

## Type Approval Certificate (English Issue) P-4018/10

**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:** ECdrive

**Permissible version:**

- 1-leaf automatic sliding door, choice of right or left hand slide to open
- 2-leaf automatic sliding door centrally closing,  
in the dimensions according to installation diagram; glass types: ISO / ESG (toughened safety glass) / LSG (laminated safety glass)  

Leaf weights:	Opening width:
max. 1 x 120 kg	max. 3000 mm
max. 2 x 120 kg	max. 3000 mm

Type of construction:

  - ESG-moving leaf
  - LSG-moving leaf
  - ISO-moving leaf
  - Aluminium doors/Framed moving-leaf doors
  - Post-rail constructions
  - Metal doors
  - Wooden doors

- GGS moving leaf within the following limits:  

Leaf weights:	Opening width:
max. 1 x 120 kg	max. 2000 mm
max. 2 x 120 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 120 kg	max. 2000 mm
max. 2 x 120 kg	max. 3000 mm

**Permissible options:**

- Locking device in the drive
- Mechanical lock Lock M
- Electromechanical lock Lock A
- Floor locks
- 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

- applied standards:**
1. DIN 18650-1/2:2010-06  
Powered pedestrian doors
  2. DIN EN 16005:2013-01  
Power operated pedestrian doorsets – Safety in use
  3. DIN EN 60335-1:2012-10  
Household and similar electrical appliances – Safety
  4. DIN EN 60335-2-103:2016-05  
Household and similar electrical appliances - Safety Part 2-103: Special requirements for drives for gates, doors and windows
  5. DIN EN ISO 13849-1/2:2016-06 and 2013-02  
Safety of machinery - Safety-related parts of control systems

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 examination 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 "ECdrive" 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-4018/10.
9. Before automatic sliding doors of the type "ECdrive" 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. There is no need to equip automatic sliding doors with an emergency control unit (emergency switch).
2. The door system has been tested to durability class 3 (1,000,000 cycles) and ambient temperature class 2 (-15°C to +50°C) in accordance with DIN 18650-1.
3. The type does not fulfil any requirements made for reasons of fire protection (fire resistance, smoke-proofness).
4. The type examination certificate is valid until 31/12/2021. It may be necessary to repeat the test if major changes are made to the technical regulations.
5. This certificate replaces certificate P-4018/10 dated 19/04/2013.

Zella-Mehlis/Germany, 14/12/2017

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

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

