



Product Service

CERTIFICATE

No. Z2B 10 12 15347 017

Holder of Certificate: **TORMAX**
Landert Motoren AG

Unterweg 14
8180 Bülach
SWITZERLAND

Certification Mark:



Product: **Automatic door drives**
Sliding Door Drives for escape routes
iMotion

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.: 71367523

Date, 2011-01-13

(Josef Wörl)

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TÜV SÜD Product Service GmbH
Zertifizierstelle
Ridlerstr. 65 · 80339 München
Germany



DEUTSCHES
AKKREDITIERUNGSSYSTEM
PRÜFWESEN GMBH



DAP-ZE-1213.00



Product Service

CERTIFICATE**No. Z2B 10 12 15347 017****Model(s):****iMotion 2202.FRW****iMotion 2301.FRW****iMotion 2401.FRW****Parameters:**

iMotion	2202	2301	2401
Rated voltage VAC:	230/115	230/115	230/115
Rated current:	1,0/2,0A	1,0/2,0A	1,6/3,2A
Rated frequency:	50-60Hz	50-60Hz	50-60Hz
Rated power max.:	190W	190W	310W
Protection degree:	I	I	I
Protection type:	IP22	IP22	IP22
Maximum door leaf mass:			
Linear 1 leaf:	1x120kg	1x150kg	1x200kg
Linear 2 leaves:	2x100kg	2x130kg	2x220kg
Telescope 2 leaves:	2x60kg	2x100kg	2x120kg
Telescope 4 leaves:	4x60kg	4x80kg	4x100kg
Curved 1 leaf:	1x100kg	1x120kg	1x120kg
Curved 2 leaves:	2x100kg	2x120kg	2x120kg

Classification 2202.FRW / 2301.FRW / 2401.FRW

Figure	Number	
1	2	Sliding door drive
2	3	1.000.000 cycles at 4000 cycles/day
3	2	Sliding door
4	0	No protection against fire
5	1	Force limitation
	2	External saftey device
	3	Low-energy
6	2	in escape routes without break out
7	0	No saftey device
8	2	-15°C to +50°C

Remark:

All models can be extended
with following components:
- brake unit (not for 2202.FRW)
- escape route in both directions with two
monitored impulse sensors
- protection for secondary closing edges

**Tested
according to:**

EN 60335-1/A2:2006
IEC 60335-2-103/A11:2009
DIN 18650-1:2010
EN ISO 13849-1:2008 Performance level "d"
AutSchR:1997

**Production
Facility(ies):**

18344

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