



Product Service

# CERTIFICATE

No. Z2 08 08 62010 003

**Holder of Certificate:** **GEZE Sonderkonstruktionen GmbH**

Planken 1  
97944 Boxberg-Schweigern  
GERMANY

**Production Facility(ies):** 62010

**Certification Mark:**



**Product:** **powered pedestrian doors  
revolving door**

**Model(s):** **TSA325NT, version key see page 2**

**Parameters:**

Electomechanical door system  
for use in pedestrian areas

rated voltage:	230 V
rated frequency:	50 Hz
rated power:	input 350 W (without lighting) lighting with max 60 W (max. 1 W per lamp)
protection class:	I
degree of protection:	IP44 (exterior impulse transmitter IP54)

Construction with rotatable/fold-away wings suitable  
for rescue and escape routes according to AutSchR

Where the door carries with it non-contact sensors  
it is suitable for persons specially in need of  
protection.

for further parameters see page 2

**Tested according to:** DIN 18650-1:2005  
DIN 18650-2:2005

The listed product was tested on a voluntary basis and complies with the essential requirements.  
The certification mark shown above can be affixed on the product. The certification mark must  
not be altered in any way. See also notes overleaf.

**Test report no.:** 71324968A

**Date,** 2008-09-10

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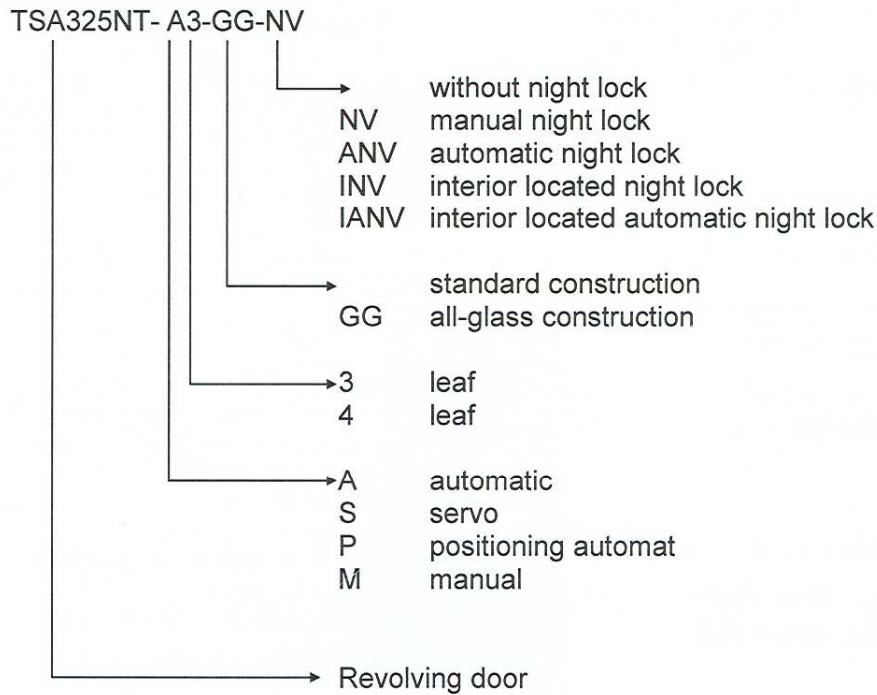


**Certificate**  
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Product Service

**Version key**



**Parameters**

Nominal rev. count	Adjustable to less than 1 m/s outer measurement
Safety distance	Finger safe greater 25 mm brush width
Safety sensors	Safety edge post - / hand - / heel protection
Power limitation	Adjustable to norm values, calibration of each sample by impulse measurement (with safety edge post safety and hand safety). Documented power measurement is necessary for each door.

**Key Number / Classification**

Key Number / Classification	Class
1 Drive type	5 Revolving door drive
2 Durability	3 1 000 000 test cycles
3 Door leaf construction	5 Revolving door
4 Fire protection door	0 Not suitable
5 Safety installation of drive	1 Power limitation
	2 Connector for safety system
	3 Low energy
6 Special requirements	0 None
7 Safety of door leaf	1 Sufficient safety distances:
(Attachment B revolving doors)	2 Finger protection: safety edge B=HS/IW
	3 Break Out, Optional
	4 Presence sensors: A=HS/GS
8 Ambient temperature	2 -15 °C to +50 °C



## Hinweise

Grundlage für die Zertifikatserteilung ist die Prüf- und Zertifizierungsordnung von TÜV SÜD Product Service.

