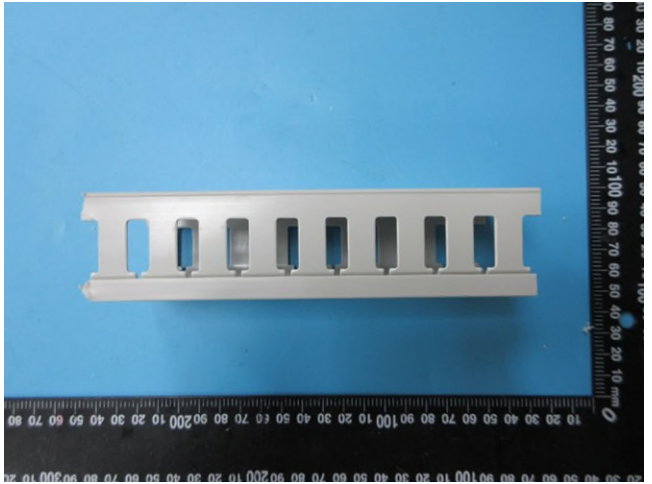


Prüfbericht-Nr.: Test report no.:	CN24G56W 003	Auftrags-Nr.: Order no.:	180323881	Seite 1 von 17 Page 1 of 17
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2025-02-13	
Auftraggeber: Client:	EASCO ELECTRICAL (JIANG SU) CO., LTD. No.88 Chaoyang Road, Huiping Town, Qidong City, 226265 Jiangsu, P.R. China			
Prüfgegenstand: Test item:	Cable Trunking Length and Cover			
Bezeichnung / Typ-Nr.: Identification / Type no.:	UHF Series (details see page 3)			
Auftrags-Inhalt: Order content:	Type test			
Prüfgrundlage: Test specification:	EN 50085-2-3:2010 EN 50085-1:2005+A1:2013			
Wareneingangsdatum: Date of sample receipt:	2025-02-15			
Prüfmuster-Nr.: Test sample no.:	A003777435			
Prüfzeitraum: Testing period:	2025-02-19 - 2025-03-16			
Ort der Prüfung: Place of testing:	TÜV Rheinland / CCIC (Ningbo) Co., Ltd			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland / CCIC (Ningbo) Co., Ltd			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:			genehmigt von: authorized by:	
Datum: Date:	2026-08-21	Signed by: Qiang Ye	Ausstellungsdatum: Issue date:	2026-08-21
				Signed by: Jane Hu
Stellung / Position:	Project Engineer		Stellung / Position:	Report authorizer
Sonstiges / Other:	This report was issued for correcting the input error in test report No. CN24G56W 002, change testing period from '2025-02-19 - 2024-03-16' to '2025-02-19 - 2025-03-16'. After evaluating, No tests were necessary to be performed, all tests results refer to test report. No CN24G56W 002.			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				

Prüfbericht-Nr.: CN24G56W 003
Test report no.:

Seite 2 von 17
Page 2 of 17

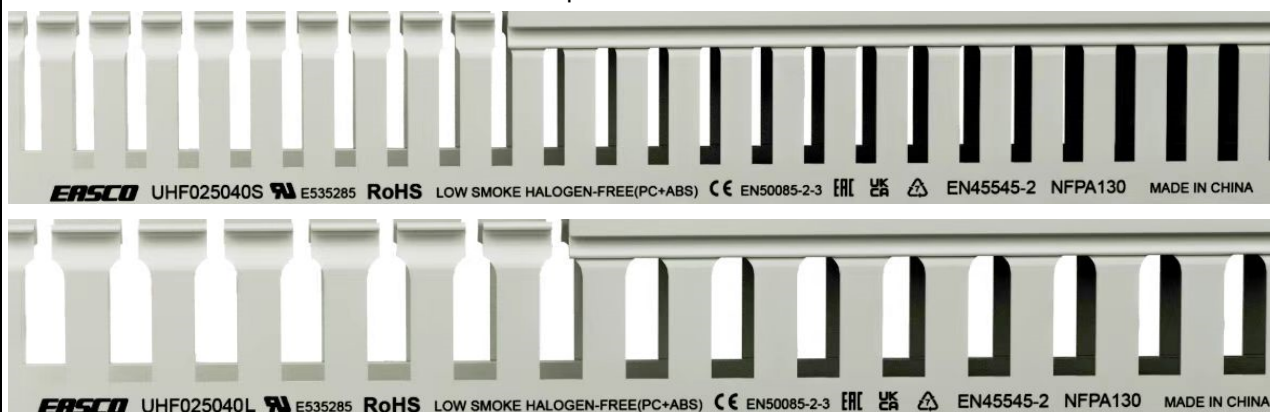
Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen/ Measuring results - Remarks	Ergebnis Result
1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>		
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>		
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>		

