Dieses Dokument enthält die technischen Anforderungen, Sicherheitshinweise und notwendige Zertifikate zur Aufstellung des GREENMNKY Glassmaster Ai in -Einkaufszentren und Flughäfen.

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1. Checkliste
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7. Brandschutzkonzept
8. Elektrischer Anschluss
9. Aufstellhinweise
10. Ansprechpartner
11. Anlagen

1. Checkliste

✓ Produktspezifikationen
✓ Sicherheitsprüfung (FI, Temperatur, Schutzart)
✓ Konformitätserklärungen
✓ Brand- und Umweltschutz
✓ Aufstellhinweise
✓ Ansprechpartner

2. Produktinformationen

Modell: GREENMNKY Glassmaster
Maße: 90 cm (B) × 100 cm (T) × 185 cm (H)
Gewicht: ca. 400 kg
Material: Aluminium / Kunststoff / gehärtetes Glas
Stromversorgung: 230 V, 50 Hz
Leistungsaufnahme: 150 W Standby; max. 600 W im Betrieb
Display: Touchscreen 31,5”
Bezahloptionen: Kartenterminal & Code via Voucher
Anwendungsbereich: Schutzfolien-Applikation (Panzerglas, etc.)



3. Sicherheitshinweise

– FI-Schalter integriert
– Temperaturüberwachung mit automatischer Abschaltung
– Gerät entspricht den VDE-Richtlinien
– Elektrische Bauteile gemäß EN-Normen geprüft

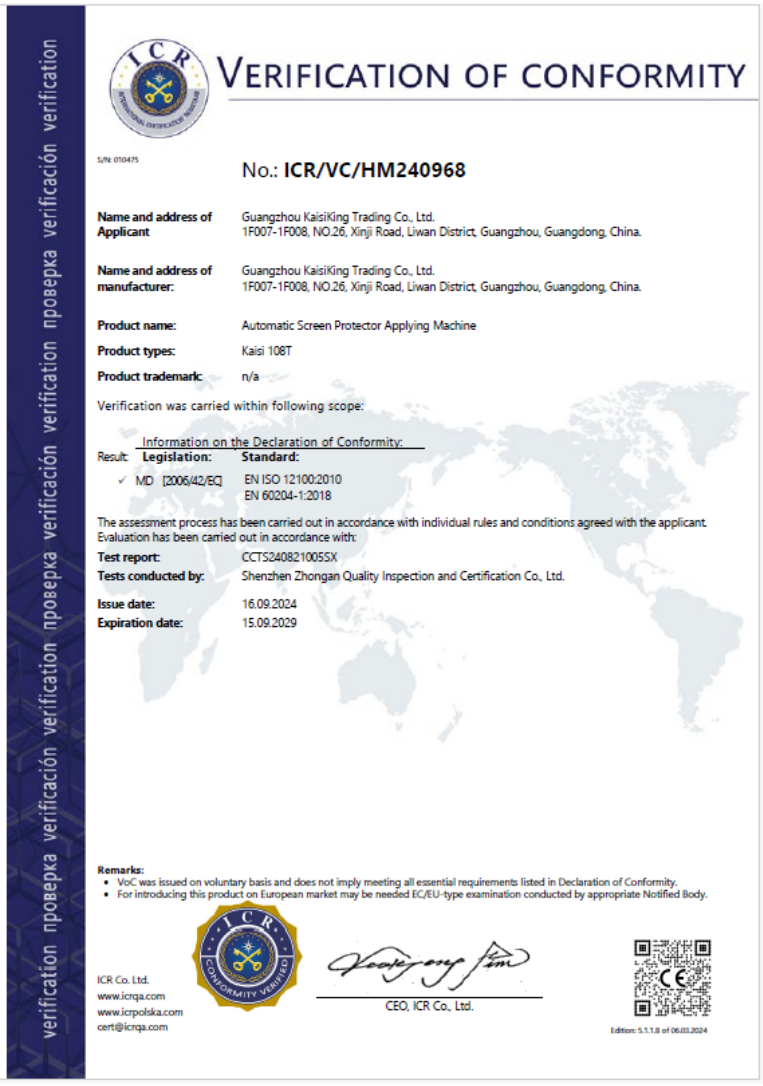
4. Umwelt- & Nachhaltigkeitsinformationen

