



Certificate no.: P-3471/09

(Only valid under the conditions on the reverse)

Approval owner: GEZE GmbH
Reinhold-Vöster-Straße 21-29, 71229 Leonberg

Production plants: GEZE GmbH
Reinhold-Vöster-Straße 21-29, 71229 Leonberg

Type Approval Mark:



Validity period:

31/12/2025

Product: Automatic in-line sliding door for the use on rescue routes

Typ: Slimdrive SL NT-FR; Slimdrive SL NT-FR-LL; Slimdrive SL NT-FR-DUO

- applied standards:**
- Guideline for automatic sliding doors on rescue routes (AutSchR):1997-12
 - DIN 18650-1/2: 2010-06
 - DIN EN 16005:2013-01 + corrigendum 1:2015-10
(German version EN 16005:2012 + AC:2015)
 - DIN EN 60335-1:2020-08
(German version EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A2:2019 + A14:2019)
 - DIN EN 60335-2-103:2016-05
(German version EN 60335-2-103:2015)
 - DIN EN ISO 13849-1:2016-06
(German version EN ISO 13849-1:2015)
 - DIN EN ISO 13849-2:2013-02
(German version EN ISO 13849-2:2012)

as well as applicable standards, regulations and directives listed in the
aforementioned test specifications.

Test result:

The requirements listed in the standards are fulfilled by the product.

The approval for use of the test mark shown above is thus given, in accordance with the conditions printed on the reverse. This certificate replaces certificate P-3471/09 dated 14/12/2017.

Zella-Mehlis/Germany, 13/12/2021

Technischer Überwachungsverein Thüringen e.V.
Test Centre for Construction Products

Dipl.-Ing. (FH) Reichelt
Head of the Test Centre



Type Approval Certificate (English Issue) P-3471/09

Applicant: GEZE GmbH
Reinhold-Vöster-Straße 21-29
71229 Leonberg

Production plant: GEZE GmbH
Reinhold-Vöster-Straße 21-29
71229 Leonberg

Type Approval Mark:



Type: **Slimdrive SL NT-FR**
Slimdrive SL NT-FR-LL (with Motor-Brake)
Slimdrive SL NT-FR-DUO (with a second disable Presence Detector in Escape Direction)

Permissible version:

- Automatic single-leaf in-line sliding door, optionally closing to the left or right, for the use on escape and rescue routes
- Automatic double-leaf in-line sliding door, closing in the middle, for the use on escape and rescue routes

Dimensions as stated in installation plan; glazing: ISO / ESG / VSG

Leaf weights:	Opening width:
max. 1 x 125 kg	max. 3000 mm
max. 2 x 125 kg	max. 3000 mm

- Type of construction
 - ESG sliding leaf
 - VSG sliding leaf
 - ISO sliding leaf
 - IGG sliding leaf
 - light metal doors / frame doors
 - post and locking bolt design
 - metal doors
 - wooden doors
- Use of all-glass wings within the following limits:

Leaf weights:	Opening width:
max. 1 x 125 kg	max. 3000 mm
max. 2 x 125 kg	max. 3000 mm
- Framed moving leaf of the type Schüco AWS / Wicona Wicstyle 65 evo within the following limits:

Leaf weights:	Opening width:
max. 1 x 125 kg	max. 2000 mm
max. 2 x 125 kg	max. 3000 mm

Permissible options:

- Locking device in the drive
- Floor locks
- Mechanical lock Lock M
- Electromechanical lock Lock A
- Girder section with support panels/side panels
- Signal transmitters and presence detectors in accordance with the sensor list attached as Annex I in the currently valid version

- Inner and outer activation device for unlocking
- Connection for external danger alarm system (GMA) / fire alarm system (BMA) via potential-free contact at the control unit terminal panel
- Reduced opening width (**minimum rescue route width**)

