



TYPE EXAMINATION CERTIFICATE

Certificate No.: G 662/3

Testing Body: TÜV SÜD Industrie Service GmbH
Department New Technologies
Gottlieb-Daimler-Str. 7
70794 Filderstadt - Germany

Certificate Holder: Label S.p.A.
Via Ilariuzzi 17/A
S. Pancrazio P.se
43126 Parma - Italy

Manufacturer Label S.p.A.
Via Ilariuzzi 17/A
S. Pancrazio P.se
43126 Parma - Italy

Product: Drive system series ETERNA 70, ETERNA 90 and ETERNA 150 for sliding door

Basis of examination:

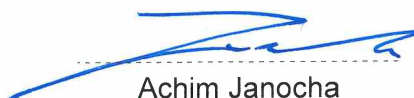
- EN 16005:2023+A1:2024
Power operated pedestrian doorsets –
Safety in use – Requirements and test methods
- DIN 18650-1:2010-06 Powered pedestrian doors –
Part 1: Product requirements and test methods
- DIN 18650-2:2010-06 Powered pedestrian doors –
Part 2: Safety at powered pedestrian doors

Test report: G 662/3 dated 2025-07-20

Outcome: The product conforms to the requirements of the basis of examination if the requirements of the annex to this type examination certificate are kept.

Date of Issue: 2025-07-20

Valid until: 2028-07-19


Achim Janocha

Technical Body LCC



Annex to type examination certificate No. G 662/3 of 2025-07-20

1 Scope of application

The drive system series ETERNA 70, ETERNA 90 and ETERNA 150 is intended for sliding and telescopic doors (EN 16005:2023+A1:2024, figure B.1 or B.2) with one drive unit for each door, in the following variants:

Drive system	Maximum door-wing weight		
	one wing	two wings	four wings
ETERNA-150D		2x150 kg	
ETERNA-150S	200 kg		
ETERNA-300T			4x75 kg
ETERNA-300TDX		2x150 kg	
ETERNA-300TSX		2x150 kg	
ETERNA-K150D		2x150 kg	
ETERNA-K150S	200 kg		
ETERNA-K300T		2x150 kg	
ETERNA-KEXT			4x75 kg
ETERNA-90D		2x 90 kg	
ETERNA-90S	130 kg		
ETERNA-K90D		2x 90 kg	
ETERNA-K90S	130 kg		
ETERNA-70D		2x 70 kg	
ETERNA-70S	90 kg		
ETERNA-K70D		2x 70 kg	
ETERNA-K70S	90 kg		

The following protective devices according to EN 16005:2023+A1:2024, 5.8.11 are suitable (within the application limits in their data sheets) for the drive system series ETERNA 70, ETERNA 90 and ETERNA 150 at condition that adaption time is not less than 30 s.

Listed sensors see list in annex "List of sensors".

Protective devices with a pulsed output signal (without an input for a testing by the control system of the door) are not suitable for the drive system series ETERNA 70, ETERNA 90 and ETERNA 150.

2 Conditions

- 2.1 The sliding door drive system series ETERNA 70, ETERNA 90 and ETERNA 150 shall only be installed by a qualified company authorised by the manufacturer, regarding the installation manual.
- 2.2 Installation only at weatherproof places (the degree of protection of the drive system is IP 22).
- 2.3 No use in escape- and rescue routes (therefore G 589/2 exists).
- 2.4 Applicable sensors are only the listed in the annex with stamp of the test laboratory.
- 2.5 Risk of crushing, shearing and retracting has to be avoided by keeping safety distances (e. g. gap \leq 8 mm, see DIN 18650-2:2010, 4.4.1 and EN 16005:2023+A1:2024, 5.8.12) or by protective devices according to EN 16005:2023+A1:2024, 5.8.11.
- 2.6 For each installed door system the installer has to carry out a risk assessment, taking into account the environmental influences. When a large proportion of the users are elderly, infirm, disabled persons and young children, then according to EN 16005:2023+A1:2024, 5.8.4.1 and 5.8.4.12 any contact of the doorset with the user is unacceptable. Then electro-sensitive protective equipment is necessary, which detects persons for a time.