– Kein Verpackungsmüll: Vor-Ort-Produktion „onDemand“
– Ressourcenschonende Herstellung
– Reduktion von Transportwegen

5. Rechtliche Nachweise und Zertifikate

Folgende Zertifikate sind Bestandteil dieses Dokuments:

→ EN ISO 12100:2012 & EN 60204-1:2018)



verification проверка verificación verification проверка verificación verification проверка verificación verification

VERIFICATION OF CONFORMITY

S/N: 010475

No.: **ICR/VC/HM240968**

Name and address of Applicant	Guangzhou KaisiKing Trading Co., Ltd. 1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.
Name and address of manufacturer:	Guangzhou KaisiKing Trading Co., Ltd. 1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.
Product name:	Automatic Screen Protector Applying Machine
Product types:	Kaisi 108T
Product trademark:	n/a

Verification was carried within following scope:

Information on the Declaration of Conformity:

Result:	**Legislation:**	**Standard:**
✓	MD [2006/42/EC]	EN ISO 12100:2010 EN 60204-1:2018

The assessment process has been carried out in accordance with individual rules and conditions agreed with the applicant.
Evaluation has been carried out in accordance with:

Test report:	CCTS240821005SX
Tests conducted by:	Shenzhen Zhongan Quality Inspection and Certification Co., Ltd.
Issue date:	16.09.2024
Expiration date:	15.09.2029

Remarks:
- VoC was issued on voluntary basis and does not imply meeting all essential requirements listed in Declaration of Conformity.
- For introducing this product on European market may be needed EC/EU-type examination conducted by appropriate Notified Body.

ICR Co. Ltd.
www.icrqa.com
www.icrpolska.com
cert@icrqa.com

CEO, ICR Co., Ltd.

Edition: 5.1.1.8 of 06.03.2024



→ CE-Zertifikat (EN 60204-1:2018, EN ISO 12100:2010)

EC DECLARATION OF CONFORMITY

THIS IS HEREBY DECLARED THAT FOLLOWING DESIGNATED PRODUCT COMPLIED WITH THE ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF 2006/42/EC MD ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO IT.

MANUFACTURER
Guangzhou KaisiKing Trading Co., Ltd.
1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.

Applicant
Guangzhou KaisiKing Trading Co., Ltd.
1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.

NAME AND ADDRESS OF PERSON AUTHORIZED TO COMPILE THE TECHNICAL FILE

DESCRIPTION OF MACHINERY
PRODUCT NAME: Automatic Screen Protector Applying Machine
MODEL TYPE: Kaisi 108T
BRAND NAME: N/A

APPLICABLE STANDARDS
EN 60204-1:2018, EN ISO 12100:2010

THIS DECLARATION APPLIES TO ALL SPECIMENS MANUFACTURED IDENTICAL TO THE MODEL SUBMITTED FOR TESTING / EVALUATION. ASSESSMENT OF COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS RELATING TO SAFETY STANDARDS LISTED ABOVE WAS PERFORMED BY MANUFACTURE.

SIGNED ON BEHALF OF Guangzhou KaisiKing Trading Co., Ltd.

CE

SIGNATURE
TITLE
PLACE
DATE 2024-09-02

Der vollständige Test Report liegt vor und kann jederzeit zur Verfügung gestellt werden.

CCTS

SAFETY TEST REPORT

MEASUREMENT AND TEST REPORT

For

Guangzhou KaisiKing Trading Co., Ltd.

1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.