TEST REPORT EN 50085-2-3 Cable trunking systems and cable ducting systems for electrical installations Part 2-3: Particular requirements for slotted cable trunking systems intended for installation in cabinets	
Report reference No.....	CN24G56W 003
Compiled by (+ signature)	See cover sheet
Approved by (+ signature)	See cover sheet
Date of issue.....	See cover sheet
Testing laboratory.....	TÜV Rheinland / CCIC (Ningbo) Co., Ltd.
Address	3F Building C13, R&D Park, No.32 , Lane 299 Guanghua Road, National Hi-Tech Zone, Ningbo, 315048, P.R. China
Testing location	As above
Applicant.....	EASCO ELECTRICAL (JIANG SU) CO., LTD.
Address	No.88 Chaoyang Road, Huiping Town, Qidong City, 226265 Jiangsu P.R. China
Standard	EN 50085-2-3:2010 (in conjunction with EN 50085-1:2005+A1:2013)
Test procedure	Type test
Non-standard test method.....	N/A
Test Report Form No.....	TRF_EN 50085-2-3Ed.1.0
TRF originator.....	TÜV Rheinland
Master TRF.....	Dated 2017-03
Type of test object	Slotted Cable Trunking Length and Cover
Trademark	EASCO
Model/type reference.....	UHF035035L, UHF035050L, UHF080050L, UHF030080L, UHF045080L, UHF050080L, UHF025100L UHF035035S, UHF035050S, UHF080050S, UHF030080S, UHF045080S, UHF050080S, UHF025100S
Manufacturer	Same as applicant
Rating	-25 °C to 90 °C

Summary of testing:	
Tests performed (name of test and test clause): All relevant test performed and passed.	Testing location: TÜV Rheinland / CCIC (Ningbo) Co., Ltd. 3F Building C13, R&D Park, No.32 , Lane 299 Guanghua Road, National Hi-Tech Zone, Ningbo, 315048, P.R. China
Summary of compliance with National Differences: N/A	
Possible test case verdicts:	
- test case does not apply to the test object	N/A
- test object does meet the requirement	P (Pass)
- test object does not meet the requirement	F (Fail)
Testing:	
Date of receipt of test item	See cover page
Date (s) of performance of tests	See cover page
General remark:	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(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.	
Manufacturer information:	
Same as applicant	

Copy of marking plate:

Take UHF025040L and UHF025040S for example.

**General product information:**

Slotted Cable Trunking with cover for fixed in cabinets, -25 °C to 90 °C, Non-flame propagating, Max length 2m.

Non-metallic materials:

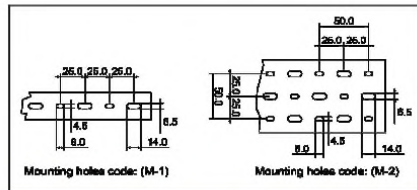
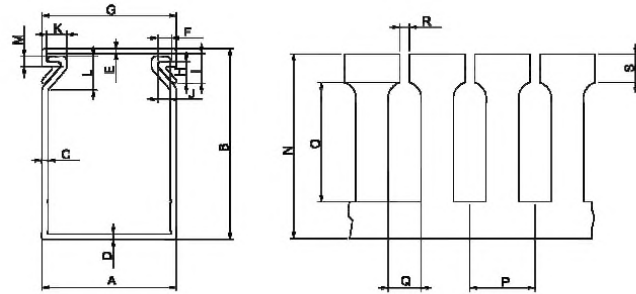
Material	Manufacturer
PC/ABS	EASCO ELECTRICAL (JIANG SU) CO., LTD.