Annex to type examination certificate
No. G 662/3 of 2025-07-20



Industrie Service

- 2.7 Presupposed is a valid testing-verification (e. g. certificate or test report) with regard to the installed protective devices (test specification: DIN 18650-1:2010, 5.7.4 and annex C or EN 16005:2023+A1:2024, 5.8.11 and annex C).
- Additionally, it must be regarded:
- The relation between height and width of a door leaf must be less than 5:1.
 - The above in 1 listed "max. door leaf weight" shall not be exceeded.
 - Door heights > 3000 mm require a special permission of the manufacturer.
- 2.8 If the drive system series ETERNA 70, ETERNA 90 and ETERNA 150 is used without protective devices according to EN 16005:2023+A1:2024, 5.8.11 (depending on the risk assessment for the respective place of installation), the requirements according to EN 16005:2023+A1:2024, 5.8.4.1 for the opening of the doorset and the requirements according to EN 16005:2023+A1:2024, 5.8.4.2 for the closing of the doorset have to be met (e. g. limitation of the speeds according EN 16005:2023+A1:2024, table F.2, depending on the mass of the door leaf, as well as the compliance with the requirements of EN 16005:2023+A1:2024, 5.8.9).
- 2.9 The limitation of the doorset leaf forces according to EN 16005:2023+A1:2024, 5.8.10.2 or 5.8.9 when opening the doorset and according to EN 16005:2023+A1:2024, 5.8.9 when closing the doorset has to be verified for each installation before it is put into service and after that at regular intervals appropriate to the use of the door. If electro-sensitive protective equipment exists, these doorset leaf forces may be zero, or according to EN 16005:2023+A1:2024, 5.8.11 d) they may occur only after more than 30 seconds.
- 2.10 Every delivery of a door drive system series ETERNA 70, ETERNA 90 and ETERNA 150 has to be accompanied by:
- The installation manual and the user manual
 - A declaration of the manufacturer (conformity to the tested sample)
- 3 Notes**
- 3.1 The electronic control system of the drive system series ETERNA 70, ETERNA 90 and ETERNA 150 meets category 2 and PL d according to EN ISO 13849-1.
- 3.2 An endurance test with more than 2.000.000 cycles was carried out.
- 3.3 Further requirements of the responsible authorities for buildings are not touched.
- 3.4 Drawing up the EC declaration of conformity resp. affixing the CE marking according to the Directive on machinery is the duty of the installer who is responsible for the whole installation "automatic sliding door" after consideration of the situation given at each installation (situation of the building, surrounding).
- 3.5 The essential product-relevant requirements of the standards DIN 18650-1:2010 and DIN 18650-2:2010 have also been considered within the type examination (application class 0 according to DIN 18650-1:2010, 4.7).
- 3.6 The type examination certificate may be used only in connection with the pertinent annex.

Annex to type examination certificate
No. G 662/3 of 2025-07-20



Industrie Service

List of sensors

Manufacturer	Type	Adaption time
BEA	IXIO DT1	15 s / 30 s / 1 min / 2 min / 5 min / 10 min / 20 min / 60 min / unlimited; 15 s shall not be set!
BEA	IXIO ST	15 s / 30 s / 1 min / 2 min / 5 min / 10 min / 20 min / 60 min / unlimited; 15 s shall not be set!
OPTEX	OA-AXIS T	15 s / 60 s / 180 s / unlimited; 15 s shall not be set!
OPTEX	OA-FLEX T	15 s / 60 s / 180 s / unlimited; 15 s shall not be set!
OPTEX	OA PRESENCE T	30 s / 60 s / 180 s / unlimited
OPTEX	OAM DUAL TE	30 s / 60 s / 180 s / 600 s
HOTRON	3H-IR14C	2 s / 30 s / 2 s shall not be set!