Model: Kaisi 108T

2024-09-02

This Report Concerns:	Equipment Type:
☒ Original Report	Automatic Screen Protector Applying Machine

Test Standard:	EN 60204-1:2018, EN ISO 12100:2010
Report Number:	CCTS240821005SX
Test Date:	2024-08-21 to 2024-09-02
Test category:	Consignment test
Prepared By:	**Shenzhen Zhongan Quality Inspection and Certification Co., Ltd.** Room 301&313, No. 20, Xinhe Road, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China Tel: 4008-078-685 E-mail: service@ccts-lab.com Web: www.ccts-lab.com

Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior written consent of CCTS.

TEST REPORT
EN 60204-1
Safety of machinery - Electrical equipment of machines
Part 1: General requirements
EN ISO 12100
Safety of machinery - General principles for design - Risk assessment and risk reduction

Report reference No.	:	CCTS240821005SX
Date of issue	:	2024-09-02
Testing laboratory		
Name	:	Shenzhen Zhongan Quality Inspection and Certification Co., Ltd.
Address	:	Room 301&313, No. 20, Xinhe Road, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China
Client		
Name	:	Guangzhou KaisiKing Trading Co., Ltd.
Address	:	1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.
Test specification		
Standard	:	EN 60204-1:2018, EN ISO 12100:2010
Test procedure	:	CE-MD
Procedure deviation	:	N.A.
Non-standard test method.	:	N.A.
Test Report Form No.	:	IEC60204_1C
TRF originator	:	Eurofins Electric & Electronic Product Testing AG
Master TRF	:	Dated: 2019-11-15

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Test item		
Description	:	Automatic Screen Protector Applying Machine
Model No.	:	Kaisi 108T
Trademark	:	N/A
Manufacturer	:	Guangzhou KaisiKing Trading Co., Ltd.
Address	:	1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.
Rating(s)	:	100-240V~, 50/60Hz, 3A



→ IEC Test Report (IEC 62368-1)

CTB

TEST REPORT
IEC 62368-1
Audio/video, information and communication technology equipment
Part 1: Safety requirements

Report Number:	CTB240701029SX
Date of issue:	Jul. 09, 2024
Total number of pages:	84
Testing laboratory	
Name:	Shenzhen CTB Testing Technology Co., Ltd.
Address:	1&2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China
Applicant's name:	Guangzhou KaisiKing Trading Co., Ltd.
Address:	1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.
Test specification:	
Standard:	EN IEC 62368-1:2020+A11:2020
Test procedure:	Safety report
Non-standard test method:	N/A
TRF template used:	IECEE OD-2020-F1:2021, Ed.1.4
Test Report Form No:	IEC62368_1E
Test Report Form(s) Originator:	UL(US)
Master TRF:	Dated 2022-04-14

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Note:
If there is any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen CTB Testing Technology Co., Ltd. this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client. "★" indicates the testing items were fulfilled by subcontracted lab. "※" indicates the items are not in CNAS accreditation scope.

CTB

Test item description:	Automatic Screen Protector Applying Machine	
Trademark(s):	N/A	
Manufacturer:	Guangzhou KaisiKing Trading Co., Ltd.	
Address:	1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.	
Model/Type reference:	Kaisi 108T	
Ratings:	Input: 100-240V~, 50/60Hz, 3A	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
☒ **Testing Laboratory:**	Shenzhen CTB Testing Technology Co., Ltd.	
Testing location/ address:	1&2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China	
Tested by (name, function, signature):	Jerry Qin (Test Engineer)	Jerry Qin
Check by (name, function, signature):	Finerb Bai (Supervisor)	
Approved by (name, function, signature):	Kubo Lee (Chief Engineer)	

List of Attachments (including a total number of pages in each attachment):
ATTACHMENT 1: EN IEC 62368-1:2020+A11:2020 (NATIONAL DEVIATION). (21 pages)
ATTACHMENT 2: PHOTO DOCUMENTATION(13 pages).