**Testing based
on the following:**

1. Guideline for automatic sliding doors on rescue routes (AutSchR):1997-12
2. DIN 18650-1/2: 2010-06
Locks and metal fittings - Automatic door systems
3. DIN EN 16005:2013-01 + corrigendum 1:2015-10
(German version EN 16005:2012 + AC:2015)
Power operated pedestrian doorsets - Safety in use - Requirements and test methods
4. DIN EN 60335-1:2020-08
(German version EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A2:2019 + A14:2019)
Household and similar electrical appliances – Safety
Part 1: General requirements
5. DIN EN 60335-2-103:2016-05
(German version EN 60335-2-103:2015)
Household and similar electrical appliances – Safety
Part 2-103: Particular requirements for drives for gates, doors and windows
6. DIN EN ISO 13849-1:2016-06
(German version EN ISO 13849-1:2015)
Safety of machinery - Safety-related parts of control systems
Part 1:General principles for design
7. DIN EN ISO 13849-2:2013-02
(German version EN ISO 13849-2:2012)
Safety of machinery - Safety-related parts of control systems
Part 2: Validation

as well as applicable standards, regulations and directives listed in the aforementioned test specifications.

Conditions:

1. Before the system is erected and commissioned, a risk analysis must be carried out, taking the local conditions into consideration. Depending on the result of the risk analysis, the system must be equipped with the necessary sensors and protective measures.
2. The sensors listed in the sensor list attached as Annex I to the type approval certificate must be used as sensors for activation of the drive and use of the presence sensors. The usage limits set out in the manufacturer's specifications must be observed.
3. Automatic sliding doors of the type "Slimdrive SL NT-FR" are only suitable for dry rooms and must be marked accordingly.
4. Installation of automatic sliding doors as well as the switching devices and control elements devices required for function may only be carried out by a specialist company.
5. Door leaf dimensions, door leaf weights and door leaf frames or materials must comply with the parameters of the respectively applicable and checked drawings.
6. Door leaves and side panels/support panels made of transparent materials must be marked at the installation location.
7. Every automatic sliding door must be equipped with an all-pole main switch that is secured against inadvertent or unauthorised restarting. Alternatively, the switch integrated in the drive is permitted as a main switch.
8. For every automatic sliding door, the technical documents listed below or other supplementary technical documents must be handed over to the client or operating company:

Installation manual with the required technical documents

- User manual with:
 - Functional description of the system
 - Measures for putting into operation
 - Notes about faults and repair work
 - Test specifications and their deadlines
- Test log with specifications for maintenance work and relevant deadlines
- A copy of this certificate, test mark P-3471/09.

9. Before automatic sliding doors of the type "Slimdrive SL NT-FR" are put into operation, they must be tested by an expert and written proof of the test result must be provided.

The provisions of the regional building code valid at the installation location apply for recurring tests. The specifications provided by the manufacturer regarding maintenance intervals must be heeded.

Notes:

1. This certificate entitles the manufacturer to mark the products of type „Slimdrive SL NT-FR“ with the Ü-mark indicating the type, year of manufacture and serial number.
2. Automatic sliding door installations in rescue routes may be locked, as long as there are no requirements concerning its use as rescue route for that period of time. This should usually be the case if there are no persons in the building or if there is another rescue route posted for people who are present.
3. There is no need to equip automatic sliding door installations in rescue routes with an emergency control unit (emergency switch).
4. As an option, danger warning devices (GMA) or fire detectors (BMA) of the building may be externally connected to the control of the door as a potential-free contact.
5. The door system has been tested for a durability of 1,000,000 cycles and in the temperature range of -15°C to + 50°C.
6. The type does not fulfil any requirements made for reasons of fire protection (fire resistance, smoke-proofness).
7. The type approval certificate is valid until 31/12/2025. It may be necessary to repeat the test if major changes are made to the technical regulations.
8. This certificate replaces certificate P-3471/09 dated 14/12/2017.

Zella-Mehlis/Germany, 13/12/2021

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