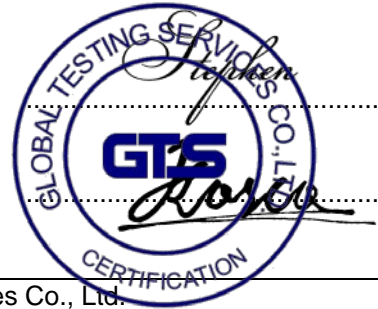


EN 50393:2015 Test methods and requirements for accessories for use on distribution cables of rated voltage 0,6/1,0 (1,2) kV	
TCF Reference No.	TCZJ19040217516
Prepared by (+ signature).....	Stephen Zhang / Testing Engineer
Approved by (+ signature)	Cosco Yu / Technical Manager
Date of issue	Apr. 18, 2019
The third party.....	Shanghai Global Testing Services Co., Ltd.
Address.....	Floor 2nd, Building D-1, No. 128, Shenfu Road, Minhang District, Shanghai, China.
Reviewing procedure	CE
Applicant's name	YUEQING SOCOME IMPORT&EXPORT CO.,LTD
Address.....	No.126, Suao East Road, Liushi Town, Yueqing City, Wenzhou, Zhejiang Province, China
Manufacturer's name	ZHEJIANG BAOLIN ELECTRIC CO.,LTD
Address.....	No.126, Suao East Road, Liushi Town, Yueqing City, Wenzhou, Zhejiang Province, China
Factory's name	Same as manufacturer
Address.....	
TCF specification:	
Standard	<input checked="" type="checkbox"/> EN 50393:2015
Non-standard TCF method.....	N/A
Review item description	Cast Resin Joint
Trade Mark	SOCOME
Model/Type reference.....	SCRJ,CRJ,M11,M12,M13,M14,RWJB,KW
Ratings (for the Electrical Equipment)	\
Test model.....	M12



Possible review case verdicts:

- review case does not apply to the test object : N/A
- review object does meet the requirement : P(Pass)
- review object does not meet the requirement : F(Fail)

Reviewing..... :

Date of receipt of review item : Apr. 02, 2019

Date (s) of performance of reviews : Apr. 02, 2019 to Apr. 18, 2019

General remarks:

The review results presented in this report relate only to the object reviewed.

This report shall not be reproduced, except in full, without the written approval of the Issuing the third party

"(see Enclosure #)" refers to additional information appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a comma (point) is used as the decimal separator.

General notes on tests:

This review report include the following page(s):

National deviation of EU have been considered.

Annex I: Photo Documentation, **2** page(s).

EN 50393:2015			
Clause	Requirement – Test	Result	Verdict
4	Components		-
4.1	Connectors		-
	Conductor connectors used with joints and terminations shall comply with EN 61238-1, where applicable, or with another relevant performance standard. Connectors are considered integral components of accessories and are subject to compliance extensions and limitations detailed in 6.3		P
	Connectors for circumferential conductors comprising metal wires that are designed to carry neutral or induced current shall meet the electrical requirements of EN 61238-1, where applicable, or those of another relevant performance standard.		P
4.2	Materials		-
	Component material characterization, either by 'fingerprinting' or by type testing, is not a prerequisite for compliance with this performance standard.		P
5	Electrical characteristics		-
5.1	Rated voltage		-
	The rated voltage of the joints, stop ends and outdoor terminations shall be $U_0/U(U_m) = 0,6/1,0 (1,2)kV$		-
5.2	Current rating		-
	The continuous current rating of a joint or termination shall be in accordance with the appropriate cable(s) specified in HD 603 or other relevant cable standard.		
6	Range of compliance		
6.1	General		
	Compliance will be gained for a product family of the same design and materials by successfully completing the appropriate test sequence in Tables 3,4 or 5 on the smallest and the largest accessory in the family. In the case of joints and outdoor terminations, the smallest and largest accessory shall each be tested with the smallest and largest specified cable conductor cross-sections. Stop-ends shall be tested with the smallest and largest conductor cross-sections.		P
6.2	Cables		-
6.2.1	Compliance is restricted to the use of the accessories on the same cable type as used in the test, subject to the permitted extensions given in 6.2.2 to 6.2.5.		P
6.2.2	Compliance shall extend to the use of the accessories with cables having different conductor		P