Summary of testing:

Tests performed (name of test, test clause and date test performed): The submitted samples were found to comply with the requirements of: EN IEC 62368-1:2020+A11:2020	**Testing location:** Shenzhen CTB Testing Technology Co., Ltd. 1&2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China

Summary of compliance with National Differences (List of countries addressed):
EU group differences, the United Kingdom.
CENELEC member countries (EU group differences): Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland.
☒ **The product fulfils the requirements of EN IEC 62368-1:2020+A11:2020.**

Der gesamte Report liegt vor uns kann abgefragt werden, hier einmal die kritischen Komponenten:

CTB

IEC 62368-1

Clause	Requirement + Test	Result - Remark	Verdict
4.1.2	**TABLE: List of critical components**		P

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1]
Metal enclosure	Interchangeable	Interchangeable	Min. 1.0 mm thickness	EN IEC 62368-1	Tested with appliance
PCB	JIANGMEN BENLIDA PRINTED CIRCUIT CO., LTD	BLD-B	V-0, 130 °C	UL 796	UL E203640
(Alternative)	Interchangeable	Interchangeable	V-1 or better, min. 130 °C	UL 796	UL
Power plug (EU)	Sheng Yi Electrical Factory	SY-22	16 A, 250 V~	DIN VDE 0620-2-1 (VDE 0620-2-1):2016-01 DIN VDE 0620-2-1/A1 (VDE 0620-2-1/A1):2017-09	VDE 40007744
Power cord	Sheng Yi Electrical Factory	H05VV-F	3 X 1.0 mm²	EN 50525-2-11	VDE 40023272
Power connector	Sheng Yi Electrical Factory	SY-111	10 A, 250 V~	IEC 60320-1	VDE 40031941
Rocker Switch	LECI Electronics Co., Ltd	RS606	16A, 250VAC	IEC/EN 61058-1	VDE 40021500
Appliance inlet	LECI Electronics Co., Ltd.	DB-14-series	10 A, 250 V~	IEC/EN 60320-1	VDE 40032137
Internal wire (AC input wire)	Dongguan Zelongkang Wire Co., Ltd	1617, 1015	300Vac, 105 °C, 32-16AWG	UL 758	UL E330488
(Alternative)	Interchangeable	Interchangeable	300Vac, 105 °C	UL 758	UL
Internal wire (Earth wire)	SHENZHEN BOXCON TECHNOLOGY CO LTD	1015	600 Vac, 105 °C, 32-16 AWG	UL 758	UL E307606
(Alternative)	Interchangeable	Interchangeable	600Vac, 105 °C	UL 758	UL
Circuit-breakers for overcurrent protection	CHNT	NXBLE-32	230VAC, 50Hz, 6000A	IEC 61009-1	IEC Standard approved

CTB

IEC 62368-1

Clause	Requirement + Test	Result - Remark	Verdict

UPS	Pudis Shield Technology (Shenzhen) Co., Ltd.	BK1100-CH	Input: 100-240 V~, 50/60Hz, 2.5A MAX Output: 100-240 V~, 50/60Hz, 2.3A	IEC 62040-1	IEC Standard approved
Touchscreen Monitor	Shenzhen Yuxin Display Technology Co., Ltd.	YX-320-DR	Input: DC 12V, 5A	IEC 62368-1	IEC Standard approved
Speaker	Interchangeable	Interchangeable	Each 8 Ω, 5W	EN IEC 62368-1	Tested with appliance
Switching Power Supply	MEAN WELL Enterprises Co., Ltd.	LRS-150-12	INPUT: 100-120 V~, 3.0A 200-240 V~, 1.7A 50/60Hz OUTPUT: 12V⎓12.5A	IEC 62368-1	IEC Standard approved
Switching Power Supply	MEAN WELL Enterprises Co., Ltd.	LRS-450-48	INPUT: 100-120 V~, 10A 200-240 V~, 6A 50/60Hz OUTPUT: 48V⎓9.4A	IEC 62368-1	IEC Standard approved
Switching Power Supply	MEAN WELL Enterprises Co., Ltd.	LRS-600-24	INPUT: 100-120 V~, 12A 200-240 V~, 7.5A 50/60Hz OUTPUT: 24V⎓25A	IEC 62368-1	IEC Standard approved

Supplementary information:
[1] Provided evidence ensures the agreed level of compliance. See OD-CB2039.



