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中国认可
国际互认
检测
TESTING
CNAS L0095

TEST REPORT

SAMPLE NAME: Cable trunkings

APPLICANT: Shanghai Yangxun Electrical Equipment Complete Sets Co., Ltd.

TEST CLASSIFICATION: Commission test

CVC Testing Technology Co., Ltd.

检验检测技术有限公司
检验检测专用章

TEST REPORT

Sample name	Cable trunkings	Trade mark	—
Type/Model	XQJ-C-01/200*100	Sample grade	Qualified product
Applicant	Shanghai Yangxun Electrical Equipment Complete Sets Co., Ltd.	Address	47 Shangda Road, Baoshan District, Shanghai City
Manufacturer	—	Address	—
Factory	—	Address	—
Sample quantity	9pcs	Sampler	—
Sample identification	1#~9#	Sampling location	—
Means of sample receiving	Submitted by the client	Means of sampling	—
Test classification	Commission test	Sampling date	—
Sample receiving date	March 06, 2026	Completing date	March 31, 2026
Test method	IEC 61084-1: 2017+AMD1: 2024 IEC 61084-2-1: 2017+AMD1: 2024	Test item/ parameter	Clause/Sub-clause 8, 9, 10.2, 10.3
Test result	The samples submitted by the client is tested according to the following standards: **IEC 61084-1:2017+AMD1: 2024 Cable trunking systems and cable ducting systems for electrical installations - Part 1: General requirements** **IEC 61084-2-1:2017+AMD1: 2024 Cable trunking systems and cable ducting systems for electrical installations - Part 2-1: Particular requirements – Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings** Test result: Comply with the requirements of the standard. Seal of CVC Date of issue: Mar.31/2026		

Approved by: Zou Jianqiang Reviewed by: Cai Chenglong Tested by: He Chao

Sample Description	1. This report is applicable to cable trunkings XQJ-C-01/200*100. 2. This report is issued based on the tests of clause/sub-clause 8, 9, 10.2, 10.3 are carried out on cable trunkings XQJ-C-01/200*100.
Sampling Procedure	—
Deviation From Methods	—
Test Location	No. 3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, 510663, P.R. China
Remarks	Throughout this report a point is used as the decimal separator.

Test item particulars:

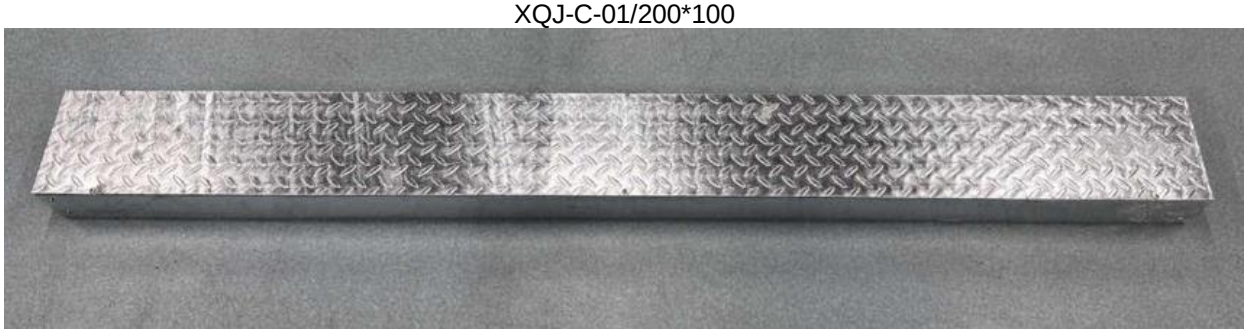
1. Material ..... :	Metallic
2. Resistance to impact..... :	1J
3. Temperatures, as below	
(1)Minimum storage and transport..... :	-15℃
(2)Minimum installation and application..... :	+5℃
(3)Maximum application ..... :	+60℃
4. Flame propagation ..... :	N/A
5. Electrical characteristics ..... :	N/A
6. Insulating characteristics ..... :	N/A
7. Degrees of protection provided..... :	N/A
Protection against ingress of solid foreign objects..... :	N/A
Protection against ingress of water..... :	N/A
Protection against access to hazardous parts:	N/A
8. Protection against corrosive or polluting substances..... :	N/A
9. Cover retention of the system..... :	With a tool or a deliberate action
10. Intended installation positions..... :	CTS wall fixed and supported by the floor
11. Wet-treatment..... :	N/A
12. Halogen content ..... :	N/A

