

Type Approval Certificate (English Issue) P-4032/10

Applicant: GU Automatic GmbH
Karl-Schiller-Strasse 12
33397 Rietberg

Production plant: GU Automatic GmbH
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33397 Rietberg

Testing Model: 2-leaf automatic sliding door centrally closing for use in rescue routes

Leaf weights	Opening width	Passage height
2 x 100 kg	2150 mm	2500 mm

Type: econoMaster EM-F

**Permissible
version:**

- 1-leaf automatic sliding door, choice of right or left hand slide to open, for use in rescue routes
- 2-leaf automatic sliding door centrally closing for use in rescue routes in the dimensions according to installation diagram;

Leaf weights:	Opening width:
max. 1 x 130 kg	800 - 2000 mm
max. 2 x 130 kg	800 - 3000 mm

The maximum clearance height is limited by the permissible sash weight and the maximum, standard-compliant installation height of the presence and control sensors used.

Type of construction:

- Profile system G30 or frame profiles with panels made of ESG, LSG, ESG-ISO, LSG-ISO or smooth-surfaced, uninterrupted panels.
- Special profiles by means of a mounting adapter according to approved drawing documents or after approval by the testing laboratory

**Permissible
options:**

- Locking device in the drive
- automatic multi-point locking
- floor locks
- Inner and outer activation device for opening and unlocking
- Reduced opening width (**at least as wide as the rescue route**)
- Signal transmitters and presence detectors in accordance with the sensor list attached as Annex I in the currently valid version

Testing based

1. Directive on automatic sliding doors in rescue routes (AutSchR): 1997-12
2. DIN 18650-1/2:2010-06
Powered pedestrian doors

3. DIN EN 16005:2013-01
Power operated pedestrian doorsets - Safety in use
4. DIN EN 60335-1:2012-10
Household and similar electrical appliances- Safety
5. 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

as well as the mutually applicable standards, regulations and directives listed in the above test principles.

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. Installation of automatic sliding doors as well as the switching devices and control devices required for function may only be carried out by a specialist company.
4. Before automatic sliding doors of the type "econoMaster EM-F" 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.

5. The automatic sliding door must be serviced according to the manufacturer's instructions.
6. Door leaf dimensions and door leaf weights must comply of the respectively applicable and checked drawings.
7. Door leaves and side panels/support panels made of transparent materials must be marked at head height in such a way that they can be seen easily.
8. Each automatic sliding door must be equipped with an all-pole main switch protected against accidental or unauthorized restart or an all-pole plug connection (plug on the power supply unit)
9. 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 instructions with necessary technical documentation

- Commissioning / assembly instructions
- Operation manual
- Test log with specifications for maintenance work and relevant deadlines
- A copy of this certificate, test mark P-4032/10.

Notice:

1. This certificate authorises the manufacturer to mark products of the type "econoMaster EM-F" with the Ü-Mark, including specification of type, model year and serial number.
2. Automatic sliding doors for use in rescue routes may be locked providing there are no escape and rescue route requirements made on this sliding door during this defined time period.

3. There is no need to equip automatic sliding doors in rescue routes with an emergency control unit (emergency switch).
4. 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.
5. The type does not fulfil any requirements made for reasons of fire protection (fire resistance, smoke-proofness).
6. The type Approval certificate is valid until 31/12/2022. It may be necessary to repeat the test if major changes are made to the technical regulations.
7. This certificate replaces certificate P-4032/10 dated 12/04/2013.

Zella-Mehlis/Germany, 15/03/2018

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