Verification of Conformity – Low Voltage Directive (LVD)

Test Standards: EN IEC 62368 -1 : 2020+A11:2020



VERIFICATION OF CONFORMITY

CTB

VERIFICATION OF CONFORMITY

EU - LOW VOLTAGE DIRECTIVE (LVD) -
No. CTB240701029SX-ZS

Applicant	:	Guangzhou KaisiKing Trading Co., Ltd.
Address	:	1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.
Manufacturer	:	Guangzhou KaisiKing Trading Co., Ltd.
Address	:	1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.
Product	:	Automatic Screen Protector Applying Machine
Trade Name	:	N/A
Model(s)	:	Kaisi 108T
Test Report No.	:	CTB240701029SX
Test Standards	:	EN IEC 62368-1:2020+A11:2020

The tests that base on the above designated product Complies with the essential requirements of Council Directive 2014/35/EU relating to Electrical Equipment designed for use within certain voltage limits.
The test results apply only to the particular sample tested and the applicative tests carried out.
The CE markings as shown below can be affixed on product after manufacturer carry out all stipulation activities integrally of above mentioned Regulation (Directive) and preparation of necessary technical documentation as well as the conformity declaration.
This statement is based on a single evaluation of sample of above mentioned product. It does not imply an assessment of the whole production process.
Other relevant Regulations (Directive) requirement have to be observed.

CE

Kubo Lee (Chief engineer)
Jul. 09, 2024

Shenzhen CTB Testing Technology Co., Ltd.
Add: 1&2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China
Web: http:// www.ctb-lab.net Tel: 4008-707-283 Email: ctb@ctb-lab.net

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VERIFICATION OF CONFORMITY

CTB

VERIFICATION OF CONFORMITY

EU - LOW VOLTAGE DIRECTIVE (LVD) -
No. CTB240701029SX-ZS

Additional information:

Parameters	:	Input: 100-240V~, 50/60Hz, 3A
Factory	:	Guangzhou KaisiKing Trading Co., Ltd.
Address	:	1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.

CE

Kubo Lee (Chief engineer)
Jul. 09, 2024

Shenzhen CTB Testing Technology Co., Ltd.
Add: 1&2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China
Web: http:// www.ctb-lab.net Tel: 4008-707-283 Email: ctb@ctb-lab.net

Page 2 of 2

Verification of conformity – Product Safety of Electrical Appliance & Materials



VERIFICATION OF CONFORMITY

CTB

VERIFICATION OF CONFORMITY

-Product Safety of Electrical Appliance & Materials -
-電気および材料製品の安全性-
No. CTB240701030SX-ZS

申請者 Applicant	:	Guangzhou KaisiKing Trading Co., Ltd.
住所 Address	:	1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.
製造者 Manufacturer	:	Guangzhou KaisiKing Trading Co., Ltd.
住所 Address	:	1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.
製品 Product	:	Automatic Screen Protector Applying Machine
商号 Trade Name	:	N/A
型番 Type:	:	Kaisi 108T
試験報告書番号: Test Report No.	:	CTB240701030SX, CTB240613060EX
測定基準 Test Standards	:	J62368-1(2023), J55032(H29)