Additional model name list:

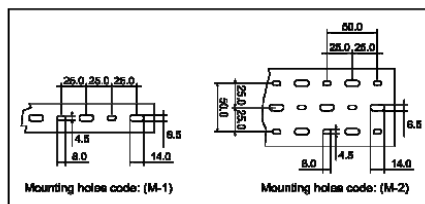
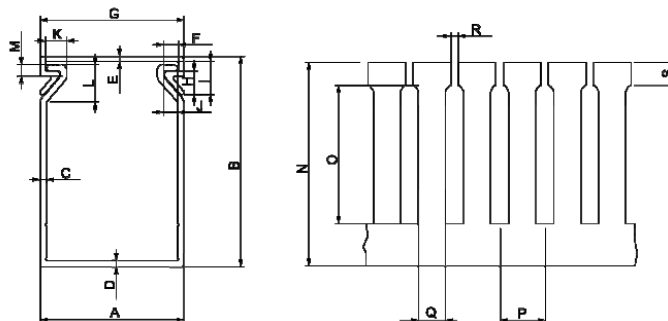
UHF035035L, UHF035050L, UHF080050L, UHF030080L, UHF045080L, UHF050080L, UHF025100L

UHF035035S, UHF035050S, UHF080050S, UHF030080S, UHF045080S, UHF050080S, UHF025100S

Dimensions:



Part No.	WXH	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	Mounting holes code	14AWG /PCS	Length
UHF-L		Bottom channel Width	Side overall Height	Side wall Thickness	Bottom Thickness	Lid Thickness	Lid Latch Lip Width	Lid Width	Lid Lip Height	Lid side overall Height	channel lip Latch Width	channel lip Latch Width	Channel overall Latch Height	Channel Latch	Channel overall Height	Slot Height	Distance between slots, center to center	Slot Width	Detached slot Height	Detached slot Width			
UHF035035L	35 x 35	35.00	35.00	1.60	1.60	1.40	4.15	35.00	6.60	9.45	3.56	6.90	9.80	3.00	33.00	16.00	20.00	10.00	4.00	7.45	M-1	15-25	2m
UHF035050L	35 x 50	35.00	50.00	1.50	1.50	1.40	4.15	35.00	6.60	9.45	3.80	5.85	9.80	4.50	48.00	29.00	20.00	10.00	4.00	7.45	M-1	50-60	2m
UHF080050L	80 x 50	80.00	50.00	1.80	1.80	1.60	4.15	80.00	7.10	9.45	4.15	6.20	9.80	3.30	48.00	29.00	20.00	10.00	4.00	7.85	M-1	150-170	2m
UHF030080L	30 x 80	30.00	80.00	1.80	1.80	1.40	4.15	30.00	6.60	9.45	3.80	5.85	9.80	3.10	78.00	55.00	20.00	10.00	4.00	7.85	M-2	100-120	2m
UHF045080L	45 x 80	45.00	80.00	1.80	1.80	1.50	4.15	45.00	6.60	9.45	3.80	5.85	9.80	3.10	78.00	55.00	20.00	10.00	4.00	7.85	M-2	190-210	2m
UHF050080L	50 x 80	50.00	80.00	1.80	1.80	1.50	4.15	50.00	6.60	9.45	3.80	5.85	9.80	3.10	78.00	55.00	20.00	10.00	4.00	7.85	M-2	180-210	2m
UHF025100L	25 x 100	25.00	100.00	2.00	2.00	1.40	4.15	33.00	6.60	9.45	3.80	6.20	9.80	3.50	98.00	71.00	20.00	10.00	4.00	8.00	M-2	100-150	2m



Unit :mm

Part No.	WXH	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	Mounting holes code	14AWG/P CS	Length
UHF-S		Bottom channel Width	Side overall Height	Side wall Thickness	Bottom Thickness	Lid Thickness	Lid Latch Lip Width	Lid Width	Lid Lip Height	Lid side overall Height	channel lip Latch Width	channel lip Latch Width	Channel overall Latch Height	Channel Latch	Channel overall Height	Slot Height	Distance between slots, center to center	Slot Width	Detached slot Height	Detached slot Width			
UHF035035S	35 x 35	35.00	35.00	1.60	1.60	1.40	4.15	35.00	6.60	9.45	3.56	6.90	9.80	3.00	33.00	13.00	12.50	5.00	3.00	7.45	M-1	15-25	2m
UHF035050S	35 x 50	35.00	50.00	1.50	1.50	1.40	4.15	35.00	6.60	9.45	3.80	5.85	9.80	4.50	48.00	29.00	12.50	5.00	3.00	7.45	M-1	50-60	2m
UHF080050S	80 x 50	80.00	50.00	1.80	1.80	1.60	4.15	80.00	7.10	9.45	4.15	6.20	9.80	3.30	48.00	29.00	12.50	5.00	3.00	7.85	M-1	150-170	2m
UHF030080S	30 x 80	30.00	80.00	1.80	1.80	1.40	4.15	30.00	6.60	9.45	3.80	5.85	9.80	3.10	78.00	55.00	12.50	5.00	3.00	7.85	M-2	100-120	2m
UHF045080S	45 x 80	45.00	80.00	1.80	1.80	1.50	4.15	45.00	6.60	9.45	3.80	5.85	9.80	3.10	78.00	55.00	12.50	5.00	3.00	7.85	M-2	190-210	2m
UHF050080S	50 x 80	50.00	80.00	1.80	1.80	1.50	4.15	50.00	6.60	9.45	3.80	5.85	9.80	3.10	78.00	55.00	12.50	5.00	3.00	7.85	M-2	180-210	2m
UHF025100S	25 x 100	25.00	100.00	2.00	2.00	1.40	4.15	25.00	6.60	9.45	3.80	6.20	9.80	3.50	98.00	71.00	12.50	5.00	3.00	8.00	M-2	100-150	2m