	material or construction provided that the connectors used in the tests are compliant with 4.1		
6.2.3	Compliance gained for accessories tested on cable with shaped conductors shall extend to the use of the same accessories on cables with circular conductors, subject to the restrictions of 4.1 and 6.3. The converse shall not apply.		P
6.2.4	Compliance shall extend to use of the accessories with cables having conductor insulation different from that of test cables in accordance with Table 1.		P
6.3	Connectors for joints		-
	Compliance gained for joints shall be restricted to the use of the same conductor connectors as those used in the tests, together with other connectors meeting the requirement of 4.1 and falling within the extension limitations detailed in Table 2. The extensions permitted in Table 2 are based on geometrical considerations only and do not imply any similarity or difference in connector performance.		P
6.4	Water immersion depth		-
	The standard water immersion depth for tests on joints and stop-ends is 1m. For special applications and buried environments subject to a high water table or prone to flooding, this head of water may be considered insufficient to confirm the satisfactory performance of seals preventing the entry of water. In such cases, the test sequence of Tables 3 and 4 may be performed with an increased water head of 10 m. testing at a single water head will achieve compliance for that water head only. Testing at both 1 m and 10 m water heads will achieve compliance for those water heads and all intermediate values.		P

Annex 1

Type	Cable size (mm ²)	Length (mm)	Height (mm)	Min. diameter (mm)	Max. diameter (mm)
SCRJ-1(M11)	4x1.5-16	200	36	6	28
SCRJ-2(M12)	4x25-50	350	55	20	38
SCRJ-3(M13)	4x70-95	400	75	26	44
SCRJ-4(M14)	4x120-185	530	110	35	60

Type of equipment, model: Cast Resin Joint

Details of:

View:

general

front

rear

right

left

top

bottom



Details of:

View:

