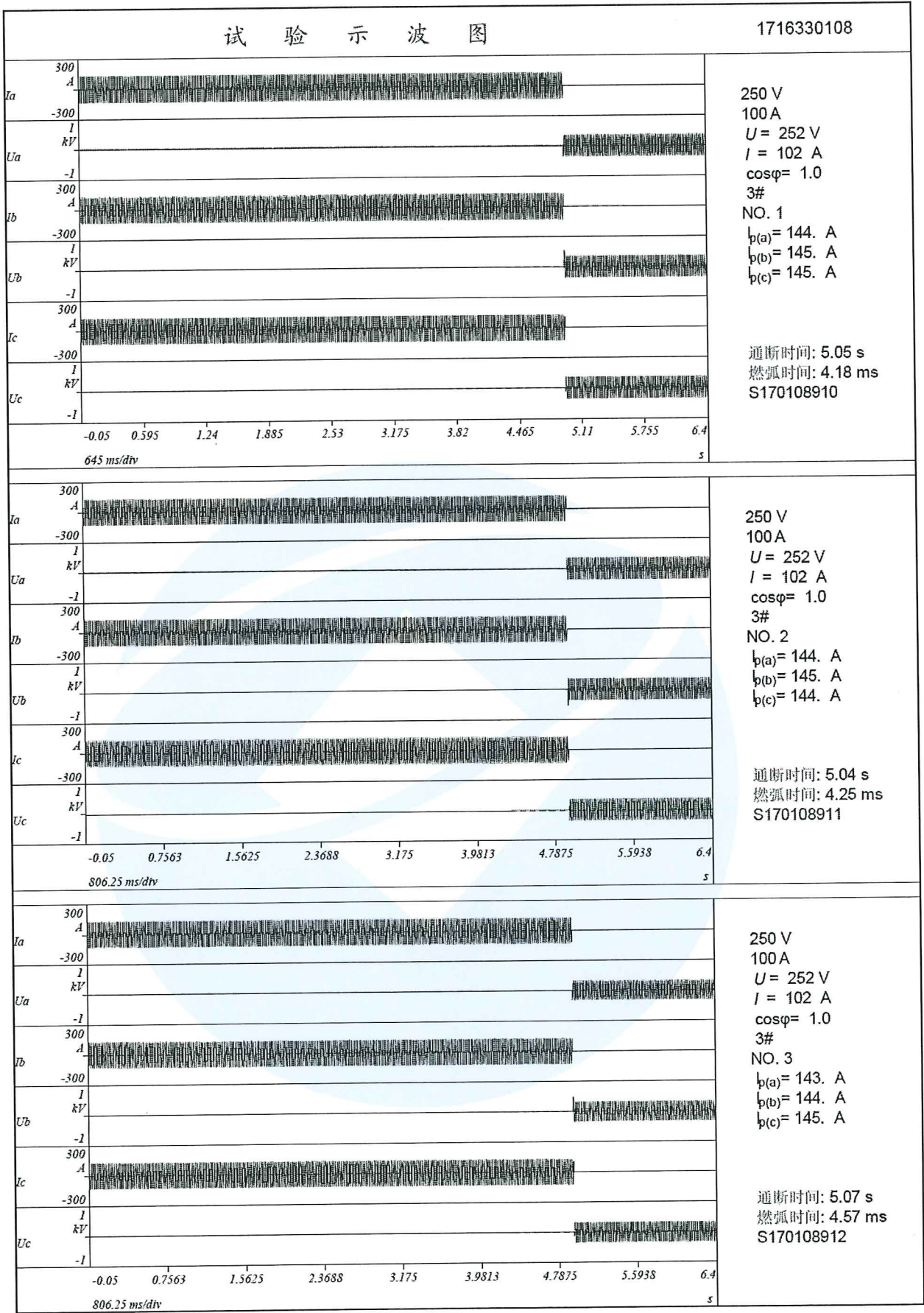


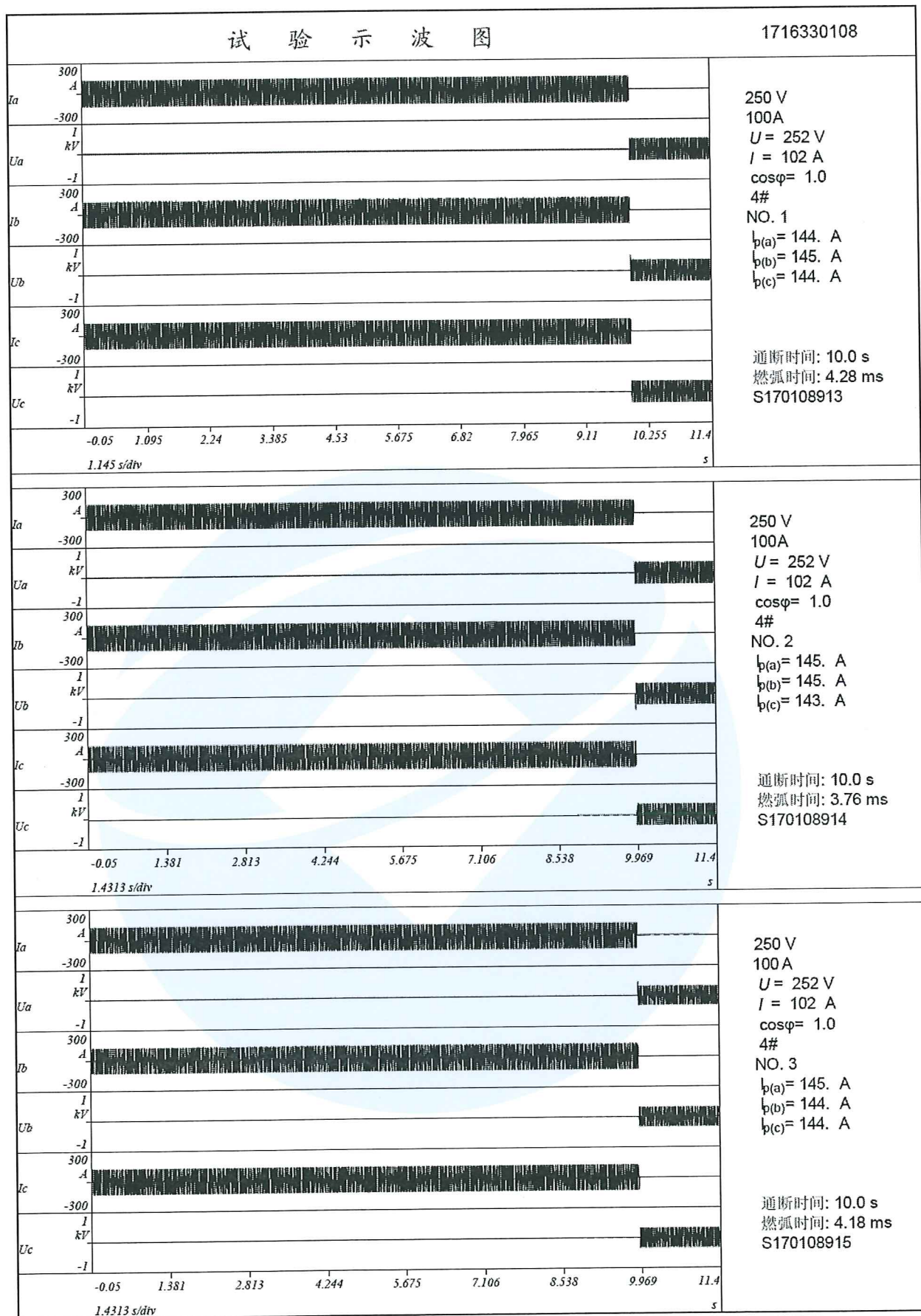












主要试验仪器设备清单

MAIN TEST APPARATUS LIST

Serial No.	Name	Type	Serial No. of equipment	Used for the test (√)
1	Data collection system	SYNERGY	8583CA12A	√
2	Torque screwdriver	RTD500CN	8086DB05B	√
3	Counter	DHC9J-J	8431DB09B	√
4	Milliammeter	D26-mA	8057CB86A	√
5	Synthetic control equipment	350A	8300CA07A	√
6	Stabilized temperature chamber	GW20	8302DA07A	√
7	Double-digital electric meter	GDM-8245	8427CB09A	√
8	Temperature and humidity recorder	ZDR-F20	8339CB08A	√
9	Power frequency withstand voltage device	NC-II	8049DB96A	√
10	Megohmmeter	ZC25B-3	8012CB93B	√
11	Impulse withstand voltage device	GC-18	8344DA08A	√
12	Temperature and humidity recorder	DSR-TH	8700CB14B	√
13	Electronic stopwatch	ST4610-2	8088CB07B	√
14	Temperature and humidity recorder	ZDR-F20	8421CB09A	√
15	400kA impulse voltage generator	400kV	8475DA11A	√
16	Temperature and humidity recorder	ZDR-F20	8338CB08A	√
17	Data collection system	Saturn	8711CA15A	√
18	1000X high voltage probe	P6015A	8591CA12A	√
19	Digital oscillograph	TDS2012C	8590CA12A	√
20	Data logger for Temperature and Humidity	DSR-TH	8697CB14B	√

TEST REPORT END