Copy of marking plate:

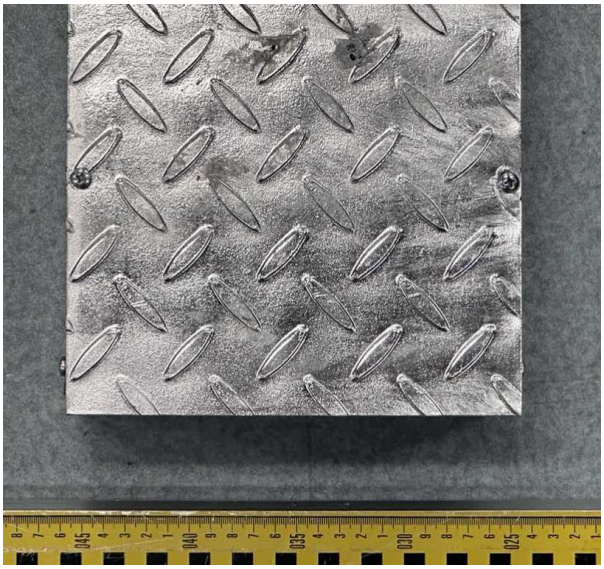
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PHOTOGRAPHS

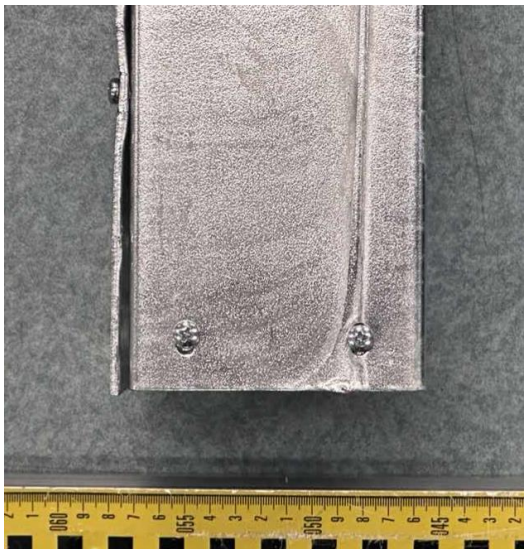
XQJ-C-01/200*100













IEC 61084-2-1			
Clause	Requirement + Test	Result - Remark	Verdict
8	**Dimensions**		N/A
	No dimension requirements		N/A
9	**Construction**		P
9.1	**Sharp edges**		P
	Any surface or edge shall not damage the insulated conductors or cable		P
	Screws, studs or other securing devices shall be fitted so as not to damage the conductors or cables		P
9.2	**Apparatus mounting**		N/A
	If the CTS/CDS is provide with means for the mounting of apparatus, these means shall adequately secure this apparatus		N/A
	Checked by the test of 10.5		N/A
9.3	**Means for protective separation and/or retention**		P
	If the CTS/CDS is provide with means for the protective separation and/or retention, these means shall adequate mechanical performance to fulfil their function		P
	Checked by the test of 10.2		P
9.4	**Mechanical connections**		P
9.4.1	Screwed and other connections shall withstand the mechanical stresses during installation and normal use		P
	Screws shall be one or more of the following:		—
	a) ISO-metric threads		P
	b) thread forming type		N/A
	c) thread cutting type if suitable design provisions are made		N/A
	d) thread other than a) to c) as specified by the manufacture		N/A