general

front

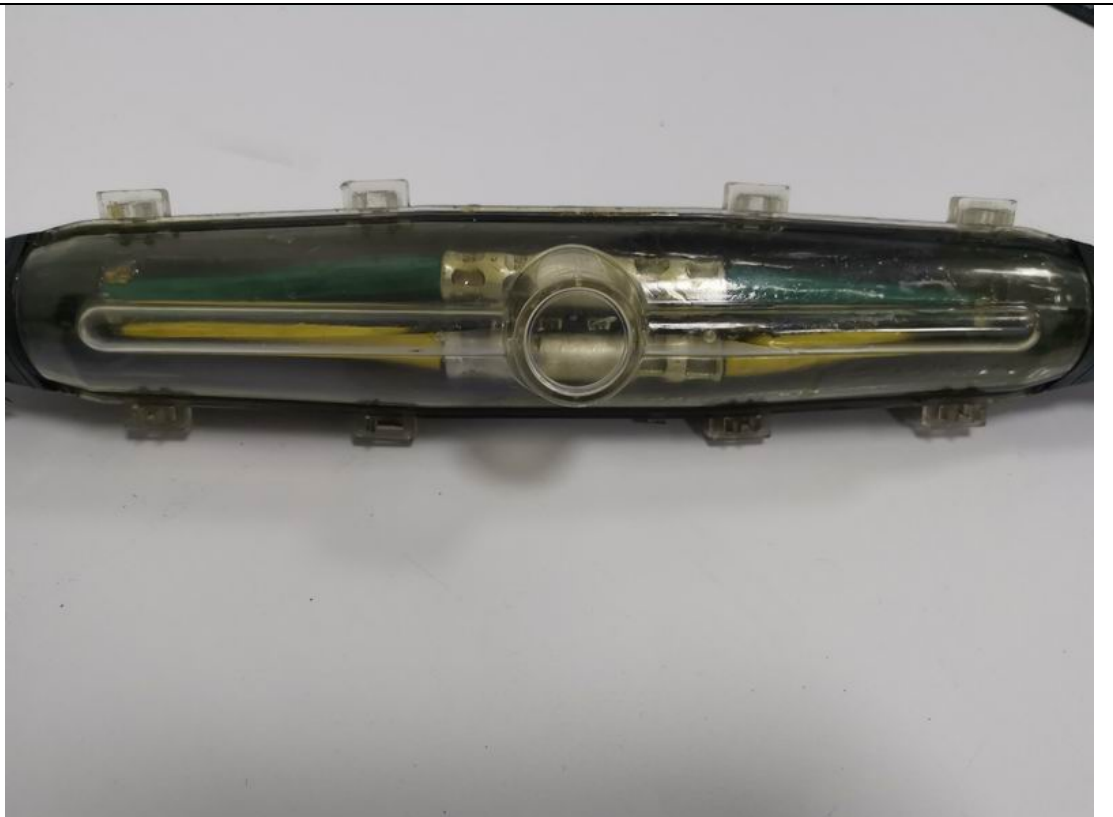
rear

right

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top

bottom



Details of:

View:

general

front

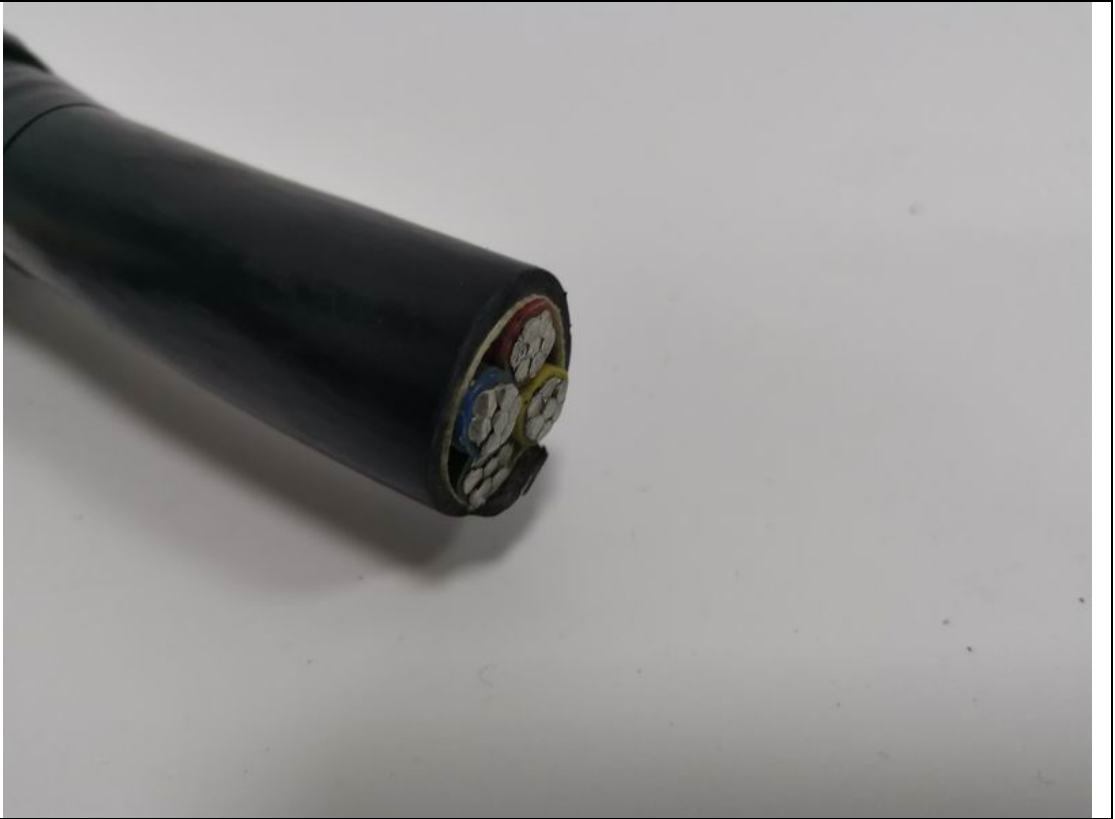
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- End of Annex I -