



CERTIFICATE

No. Z2B 015347 0512 Rev. 00

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

Certification Mark:



Product: **Automatic door drives**
(Swing door drive units)

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. See also notes overleaf.

Test report no.: 028-713169255-000

Valid until: 2025-03-23

Date, 2020-04-07

(Benedikt Pulver)

CERTIFICATE

No. Z2B 015347 0512 Rev. 00

Model(s):

TORMAX iMotion 1301 Swing Door Drive
TORMAX iMotion 1301.S Swing Door Drive
TORMAX iMotion 1301.FIRE Swing Door Drive
TORMAX iMotion 1401 Swing Door Drive
TORMAX iMotion 1401.FIRE Swing Door Drive

PARAMETERS:

Drive TORMAX iMotion	1301	1301.S	1301.FIRE	1401	1401.FIRE
Rated voltage [Vac]	230 / 115				
Rated frequency [Hz]	50 – 60				
Protection class	I				
Ambient temperature	-20°C bis +50°C				
Rated max. current [A]	1,2 / 2,4	1,4 / 3,1		1,5 / 3,0	
Rated max. input power [W]	250	330		250	
Degree of protection	IP20			IP55	
Moment of inertia [kgm ²]	80	100		150	
Door mass [kg]	450	600		450	
Performance Level acc. to EN ISO 13849-1:2015	d				
Category	2				
Control unit	Control unit platform:		MCU32		
	Type designation:		MCU32-BASE-40-200-A		
	Firmware Rev.:		V10.50		

Conditions of acceptability:

For the final application, all requirements of the mentioned test bases and the specific installation conditions must be observed.

CERTIFICATE

No. Z2B 015347 0512 Rev. 00

Additional Information:

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

Classification according to DIN18650-1	Type TORMAX iMotion 1301 1301.S 1401	Type TORMAX iMotion 1301.FIRE 1401.FIRE	
Code-Number	Declaration of the type label		
1	1	1	Swing Door Drive
2	3	3	1'000'000 cycles at 4000 cycles per day
3	1	1	Swing Door
4	0	*	Suitability as fire protection door
5	1	1	Force limitation
	2	2	External safety devices
	3	3	Low energy
6	0	*	No special requirements
7	*	*	Depending on the door leaf construction
8	4	4	-20°C to +50°C

* The classification is given on the nameplate. For drive units the empty spaces should be filled in by the installer of the system after installation.

Tested according to: EN 16005:2012
EN 60335-1:2012/A11:2014
EN 60335-2-103:2015

Production Facility(ies): 091848