IEC 61084-2-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Mechanical connections of CTS used to allow the laying in of insulated conductors or cables or relocation of an apparatus shall be intended for re-use		P
	Checked by the tests of 9.4.2, 9.4.3, and 9.4.4		P
9.4.2	Screws intended for re-use shall not be tightened by sudden or jerky motions		P
	After the test there shall be no damage that will impair the further use of the screwed connection		P
9.4.3	Mechanical connections intended for re-use other than screwed connections, shall be fitted and removed 10 times		P
	After the test, there shall be no damage to impair the further use of the mechanical connection		P
9.4.4	Mechanical connections not intended for re-use are checked by inspection		N/A
9.5	**Accessible conductive parts**		P
9.5.1	Shall comply with 9.5.2 unless they comply with 9.5.3		P
9.5.2	According to the manufacture's instruction installed, likely to become live in the event of an insulation fault, shall have the provision for reliable connection to earth		P
	In other to prevent creep age distances and clearances form becoming less than 3mm, even if a conductor should become loose from its terminal, the accessible conductor part is not considered likely to become live		N/A
	Protection against electric shock in case of a fault may be omitted for accessible conductive parts, cannot be gripped or come into significant contact with a part of the human body and provided that connection with a protective conductor could only be made with difficulty or would be unreliable		P
	Checked by inspection, measurement		P
	Necessary, by the appropriate test of 11.1.3 or 11.2.		N/A

IEC 61084-2-1			
Clause	Requirement + Test	Result - Remark	Verdict
9.5.3	Accessible conductive parts need not have provision for connection to earth if they are insulated from live parts with supplementary or reinforced insulation used to form barriers or linings which shall be designed in such a way that:		N/A
	- they cannot be removed without being permanently damaged or,		N/A
	- they cannot be replaced in an incorrect position or,		N/A
	- if omitted, the system is rendered inoperable or manifestly incomplete		N/A
	Checked by inspection		N/A
9.6	**Equipotential bonding**		P
9.6.1	The manufacture shall declare if the CTD/CDS can be used for equipotential bonding		P
9.6.2	If there is a provision for bonding, compliance is checked by the tests of 11.1.3. Before the test the sample is subjected to conditioning of 11.1.2		P
9.7	**Access to live parts**		P
9.7.1	CTS/CDS shall be so designed that when they are installed and fitted with apparatus and/or other electrical equipment as in normal use, live parts are not acessible		P
	Checked by inspection		P
	If necessary, by the test of 9.7.2, 9.7.3 and 9.7.4		P
	The test are carried out after all parts removable without tools are removable		P
9.7.2	Test probe B of IEC 61032:1997 applied in every possible position.		P
9.7.3	Non-metallic system are subjected to the following additional test,		N/A
	Additional test at (Table 3) ±2 °C with probe 11 of IEC 61032:1997 applied for 1 min with a force of 50N (°C)……:		N/A
	All place of 7.9.2, where yielding of insulating material could impair the safety of the system but is not to be applied to knockouts, membranes and the like		N/A

IEC 61084-2-1			
Clause	Requirement + Test	Result - Remark	Verdict
	During the test, probe 11 cannot touched the live parts		N/A
9.7.4	Knockouts are subjected for 1 min to a force of 10N applied through the tip of test probe 11 of IEC 61032:1997		N/A
	During the test, knockouts shall not be break		N/A
9.8	**Inlet openings**		N/A
	If any, shall allow the introduction of conduits and/or the like, or the protective covering of the cable at least 1mm into the system component		N/A
	Inlet opening for conduits shall be capable of accepting conduit sizes according to IEC 60423:2007		N/A
	Checked by inspection and measurement		N/A
9.9	**Membranes**		N/A
9.9.1	Membranes and the like which prevent access to live parts shall withstand the mechanical stresses occurring in normal use		N/A
	The manufacture shall declare the dimensions of the cables which may be installed in the entry membranes		N/A
	Checked by the test of 9.9.2		N/A
9.9.2	Table 3±2°C in the heating cabinet placed for 2h,then force of 30N applied for 5s by probe 11 of IEC 61032: 1997 (°C) ……:		N/A
	During the test, the membranes shall not deform to such an extent that live parts become accessible and the membranes shall not become detached		N/A
9.9.3	Entry membranes shall allow the introduction of cables into the system at the minimum installation temperature declared according to Table 2		N/A
	Checked by the test of 9.9.4		N/A
9.9.4	The system component shall be fitted with entry membranes which have not been subjected to any ageing treatment, those without openings being suitably pierced		N/A