上記の指定された製品に基づくテストは、上記の規格の基本的な要件に準拠しています。
テストは通常の操作モードで行われました。テスト結果はテストされた特定のサンプルと実行された定のテストにのみ適用されます。
この証明書は、当社のテスト参照番号でのみ調査されたサンプルに特に適用されます。
以下に示すPSEマーキングは、必要な技術文書の作成後に製品に貼付することができます。
The tests that base on the above designated product Complies with the essential requirements of above mentioned standard.
The tests were performed in normal operation mode, The test results apply only to the particular samp tested and to the specific tests carried out.
This certificate applies specifically to the sample investigated in our test reference number only.
The PSE markings as shown below can be affixed on the product after preparation of necessary technical documentation.

PS E

Kubo Lee (Chief engineer)
Jul. 09, 2024

Shenzhen CTB Testing Technology Co., Ltd
Add: 1&2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China
Web: http://www.ctb-lab. net Tel: 4008-707-283 Email: ctb@ctb-lab. net

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VERIFICATION OF CONFORMITY

CTB

VERIFICATION OF CONFORMITY

-Product Safety of Electrical Appliance & Materials -
-電気および材料製品の安全性-
No. CTB240701030SX-ZS

Additional information:
追加情報:

定格入力 Parameters	:	Input: 100-240V~, 50/60Hz, 3A
生産工場 Factory	:	Guangzhou KaisiKing Trading Co., Ltd.
住所 Address	:	1F007-1F008, NO.26, Xinji Road, Liwan District, Guangzhou, Guangdong, China.

PS E

Kubo Lee (Chief engineer)
Jul. 09, 2024

Shenzhen CTB Testing Technology Co., Ltd
Add: 1&2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China
Web: http://www.ctb-lab. net Tel: 4008-707-283 Email: ctb@ctb-lab. net

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Test Report IEC 62368-1

Clause	Requirement + Test	Result - Remark	Verdict
5.7.7.2	Prospective touch voltage and touch current associated with paired conductor cables		N/A
5.7.8	Summation of touch currents from external circuits		N/A
	a) Equipment connected to earthed external circuits, current (mA)		N/A
	b) Equipment connected to unearthed external circuits, current (mA)		N/A
5.8	**Backfeed safeguard in battery backed up supplies**		N/A
	Mains terminal ES	(See appended table 5.8)	N/A
	Air gap (mm)		N/A
6	**ELECTRICALLY- CAUSED FIRE**		P
6.2	**Classification of PS and PIS**		P
6.2.2	Power source circuit classifications	(See appended table 6.2.2)	P
6.2.3	Classification of potential ignition sources	See below.	P
6.2.3.1	Arcing PIS	Primary circuits are considered as arcing PIS.	P
6.2.3.2	Resistive PIS	All components located within the EUT are considered as resistive PIS.	P
6.3	**Safeguards against fire under normal operating and abnormal operating conditions**		P
6.3.1	No ignition and attainable temperature value less than 90 % defined by ISO 871 or less than 300 °C for unknown materials	(See appended table 5.4.1.4, 9.3, B.1.5, B.2.6)	P
	Combustible materials outside fire enclosure		N/A
6.4	**Safeguards against fire under single fault conditions**		P
6.4.1	Safeguard method	Method of Control fire spread used.	P
6.4.2	Reduction of the likelihood of ignition under single fault conditions in PS1 circuits		P
6.4.3	Reduction of the likelihood of ignition under single fault conditions in PS2 and PS3 circuits		N/A
6.4.3.1	Supplementary safeguards		P
6.4.3.2	Single Fault Conditions	(See appended table B.4)	P
	Special conditions for temperature limited by fuse		N/A
6.4.4	Control of fire spread in PS1 circuits		N/A
6.4.5	Control of fire spread in PS2 circuits	See below.	P

