



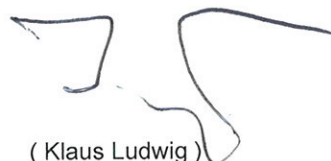
Product Service

# CERTIFICATE

No. Z2B 11 08 15347 016

**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 Rev. 1  
( Klaus Ludwig )**Date,** 2011-08-24

Page 1 of 2

TÜV SÜD Product Service GmbH  
Zertifizierstelle  
Ridlerstr. 65 · 80339 München  
GermanyDEUTSCHES  
AKKREDITIERUNGSSYSTEM  
PRÜFWESEN GMBH

DAP-ZE-1213.00



Product Service

**CERTIFICATE**

**No. Z2B 11 08 15347 016**

**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	2x100kg	2x120kg

Performance level "d"

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  
 - escape route in both directions with two monitored impulse sensors  
 - protection for secondary closing edges  
 The appliance fulfills AutSchR:1997

**Tested according to:**

EN 60335-1/A2:2006  
 IEC 60335-2-103:2006  
 DIN 18650-1:2010  
 EN ISO 13849-1:2008

**Production Facility(ies):**

18344

Page 2 of 2

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



DAP-ZE-1213.00