



CERTIFICATE

No. Z2B 015347 0522 Rev. 01

Holder of Certificate: **TORMAX**
A Division of LANDERT Group AG
Unterweg 14
8180 Bülach
SWITZERLAND

Certification Mark:



Product: **Automatic door drives**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 713274804

Valid until: 2027-12-15

Date, 2022-12-21

(Benedikt Pulver)

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Model(s): **TORMAX 1102 Swing Door Drive / TTX 1102**
TORMAX 1201 Swing Door Drive

Parameters:

Type:	1102 / TTX 1102	1102 / TTX 1102	1201	1201
Rated voltage:	115 V	230 V	230 V	115 V
Rated frequency:	60 Hz	50 Hz ... 60Hz		60 Hz
Rated power input max.:	210 W		235 W	
Rated current max.:	2.1 A	1.05 A	1.15 A	2.3 A
Protection class:	I			
Degree of protection:	IP20			
Number of door leaves:	1			
Weight of door leaf max.:	125 kg		250 kg	
Width of door leaf max.:	1.2 m		1.4 m	
Moment of inertia max.:	35 kgm ²		65 kgm ²	
Temperature range:	-20 °C ... +50°C			
Performance Level:	c			
Category:	2			
Firmware version:	V04.00 and V04.31			
Classification:				
1 kind of drive	1: Swing door drive			
2 durability	3: 1.000.000 cycles			
3 leaf construction	*)			
4 fire protections door	*)			
5 safety devices	1: Force limitation			
	2: External safety devices, optional			
	3: Low energy, optional			
6 special requirements	0: no special requirements			
7 safety at the door system	*)			
8 ambient temperature	4: manufacturers data -20°C - +50°C			
*) The system installer has to determine the numbers not stated and has to ensure that by that selection the normative requirements are fulfilled. Fire door set properties were not part of this test.				



Product Service

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Additional information:

The product meets the requirements of DIN 18650-1:2010 and DIN 18650-2:2010.

When installing, all requirements of mentioned test specifications and conditions of acceptability must be fulfilled.

Tested

according to:

EN 16005:2012

EN 60335-2-103:2015

EN 60335-1:2012/A15:2021

EN ISO 13849-1:2015

EN ISO 13849-2:2012