









Test Report

Name of products:	Three-core cable cleat
Туре:	STCC-V 27-32
Client:	SHAOXING DINGDONG ELECTRICAL CO., LTD
Kind of test:	Commission test

SHANGHAI TESTING & INSPECTIONINSTITUTE FOR ELECTRICAL EQUIPMENT CO., LTD.

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Name of product	Three-core cable cleat		Trade mark			
Туре		STCC-V27-32				
Technical data						
Kind of test			Commission	n test		
Client	SHAOXING DINGDONG ELECTRICAL CO., LTD		Address	No.17,Liang Wangshan Road, Lianghu Industrial Zone. Shangyu,Shaoxing,Zhejiang,China.		
Manufacturer		Address				
Sampling site		Sampler		Sampling Cardinality		
Sample quantity	4 pcs	Deliverer		Products number		
Sampling date	year mon	th day	Date of receiving samples	2025-05-12		
Numbering of Samples	#01~#04					
Test standard	IEC 60502-4:2010 Part 4: Test requirements on accessories for cables with rated voltages from 6 kV (U_m = 7,2 kV) up to 30 kV (U_m = 36 kV)					
Judge reference	IEC 61914:2021 Cable cleats for electrical installations and Client's requirements					
Test date	2025-05-12					
		Test items 01 (see test items summary list), Pass.				
Test results				Dat	e of Issue : 2025 - 05 - 19	
Remark						





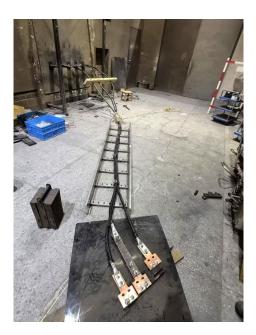


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Test items summary list					
No.	Test items	Subclause	Test results		
01	Short circuit test	IEC 60502-4:2010 IEC61914:2021 9.5.3 & Client`s requirements	Pass		
	-The following blanks-				

Sample photo

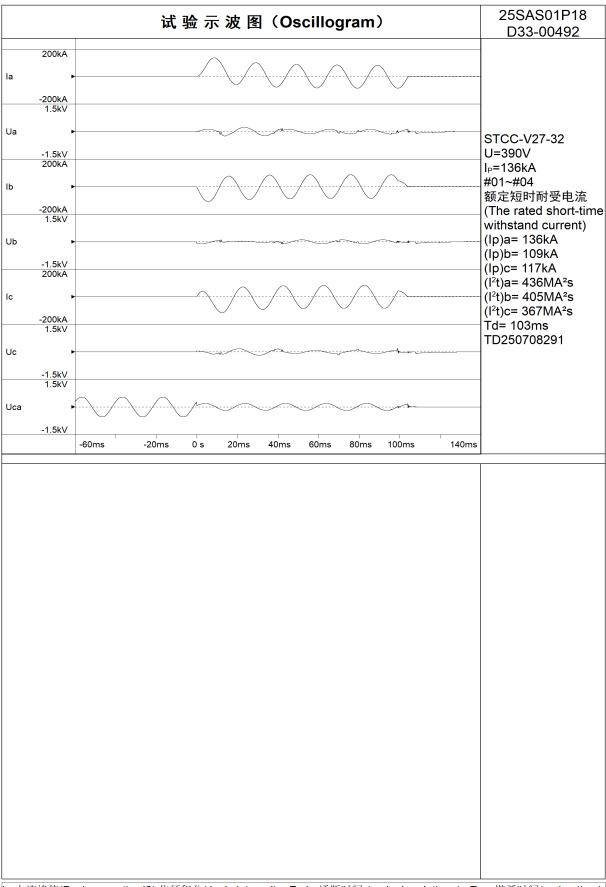






C		Measure or observe	X 7 10 4	
Clause	Test items and requirements	#01~#04	Verdict	
	Product name: Three-core cable cleat			
	Model specifications: STCC-V27-32			
IEC	No.01			
60502-4:2010	Short circuit test		Pass	
IEC	The test arrangement is shown in Figure 4			
61914:2021	■② ■③			
9.5.3				
Client's	1			
requirements	**************************************			
	0			
	111111111111111111111111111111111111111			
	Key 1 supply end			
	2 cable cleats 3 intermediate restraints			
	4 short-circuit busbar end 5 mounting surface			
	D spacing Figure 4 – Typical assemblies for test for resistance to electromechanical force			
	One end is connected to a three phase supply and the other			
	end to a short-circuiting busbar with all three phases being			
	connected.			
	The cable is restrained at a minimum of 5 positions along the cable run.			
	Cleats and intermediate restraints, where used, shall be equally spaced.			
	The cleats are fixed to a mounting surface (e.g. cable ladder) which shall be selected with regard to the forces likely to occur during the test.			
	Test temperature: room temperature(°C)	24.3°C		
	Humidity (%RH)	50.1%RH		
	Peak short-circuit current:135kA	136kA		
	Power-on time: 0.1s	103ms		
	Clamp installation spacing: 0.6m	0.6m		
	Number of times: 1 time	1		
	Test oscillogram number	TD250708291		
	The cable clamp and the middle grade clip are evenly			
	distributed.			
	Cleats shall comply with the following requirements:	Compliance		
	The cable clamp is subjected to the specified short-circuit current, magnetic field tension, and the cable remains locked and the cable is not damaged.			

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lp:电流峰值(Peak current) l2t:焦耳积分(Joule integral) Tmb: 通断时间 (make-break time) Tarc:燃弧时间(arcing time)

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