EN 50085-2-3			
Clause	Requirement - Test		Verdict
6	CLASSIFICATION		—
6.1	According to material		—
	Metallic system		N/A
	Non-metallic system		P
	Composite system		N/A
6.2	According to resistance to impact for installation and application		N/A
6.3	According to temperatures as given in Tables 1 and 3		—
Table 1	Minimum storage and transport temperature		—
	☐ - 45 ☒ - 25 ☐ - 15 ☐ - 5		P
Table 3	Maximum application temperature $\pm 2^{\circ}\text{C}$		—
	☐ + 60 ☒ + 90 ☐ + 105 ☐ + 120		P
6.4	According to resistance to flame propagation		N/A
6.5	According to electrical continuity characteristic		N/A
6.6	According to electrical insulating characteristic		N/A
6.7	According to degrees of protection provided by enclosure according to EN 60529		N/A
6.9	According to the system access cover retention		N/A
6.101	According to the intended installation positions		—
6.101.1	Mounted on vertical or horizontal surface		P
6.101.2	Mounted on vertical or horizontal surface except in a cover down position		N/A
7	MARKING AND DOCUMENTATION		—
7.1	Each system component shall be marked with		—
	- the manufacturer's or responsible vendor's name or trade mark or identification mark		P
	- a product identification mark, which may be, for example, a catalogue number, a symbol or the like		P

EN 50085-2-3			
Clause	Requirement - Test	Result - Remark	Verdict
	When system components other than trunking length, ducting length and apparatus mounting device are supplied in a package and it is not feasible to have both markings legible due to the small size of the item:		N/A
	- if only one legible marking is feasible, it is sufficient to mark the product identification on the smallest supplied package, the name or trade mark being marked on the product,		N/A
	- if no legible marking is feasible, it is sufficient to place both markings on the smallest supplied package".		N/A
	When it is not possible to have a legible marking on small components, due to the small size of the item, it is sufficient to place these markings on the smallest supplied package		N/A
	Flame propagating system component shall be clearly identified as being flame propagating on the system component and on the smallest supplied package or label		N/A
	When it is not feasible to have this identification mean on small system components, due to the small size of the item, it is sufficient to place this identification mean on the smallest supplied package		N/A
7.2	Marking shall be durable and easily legible		P
	Check by rubbing the marking by hand for 15 s with a piece of cotton cloth soaked with water and again for 15 s with a piece of cotton cloth soaked with petroleum spirit.		P
	After the rubbing test, the marking shall be legible.		P
7.3	The manufacturer shall provide in his documentation all information necessary for the proper and safe installation and use. It shall include:		—
	- components of the system,		P
	- function of the system components and their assemblies		P
	- classification of the system in accordance with Clause 6		
	- linear impedance, in Ω/m , of trunking length or ducting length of system declared according to 6.5.1		N/A
	- rated voltage of CTS/CDS declared according to 6.6.2		N/A
	- usable cross sectional area, in mm^2 , for cables of the CTS/CDS		P

