

Test Report

Sample Description: SPD

Model Specifications: YZPST-T1-SPC/240

Technology Department test

A total of three pages

first page



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Test Report

Sample Description	SPD		Model Specification s	YZPST-T1-SPC/240
The test instrument is used this time	MOV tester (10/350)、(8/20) lightning current testboard		RH	75%
			Temperature	25℃
project	rating	measured value		
Test product L-PE line-line, ± Voltage and± Leakage current	490±10%_V ≤20 μ A	Product: L-PE, + 490 V, + 4.96 μ A; - 488 V, - 4.89 μ A;		
In the product l-pe line, the impact current is applied (8/20 μ s) ±2.0KA、± 4.0KA、±20.0KA、Test product residual pressureUr。	In=20 KA	L-PE Product: +2.0KA、Ur= 0.48 KV; -2.0KA、Ur=- 0.51 KV; +4.0KA、Ur= 0.71 KV; -4.0KA、Ur=- 0.68 KV; +20.0KA、Ur= 1.15 KV; -20.0KA、Ur=- 1.1 KV;		
Iimp the product L-PE line, apply maximum discharge current (10/350 μ s) Iimp =12.5KA, Test product flow capacity。	Iimp 12.5KA	No flickering, Normal		
In the product L-PE line, apply maximum discharge current(8/20 μ s) Imax=140KA, Test product flow capacity	Imax 140KA	No flickering, Normal。		
Remarks	The equipment and equipment used for this use are in the validity period of appraisal/calibration.			
Test Engineer:				

Test Report

Sample Description	SPD	Model Specifications	YZPST-T1-SPC/240
Test unit		Item No.	CP70B
Product unit		test category	spot test
Test date	2017-08-30	Test Amount	1
Test items	1. Appearance quality: a). The outer surface should be smooth, clean, uncracked and uncut. b). The logo should be complete and clear, the handwriting is complete, the handwriting is clear, the durability is available, the content meets the requirement. 2. In the test product L-PE line, the positive and negative detection of its voltage value V, positive and negative detection of its leakage flow value μA 3. In the sample L - PE, the shock current (8/20 μs) was applied, plus or minus 2.0 KA, plus or minus 4.0 KA, plus or minus 20.0 KA, and the test product residual pressure U_r 4. In the product L-PE line, apply the maximum impact current (10/350 μs) $I_{imp} = -12.5KA$, Test product flow capacity 5 In the product L-PE line, apply maximum discharge current (8/20 μs); $I_{max} = -140$ KA, Test product flow capacity. 6 Determine the level of product protection U_p. 7 Online test for 8 hours		
Test conclusion	The product is tested: After the inspection: a). The content of the logo meets the requirements; Uniform color; The outer surface is flat and clean; No crack, no scratch, no deformation; b). The logo is complete, the handwriting is clear, durable and reliable, the content meets the requirements. Qualified 2. Test product L-PE line, + The voltage value is: <u>490</u> V, - The voltage value is: <u>488</u> V; + The leakage current value is: <u>4.96</u> μA, - The leakage current value is: <u>-4.89</u> μA. The detection of Qualified 3. In the product L-PE line, the impact current is applied (8/20 μs) $\pm 2.0KA$, $\pm 4.0KA$, $\pm 20.0KA$, Test product $I_n=20.0KA$, L-PE Maximum residual pressure between lines $U_r = 1.15KV$。 Qualified 4. In the product L-PE line, apply maximum discharge current (8/20 μs); $I_{max} = -140$ KA, Test product flow capacity. Qualified 5.. In the product L-PE line, apply the maximum impact current (10/350 μs) $I_{imp} = -12.5KA$, Test product flow capacity. Qualified 6 Determine the level of product protection U_p: L-PE line to line $I_n=20.0KA$, $U_p \leq 1.2$ KV。 Qualified 7. hours online test. Qualified The test results are in accordance with the relevant indexes in 《Guangzhou Haide Lightning Protection Technology CO.,Ltd》, and the products are working normally after impact. (The seal test dedicated): Date issue: 2017/ 8 /30		
Remarks	Audit:		