



Product Service

CERTIFICATE

No. Z2B 14 02 15347 044

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

Unterweg 14
8180 Bülach
SWITZERLAND



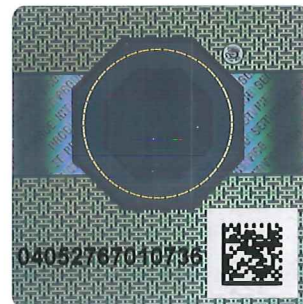
Certification Mark:



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

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.: 713030281



Date, 2014-02-28

(Harry Griebel)

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Model(s):

TORMAX iMotion 2202.A-R Sliding Door Drive
TORMAX iMotion 2302.R Sliding Door Drive
TORMAX iMotion 2302.R-HB Sliding Door Drive

Parameters:

	2202.A-R	2302.R(-HB)
Rated voltage:	230V	230V
Rated frequency:	50...60Hz	50...60Hz
Rated current max.:	1A	1A
Rated power max.:	190W	190W
Protection class:	I	I
Protection degree:	IP20	IP22
Max. door leaf mass:		
Linear 1 leaf:	1 x 120kg	1 x 150kg
Linear 2 leaves:	2 x 100kg	2 x 130kg
Telescope 2 leaves:	2 x 60kg	
Telescope 4 leaves:	4 x 60kg	
Durability:	>1'000'000 cycles/4'000 cycles/day	
Temperature range:	-10°C up to +50°C	
Performance Level:	d	d

Tested according to:

EN 16005:2012
EN 60335-1:2012
EN 60335-2-103/A11:2009
EN ISO 13849-1:2008
AutSchR:1997

Production Facility(ies):

86442