EN 50085-2-3			
Clause	Requirement - Test	Result - Remark	Verdict
	- instructions to reach the declared classification and functions of the system		P
7.4	Correct symbols used		P
	For the marking of rated current and rated voltage the figures may be used alone		N/A
8	DIMENSIONS		—
8.101	Preferred solution for fixing holes, if any, in the base of the slotted trunking lengths:		—
	- trunking lengths with a nominal width less or equal to 12,5 mm should preferably have one row of small holes only		P
	- trunking lengths with a nominal width greater than 12,5 mm and less or equal to 62,5 mm, should preferably have one row of holes only		P
	- trunking lengths with a nominal width greater than 62,5 mm should preferably have two or more rows of holes, positioned at a distance of 25 mm or 50 mm apart, symmetrically located from the trunking centre line		P
9	CONSTRUCTION		—
9.1	Sharp edges		P
	Any surface or edge shall not damage the insulated conductors or cables		P
	Compliance is checked by inspection, if necessary after cutting the samples apart		P
	Screws, studs or other securing devices provided shall be fitted so as not to damage the insulated conductors or cables		N/A
9.2	Apparatus mounting		N/A
	If the CTS/CDS is provided with means for the mounting of apparatus, these means shall adequately secure this apparatus.		N/A
	Compliance is checked by the test of 10.5		N/A
9.3	Means for protective separation and/or retention		P
	If the CTS/CDS is provided with means for the protective separation and/or retention, these means shall have adequate mechanical performance to fulfil their function		P
	Compliance is checked by the tests of 10.2.		P
9.4	Mechanical connections		N/A

EN 50085-2-3			
Clause	Requirement - Test	Result - Remark	Verdict
	Screwed connections and other mechanical connections shall withstand the mechanical stresses during installation and normal use		N/A
	Screws shall be one or more of the following:		—
	a) ISO-metric threads,		N/A
	b) thread forming type,		N/A
	c) thread cutting type if suitable design provisions are made;		N/A
	d) threads other than a) to c) as specified by the manufacturer		N/A
	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		N/A
	Compliance is checked by the tests of 9.4.1, 9.4.2 and 9.4.3 respectively		N/A
9.4.1	Screws intended for re-use shall not be tightened by sudden or jerky motions		N/A
	To test the screw it shall be tightened and removed:		—
	– 10 times for metal screws in engagement with a thread of non-metallic material and for screws of non-metallic material, or		N/A
	– 5 times in all other cases		N/A
	The test is carried out using a suitable screwdriver or spanner to apply a torque, as specified by the manufacturer. In case the manufacturer does not specify the torque, the values of Table 4 apply		N/A
	After the test there shall be no damage that will impair the further use of the screwed connection		N/A

Table 4	Torque values for the test of screwed connections			
	Nominal thread $\varnothing$ (mm)	Torque for metal screws (Nm)		—
	4,2	1,8		N/A
	3,9	1,2		N/A
	3,5	0,8		N/A
	2,6	0,4		N/A

9.4.2	Mechanical connections intended for re-use other than screwed connections, shall be fitted and removed 10 times		N/A
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EN 50085-2-3			
Clause	Requirement - Test	Result - Remark	Verdict
	After the test there shall be no damage to impair the further use of the mechanical connection		N/A
9.4.3	Mechanical connections not intended for re-use are checked by inspection		N/A
9.5	Accessible conductive parts		N/A
9.6	Equipotential bonding		N/A
9.7	Access to live parts		N/A
9.8	Inlet openings		N/A
9.9	Membranes		N/A
9.10	Cable restrainer		N/A
9.11	Internal protective partition		N/A
9.12	Cable anchorage		N/A
10	MECHANICAL PROPERTIES		—
10.1	Mechanical strength		P
	CTS/CDS shall have adequate mechanical strength		P
	Compliance is checked by the tests of 10.2 to 10.5		P
10.2	Cable support test		—
10.2.1	General test conditions		—
	Before the test non metallic and composite slotted trunking lengths are aged for (168 ± 4) h continuously, at a temperature (°C) :	90°C, 168h	P
	the manufacturer's instructions require the use of cable retainers or dividers, these are fitted according to the manufacturer's instructions		N/A
	Non metallic and composite slotted trunking lengths are tested at the maximum application temperature declared by the manufacturer according to Table 3		P
10.2.2	Slotted trunking lengths are mounted according to Figure 104 a)		P
	After 120 min with the load still applied the vertical deflection F is measured at approximately the middle of the length		P
	F shall not exceed 10 % of the height H with a maximum of 10 mm		P
10.2.3	Slotted trunking lengths classified according to 6.101.1 are mounted according to Figure 104 b)		P