IEC 61084-2-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Table 2±2°C for 2h (°C) ……:		N/A
	After this period the sample is removed from the refrigerator, and immediately afterwards, while the sample is still cold, it shall be possible to introduce through the entry membranes without undue force, cables having the largest outside dimension as declared		N/A
9.9.5	After the tests of 9.9.2 and 9.9.4, the membranes shall show:		N/A
	- no cracks		N/A
	- no similar damages visible to normal		N/A
	- no corrected vision without magnification that are likely to impair safety		N/A
9.10	**Cable restrainer**		N/A
	if any, shall relieve conductors from strain in terminals or terminations by resisting the pull force on cable or insulated conductors		N/A
	It shall be clear or indicated in the manufacturer's instructions how the relief from strain is intended to be effected		N/A
	Cable restrainers shall:		N/A
	- be suitable for the different types of cable and the different types and number of insulated conductors according to the manufacturer's instructions		N/A
	- be such that at least part of it is integral with or permanently fixed to a system component		N/A
	- not use makeshift method such as tying cable or insulated conductor in a knot or tying the ends with string		N/A
	- not impair electrical safety		N/A
	Torque by table 4 (Nm)……:		N/A
	After any of the tests:		N/A
	the longitudinal displacement of the cable or any insulated conductor in the restrainer shall not be more than 2 mm; and		N/A
	electrical safety shall not be impaired		N/A

IEC 61084-2-1			
Clause	Requirement + Test	Result - Remark	Verdict
9.11	**Cable anchorage**		N/A
	if any, shall relieve conductors from strain in terminals or terminations by resisting the pull and twist forces on cable		N/A
	It shall be clear or indicated in the manufacturer's instructions how the relief from strain is intended to be effected		N/A
	Cable anchorage shall:		N/A
	- be suitable for the different types of cable according to the manufacturer's instructions		N/A
	- be such that at least part of it is integral with or permanently fixed to a system component		N/A
	- not use makeshift method such as tying cable in a knot or tying the ends with string		N/A
	- not impair electrical safety		N/A
	Force by table 5 (N)……:		N/A
	Torque by table 5 (Nm)……:		N/A
	After any of the tests:		N/A
	- the longitudinal displacement of the cable in the cable anchorage shall not be more than 2 mm; and		N/A
	- the cable shall not have turned in the cable anchorage more than 2 revolutions; and		N/A
	- electrical safety shall not be impaired		N/A
9.101	**Assembling**		P
	System components shall fit correctly		P
9.102	**Contact between liquids and insulated conductors and live parts**		N/A
	CTS/CDS declared according to 6.102.2, 6.102.3 or 6.102.4 shall prevent liquids coming into contact with insulated conductors and live parts during wet-treatment of floor		N/A
	checked by inspection except:		N/A
	design, or		N/A
	manufacturer's instructions restricting the installation position of the CTS/CDS, or		N/A