Clause	Requirement + Test	Result - Remark	Verdict
6.4.5.2	Supplementary safeguards	Compliance detailed as follows: - Printed board: rated V-1 or VTM-1 min. class material; Other components other than PCB and wires are: - mounted on PCB rated V-1 or VTM-1 min., or - made of V-2, VTM-2 or HF2 min. Detail see table 4.1.2	P
6.4.6	Control of fire spread in PS3 circuits		P
6.4.7	Separation of combustible materials from a PIS		P
6.4.7.2	Separation by distance		P
6.4.7.3	Separation by a fire barrier		P
6.4.8	Fire enclosures and fire barriers	Metal enclosure provided as fire enclosure	P
6.4.8.2	Fire enclosure and fire barrier material properties		P
6.4.8.2.1	Requirements for a fire barrier		N/A
6.4.8.2.2	Requirements for a fire enclosure		P
6.4.8.3	Constructional requirements for a fire enclosure and a fire barrier	See below	P
6.4.8.3.1	Fire enclosure and fire barrier openings		P
6.4.8.3.2	Fire barrier dimensions		N/A
6.4.8.3.3	Top openings and properties	No openings	N/A
	Openings dimensions (mm)		N/A
6.4.8.3.4	Bottom openings and properties	No openings	N/A
	Openings dimensions (mm)		N/A
	Flammability tests for the bottom of a fire enclosure	Metal enclosure	N/A
	Instructional Safeguard		N/A
6.4.8.3.5	Side openings and properties	No opening near PIS	N/A
	Openings dimensions (mm)		N/A
6.4.8.3.6	Integrity of a fire enclosure, condition met: a), b) or c)		N/A
6.4.8.4	Separation of a PIS from a fire enclosure and a fire barrier distance (mm) or flammability rating	Metal enclosure	N/A
6.4.9	Flammability of insulating liquid		N/A
6.5	**Internal and external wiring**		P

Clause	Requirement + Test	Result - Remark	Verdict
6.5.1	General requirements	The material of VW-1 on internal wiring were considered compliance equal to equivalent to IEC/TS 60695-11-21 relevant standards	P
6.5.2	Requirements for interconnection to building wiring	No such interconnection to building wiring.	N/A
6.5.3	Internal wiring size (mm^2) for socket-outlets	See appended table 4.1.2	N/A
6.6	**Safeguards against fire due to the connection to additional equipment**		P
7	**INJURY CAUSED BY HAZARDOUS SUBSTANCES**		N/A
7.2	**Reduction of exposure to hazardous substances**		N/A
7.3	**Ozone exposure**		N/A
7.4	**Use of personal safeguards or personal protective equipment (PPE)**		N/A
	Personal safeguards and instructions		—
7.5	**Use of instructional safeguards and instructions**		N/A
	Instructional safeguard (ISO 7010)		—
7.6	**Batteries and their protection circuits**		N/A
8	**MECHANICALLY-CAUSED INJURY**		P
8.2	**Mechanical energy source classifications**		P
8.3	**Safeguards against mechanical energy sources**		P
8.4	**Safeguards against parts with sharp edges and corners**		P
8.4.1	Safeguards	Accessible edges and corners of the equipment are rounded and are classified as MS1.	P
	Instructional Safeguard		N/A
8.4.2	Sharp edges or corners	MS1	P
8.5	**Safeguards against moving parts**		N/A
8.5.1	Fingers, jewellery, clothing, hair, etc., contact with MS2 or MS3 parts		N/A
	MS2 or MS3 part required to be accessible for the function of the equipment		N/A
	Moving MS3 parts only accessible to skilled person		N/A
8.5.2	Instructional safeguard		N/A
8.5.4	Special categories of equipment containing moving parts		N/A
8.5.4.1	General		N/A
8.5.4.2	Equipment containing work cells with MS3 parts		N/A