EN 50085-2-3			
Clause	Requirement - Test	Result - Remark	Verdict
	After 120 min with the load still applied the vertical deflection F is measured at approximately the middle of the length		P
	F shall not exceed 10 % of the width W with a maximum of 10 mm		P
10.3	Impact test		—
10.3.1	Impact test for storage and transport		P
10.3.1.1	The test is carried out on samples of trunking lengths or ducting lengths each 250 mm ± 5 mm long.		P
	Before the test, non-metallic system components and composite system components are aged at the temperature declared according to Table 3 for 168 h continuously	90°C, 168h	P
10.3.1.2	The test apparatus consists basically of a hammer which falls freely from rest through a vertical height on to an intermediate part placed on the sample held in a horizontal plane		P
	The following conditions are also complied with:		—
	– the fall of the hammer is along a guideway, for example a tube, with negligible braking,		P
	– the guideway does not rest on the sample,		P
	– the mass of the hammer is 0,5 kg and the fall height is 100 mm,		P
	– the intermediate part is made in a steel 20 mm diameter cylinder. Its lower surface has a 300 mm bending radius and its mass is 100 g		P
	The samples are placed in a refrigerator at the temperature declared according to Table 1	-25°C, 2h	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
	At 12 s after the removal of the sample from the refrigerator the hammer is allowed to fall so that an impact is applied as far as possible perpendicular to the region likely to be the weakest accessible region. Compliance with impact applied before 10 s provides also compliance with this test of the standard		P
	This test is not applied to wall fingers, knockouts, membranes and the like, and within 50 mm of each end.		P

EN 50085-2-3			
Clause	Requirement - Test	Result - Remark	Verdict
10.3.1.4	After the test the samples shall show no signs of disintegration nor shall there be any cracks or similar damages visible to normal or corrected vision without magnification that are likely to impair safety		P
10.3.2	Impact test for installation and application		N/A
10.4	Linear deflection test		N/A
10.5	External load test		N/A
10.6	System access cover retention		N/A
11	ELECTRICAL PROPERTIES		N/A
12	THERMAL PROPERTIES		P
12.1	Resistance to heat		P
	Non-metallic or composite system components shall have adequate resistance to heat.		P
	Compliance is checked by test of 9.7, 9.9, 10.5, 12.2 and 12.3.		P
12.2	Non-metallic or composite system components necessary to retain current-carrying parts in position are subjected to a ball-pressure test by means of the apparatus shown in Figure 5.	No components are intended to retain current-carrying parts.	N/A
	Before the test is started, the ball and the support on which the sample shall be placed are brought to the temperature specified. The part under test shall be placed on a 3 mm thick steel plate in direct contact with it so as to be supported to withstand the test force.		N/A
	When it is not possible to carry out the test on the sample, the test shall be carried out on a piece of the same material at least 2 mm thick.		N/A
	The surface of the part to be tested is placed in the horizontal position and a steel ball of 5 mm diameter is pressed against the surface with a force of 20 N.		N/A
	The test is carried out in a heating cabinet at a temperature of $125\text{ °C} \pm 2\text{ °C}$. After 1 h, the ball is removed from the sample which is then cooled down within 10 s to approximately room temperature by immersion in cold water.		N/A
	The diameter of the impression caused by the ball is measured and shall not exceed 2 mm.		N/A

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Clause	Requirement - Test	Result - Remark	Verdict
12.3	Non-metallic or composite system components not necessary to retain current-carrying parts in position, but in contact with them and non-metallic or composite system components which retain parts of the protective earthing circuit, are subjected to the ball-pressure test of 12.2 but the test is carried out at a temperature of 70 °C ± 2 °C.		N/A
13	FIRE HAZARD		P
13.1	Reaction to fire		P
13.1.1	Initiation of fire		P
	Non-metallic system components and composite system components which might be exposed to abnormal heat due to electrical effects and deterioration of which might impair the safety of the system, shall not initiate fire.		P
	Compliance is checked by the following test.		P
	The glow-wire test is performed according to Clauses 4 to 10 of EN 60695-2-11 under the following conditions:		P
	– for non-metallic or composite parts of system components necessary to retain current-carrying parts in position, by the test carried out at a temperature of 850 °C;		N/A
	– for non-metallic or composite parts of system components not necessary to retain current-carrying parts and parts of the earthing circuit in position, but in contact with them, by the test carried out at a temperature of 650°C.		P
	Small parts, such as washers, are not subjected to the test of this subclause.		N/A
	The tests are not carried out on parts of ceramic material.	No such parts.	N/A
	If possible, the sample should be a complete system component.		P
	If the test cannot be carried out on a complete system component, a suitable part may be cut from it for the purpose of the test.		P
	The test is carried out on one sample that is permitted to be tested at more than one point.		P
	In case of doubt, the test shall be repeated on two further samples.		P

