

Zhejiang Haivo Electrical Co.,Ltd.

ROUTINE TEST REPORT

Experimental unit: Zhejiang Haivo Electrical Co.,Ltd.

Test products: SURGE ARRESTER

Product model: YH10W-0.22

Inspection time: 2025.8.17

Inspection sites: Chongshi industrial zone, panshi, yueqing, wenzhou, zhejiang, china



Zhejiang Haivo Electrical Co.,Ltd.		Survey report	YH10W-0.22
Summary			
kind of test	Factory Report		
Sample Type and Name	YH10W-0.22 SURGE ARRESTER		
Test Parties	Zhejiang Haivo Electrical Co.,Ltd.		
Test site	Chongshi industrial zone, panshi, yueqing, wenzhou, zhejiang, china		
Production company	Zhejiang Haivo Electrical Co.,Ltd.		
Inspection time	2025.8.17		
Production quantity	2000		
Number of tests	12		
Main technical parameters	Rated voltage	220V	
	Rated current	10KA	
	Minimum creepage distance	45±5mm	
	Structure height	30±5mm	
	Partial discharge	10pc	
	By 1 mA DC reference voltage	≥430V	
	0.75 mA Leakage current	<15 μ A	
	Max residual Voltage at Lightning current impulse 8/20 μs	1.2kV	



Zhejiang Haivo Electrical Co.,Ltd.	Dimensional verification	YH10W-0.22
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Inspection Date: 2025.8.17

Sr. No.	Insulation height 30mm	Creepage distance 45±5mm	shed diameter Ø 61.5mm	disconnecter diameter Ø20mm
1	30	47	61.55	20.12
2	31	48	61.49	20.15
3	30	45	61.52	20.05
4	30	45	61.50	20.07
5	31	46	61.48	20.07
6	30	45	61.45	20.10
7	31	45	61.58	20.11
8	31	47	61.54	20.04
9	30	45	61.53	20.05
10	30	46	61.55	20.10
11	31	46	61.48	20.11
12	30	44	61.53	20.13

additional remarks: NO



Zhejiang Haivo Electrical Co., Ltd.	electrical test	YH10W-0.22
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Inspection Date: 2025.8.17

1.result

Test serial number	1 mA DC reference voltage ≥430V	0.75 mA Leakage current < 15μA	result
1	450	3	PASS
2	440	3	PASS
3	460	3	PASS
4	450	1	PASS
5	450	3	PASS
6	440	1	PASS
7	440	2	PASS
8	450	3	PASS
9	455	3	PASS
10	450	1	PASS
11	450	3	PASS
12	455	1	PASS

additional remarks: NO



ZHEJIANG HAIVO ELECTRICAL CO., LTD.	Lightning Impulse Residual Voltage	YH10W-0.22
Inspection Date: 2025.8.17		
Lightning impulse residual Voltage		
Sample Serial number	Test value (kV)	Result
1	1.15	Qualified
2	1.15	Qualified
3	1.15	Qualified
4	1.15	Qualified
5	1.15	Qualified
6	1.15	Qualified
7	1.15	Qualified
8	1.15	Qualified
9	1.15	Qualified
10	1.15	Qualified
11	1.15	Qualified
12	1.15	Qualified
<p>Max,ressidual volage At Lightning Current impulse $8/20\mu S \leq 1.2kV$</p>		
<p>Remarks: The test is qualified</p>		