Mit Erhalt des Zertifikates wird der Zertifikatsinhaber Partner im Zertifiziersystem von TÜV SÜD Product Service und anerkennt die jeweils gültige Fassung der Prüf- und Zertifizierungsordnung und der Geschäftsbedingungen.

### Prinzipielle Voraussetzung für die Gültigkeit des Zertifikates:

– Gültigkeit der zitierten normativen Prüfgrundlage(n) ist gegeben

und zusätzlich bei Zertifikaten mit Berechtigung zur Verwendung eines Prüfzeichens bzw. bei Zertifikaten für QM-Systeme:

– Voraussetzungen für vorschriftsmäßige Fertigung werden eingehalten.

– Die Fertigungs- bzw. Betriebsstätten werden regelmäßig überwacht.

## Please note

Certification is based on the TÜV SÜD Product Service Testing and Certification Regulations.

On receipt of the certificate the certificate holder becomes a partner in the TÜV SÜD Product Service certification system and recognizes the current version of the Testing and Certification Regulations and the Standard Terms and Conditions.

### Requirements for the validity of the certificate in principle:

– Validity of the quoted test standard(s)

In addition for Certificates with the right to use a certification mark and for QM certificates:

– Conditions for an adequate manufacturing are maintained

– Regular surveillance of the facility is performed

## Akkreditierungen / Accreditations

### Deutschland / Germany

Geräte- und Produktsicherheitsgesetz (GPSG) / Equipment and Product Safety Act (GPSG)

### Europa / Europe

- Niederspannungsrichtlinie 73/23/EWG
- Spielzeugrichtlinie 88/378/EWG
- Richtlinie für aktive medizinische Implantate 90/385/EWG
- Richtlinie für Medizinprodukte 93/42/EWG
- Richtlinie für In-vitro-Diagnostica 98/79/EG
- Richtlinie für Gasverbrauchseinrichtungen 90/396/EWG
- Richtlinie für persönliche Schutzausrüstungen 89/686/EWG
- EMV-Richtlinie 89/336/EWG
- Richtlinie für Sportboote 94/25/EG
- Richtlinie für Maschinen 98/37/EG
- Richtlinie für Ex-Schutz Geräte 94/9/EG
  
- Low Voltage Directive 73/23/EEC
- Toys Directive 88/378/EEC
- Directive for Active Implantable Medical Devices 90/385/EEC
- Directive for Medical Devices 93/42/EEC
- Directive on In Vitro Diagnostic Medical Devices 98/79/EC
- Directive for Gas Appliances 90/396/EEC
- Directive for Personal Protective Equipment 89/686/EEC
- EMC Directive 89/336/EEC
- Directive for Recreational Craft 94/25/EC
- Directive for Machinery 98/37/EC
- Directive for Ex Safe Equipment 94/9/EC
  
- ENEC Agreement for luminaires

### USA

- Nationally Recognized Testing Laboratory (NRTL) to 29 CFR 1910.7 by OSHA
- Accredited for FDA 510(k) Third Party Review
- Conformity Assessment Body to the MRA for Medical Devices; FDA QSR Reg Inspections, FDA 510(k) Third Party Review

### Asien-Pazifik Region / Asia Pacific

- Recognized Certification Body to Electrical Products (Safety) Regulation; Hong Kong
- Konformitätsbewertungsstelle / Conformity Assessment Body to the MRA for Medical Devices; Australien / Australia
- Konformitätsbewertungsstelle / Conformity Assessment Body to the MRA for Medical Devices; Neuseeland / New Zealand

### Weltweit / Worldwide

- NCB im CB-Scheme des IECEE / NCB in the CB Scheme of IECEE
- TÜV SÜD Product Service Mark für Produkte / TÜV SÜD Product Service Mark for products DAP-ZE-1213.00
- Zertifizierung von QMS / Certification of QMS TGA-ZQ-008/93-00
- Medizinprodukte nach / Medical Devices to EN 46003; ISO 13485/88; ZLG-ZQ-999.98.12-46