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Clause	Requirement - Test	Result - Remark	Verdict
	The test is carried out by applying the glow-wire once for 30 s		P
	The sample is regarded as having passed the glow-wire test if		P
	– there is no visible flame and no sustained glowing, or if		P
	– flames or glowing of the sample extinguish within 30 s after the removal of the glow-wire		N/A
	There shall be no ignition of the tissue paper or scorching of the board		P
13.1.2	Contribution to fire		—
	Non metallic system components and composite system components shall not actively contribute to fire.		P
	Compliance is checked by the following test		P
	The glow-wire test is performed according to Clauses 4 to 10 of EN 60695-2-11 on all parts under the conditions specified in 13.1.1 at a temperature of 650 °C		P
	Parts, which have already been tested at 650 °C or 850 °C according to 13.1.1, are not tested again at this temperature		P
	Small parts and parts in ceramic material are not tested	No such parts.	N/A
13.1.3	Spread of fire		—
	Slotted cable trunking systems shall either not ignite or if ignited, shall not continue to burn		P
	Non-metallic system component or metallic system component coated in paint or any other substance is to be considered as a composite system component and tested accordingly.		P
	Compliance is checked as follows:		—
	– for slotted trunking lengths of non-metallic or composite material by the following flame test;		P
	– for other system components of non-metallic or composite material by the test of 13.1.1 at a temperature of 650 °C		N/A
	The test is performed according to Clauses 1 to 5, 8, 10, 11 and 13 of EN 60695-11-5:2005 and the following conditions:		—
	– the test is carried out on two sets of samples (675 ± 10) mm long		P

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Clause	Requirement - Test	Result - Remark	Verdict
	– the slotted trunking length is placed vertically with its lower extremity (100 ± 5) mm above the tissue covered wooden board as shown in Figure 105 in a rectangular metal enclosure with an open face as shown in Figure 4		P
	– the burner is positioned on the samples of the first set in such a way that the axis forms an angle of 45° with the horizontal one and the flame is applied centrally to the boundary of an opening of the wall approximately 200 mm above the wrapping tissue covered wooden board, the end of the burner tube being distanced 5 mm from the sample		P
	– the test is repeated on the samples of the second set but with the burner applied to one extremity of the cover preferably on the edge with the thinnest wall thickness or to the boundary of a slot, if there is any		P
	– a severity of 60 s is used		P
	The sample is regarded as having passed the test if		—
	- it does not ignite, or if		P
	- in the case of ignition, the following three conditions are fulfilled:		—
	1) the flame extinguishes within 30 s after removal of the test flame		N/A
	2) there is no ignition of the wrapping paper or scorching of the board		N/A
	3) after wiping of the sample, there is no evidence of burning or charring above 50 mm below the lower extremity of the upper clamp		N/A
13.1.4	Additional reaction to fire characteristics		—
	Under consideration		—
13.2	Resistance to fire		N/A
14	EXTERNAL INFLUENCES		—
14.1	Degree of protection provided by enclosure		N/A
14.2	Protection against corrosive or polluting substances		—
	Under consideration		—
15	ELECTROMAGNETIC COMPATIBILITY		—

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Clause	Requirement - Test	Result - Remark	Verdict
	Products covered by this standard are, in normal use, passive in respect of electromagnetic influences (emission and immunity)		N/A
Annex C	CTS/CDS IK code		N/A
	The manufacturer may declare the CTS/CDS IK code according to EN 50102 under the following conditions.	No IK code is declared by the manufacturer.	N/A
	The declared code shall be IK04 at the minimum.		N/A
	The test shall be carried out at ambient temperature using pendulum hammer		N/A
	Before the test, non-metallic system components and composite system components are aged at the temperature declared according to Table 3 for 168 h continuously.		N/A
	The conditions for mounting, assembling and positioning the samples, the number of impacts and their points of application together with the test compliance are described in the appropriate Part 2 of EN 50085, in the impact test for installation and application.		N/A