IEC 61084-2-1			
Clause	Requirement + Test	Result - Remark	Verdict
	manufacturer's instructions allowing all installation positions of the CTS/CDS but restricting the position of insulated conductors and live parts in CTS/CDS		N/A
	For each tested function, the length of any wet area in the strip of absorbent paper shall be shorter than 50 mm		N/A
10.2	**Cable support test**		P
10.2.1	**General test conditions**		P
	The test is carried out on samples each 250 mm ±5 mm long		P
	Trunking length or ducting length having a usable cross sectional area lower than or equal to 500 mm^2 do not need to be tested		N/A
	The load is applied for 120 min (+5/0) min. After this period, the deflection is measured at approximately the middle of the length		P
10.2.2	**Test for wall fixed CTS/CDS**		P
	This test applies to CTS/CDS declared according to 6.101.3.1 and/or 6.101.3.3		P
	Access covers of CTS, non-removable cable separators, cable retainers and the like shall remain adequately fixed so as to fulfil their intended function		P
10.2.3	**Additional test for wall fixed CTS/CDS with removable separator**		N/A
	This test applies to CTS/CDS provided with removable separator and declared according to 6.101.3.1 and/or 6.101.3.3		N/A
	Access covers of CTS, removable cable separators, cable retainers and the like shall remain adequately fixed so as to fulfil their intended function.		N/A
10.2.4	**Test for ceiling fixed CTS/CDS**		N/A
	This test applies to CTS/CDS declared according to 6.101.3.2 and/or 6.101.2.2		N/A

IEC 61084-2-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Access covers of CTS, non-removable cable separators, cable retainers and the like shall remain adequately fixed so as to fulfil their intended function		N/A
10.2.5	**Additional test for ceiling fixed CTS/CDS with removable separator**		N/A
	This test applies to CTS/CDS provided with removable separator and declared according to 6.101.3.2 and/or 6.101.2.2		N/A
	Access covers of CTS, removable cable separators, cable retainers and the like shall remain adequately fixed so as to fulfil their intended function		N/A
10.3	**Impact test**		P
10.3.1	**Impact test for storage and transport**		P
10.3.1.1	The test is carried out on samples each 250 mm ± 5 mm long		P
	Before the test non-metallic components are conditioned at a temperature of Table 3± 2℃ for 168 h continuously (℃)……..:		N/A
10.3.1.2	The samples are placed in a refrigerator at the temperature declared according to Table 1 with a tolerance of ± 2 °C……..……:	-15	P
10.3.1.3	After 2 h, each sample is, in turn, removed from the refrigerator and immediately placed in position in the test apparatus		P
10.3.1.4	After the test the samples shall show no signs of disintegration nor there be any cracks or similar damages visible to normal or corrected vision without magnification that are likely to impair safety		P
	The assembly is opened to check that any internal cracks do not impair electrical safety		P
10.3.2	**Impact test for installation and application**		P
	The test is carried out according to the resistance to impact declared according to Table 6, at the temperature declared according to Table 2 with a tolerance of ± 2 °C……:	1J; 0,25kg; 400mm; +5°C	P

IEC 61084-2-1			
Clause	Requirement + Test	Result - Remark	Verdict
	In addition, the manufacturer may declare the CTS/CDS IK code according to IEC 62262 and Annex B of this document		N/A
10.3.2.101 ~10.3.2.103	No impact is applied to knockouts, membranes and the like		N/A
	No impact is applied within 50 mm of any open extremity of the sample		P
10.3.2.104	After the test, the assemblies shall show no cracks or similar damage visible to normal or corrected vision without magnification and		P
	the assemblies shall remain intact		P
	such that safety is not impaired		P

Important

1. The test report is invalid without the official stamp of CVC.

2. Any part photocopies of the test report are forbidden without the written permission from CVC.

3. The test report is invalid without the signatures of tester, reviewer and approver.

4. The test report is invalid if altered.

5. Objections to the test report must be submitted to CVC within 15 days.

6. Generally, commission test results apply to the samples as received. The sample information is provided by the applicant and CVC is not responsible for its authenticity.

7. As for the test result, “—” or “N” or “ N/A” means “not applicable”, “ / ”means “not testing”, “P” means “pass” and “F” means “fail”.

*** The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented. ***

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