Clause	Requirement + Test	Result - Remark	Verdict
8.5.4.2.1	Protection of persons in the work cell		N/A
8.5.4.2.2	Access protection override		N/A
8.5.4.2.2.1	Override system		N/A
8.5.4.2.2.2	Visual indicator		N/A
8.5.4.2.3	Emergency stop system		N/A
	Maximum stopping distance from the point of activation (m)		N/A
	Space between end point and nearest fixed mechanical part (mm)		N/A
8.5.4.2.4	Endurance requirements		N/A
	Mechanical system subjected to 100 000 cycles of operation		N/A
	- Mechanical function check and visual inspection		N/A
	- Cable assembly		N/A
8.5.4.3	Equipment having electromechanical device for destruction of media		N/A
8.5.4.3.1	Equipment safeguards		N/A
8.5.4.3.2	Instructional safeguards against moving parts		N/A
8.5.4.3.3	Disconnection from the supply		N/A
8.5.4.3.4	Cut type and test force (N)		N/A
8.5.4.3.5	Compliance		N/A
8.5.5	High pressure lamps		N/A
	Explosion test		N/A
8.5.5.3	Glass particles dimensions (mm)		N/A
8.6	**Stability of equipment**		P
8.6.1	General	MS3	P
	Instructional safeguard	Assessment in the instruction manual.	P
8.6.2	Static stability	See below.	P
8.6.2.2	Static stability test	Tipped at 10°, the equipment did not tip over.	P
8.6.2.3	Downward force test		P
8.6.3	Relocation stability		N/A
	Wheels diameter (mm)		—
	Tilt test		N/A
8.6.4	Glass slide test		N/A



6. Betriebs- und Wartungsanleitung

– Reinigung monatlich oder nach 750 Anwendungen

- Entleeren des Papierkorbs und Nachfüllen der Verbrauchsmaterialien nach 250 Anwendungen
– Wartungsprotokoll via Touchscreen / Smartphone App

7. Brandschutzkonzept

– Außenhülle: Aluminium (nicht brennbar)
– Display: gehärtetes Glas (F0)
– Innenteile: Polycarbonat / ABS (F1)
– Elektronik: PCB (F1)
– Sensorik: optisch + kapazitiv

8. Elektrischer Anschluss

– 230 V/50 Hz Standardanschluss
– Absicherung mit FI-Schalter (30 mA)
– Schutzleiterverbindung zwingend erforderlich

9. Aufstellhinweise

– Indoor-Aufstellung (z. B. Mall, Flughafen)
– Mindestabstand zu Fluchtwegen: 1,20 m
– Freier Zugang zur Wartung sicherstellen

10. Ansprechpartner

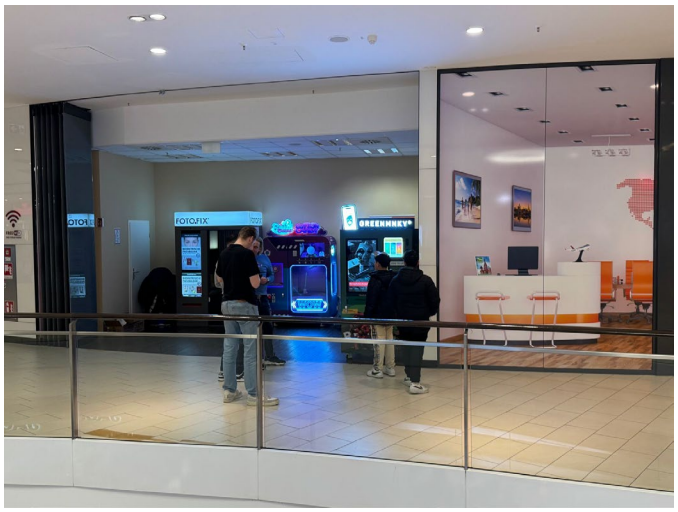
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11: Anlagen

Einkaufszentrum Forum Hanau



Kaufhaus Mitte Königsstrasse Stuttgart



Frankfurt Airport That´s Sound



Amsterdam Airport





Glassmaster Ai Innen & Details







