

# REVOLUS

## TECHNICAL DATA SHEET

REDUNDANT SLIDING DOOR TYPE	REVOLUS		REVOLUS - T	
	REV-S 1 leaf	REV-D 2 leaves	REV-DTEL 4 mobile leaves	REV-DTELSX/DX 2 mobile leaves
Clear passage	700 ÷ 3000 mm	900 ÷ 3000 mm	1600 ÷ 4000 mm	800 ÷ 4000 mm
Max. Loading capacity	kg. 200/leaf	Kg. 150/leaf	Kg. 75/leaf	Kg. 150/leaf
Automation size Revolus	120x150 mm x L. (max. 6500 mm)			
Automation size Revolus -T	120x210 mm x L. (max. 6500 mm)			

Power supply	230 Vac 50-60Hz
Opening speed	Max. 0,7 m/sec. 1 leaf
Closing speed	Max. 0,6 m/sec. 1 leaf
Operating temperature	-15° C + 50° C
Protection rating	IP22
Max absorbed power	100 W
Stand-by consumption	6 W
Brushless Motor	24 Vdc con Encoder / 24 Vdc with Encoder
Type of use	Intensive use 100%
Number of opening cycles	Tested 1.000.000 Cycle (4.000 Cycles / day)
Safety test	Function available for safety sensors with monitoring system
Emergency battery	Incorporated. It grants the door opening in case of power failure or in case of fault
Test on fault safety system, once power supply is connected and each every 20 hours.	

## CERTIFICATION AND CONFORMITY

Revolus complies with the following European Directives and Standards

Machinery Directive 2006/42/EC

Electromagnetic Compatibility Directive 2004/108/EC

Low Voltage Directive 2006/95/EC.

DEPREVITGB-Release 1.0 11/2014



[www.labelsipa.com](http://www.labelsipa.com)

REDUNDANT AUTOMATION FOR SLIDING DOORS  
to be installed on emergency exit

# REVOLUS





**SIMPLE** and **ELEGANT** design.  
**SILENT** and **HARMONIOUS** motion.



All Label automations have been developed  
**FOR INTENSIVE USE**

Label has achieved a solid growth thanks  
to a considerable **EXPANSION** on the main  
**INTERNATIONAL** markets

Our R&d department keeps focusing  
on **INNOVATION TECHNOLOGY**

**QUALITY** and **RELIABILITY** are our priority,  
and our products are certified by **TÜV SÜD**  
and complies with **EN16005** standard



**REVOLUS** has been developed to optimize  
movement and grant a safe installation in any  
situation. As double leaf version, it can cover a  
maximum weight of 150 Kg for each leaf, whereas  
200 Kg can be considered for the single leaf  
version. Also available in telescopic version,  
2 or 4 mobile leaves.

**SAFETY** and **RELIABILITY** are granted by the  
innovating control unit.

**BRUSHLESS** Technology.

**REVOLUS** can be integrated with **LABEL LB18**  
and **LB50** profile system, as well as a **WIDE**  
**SELECTION of COMMERCIAL PROFILE** in order  
to meet any customer demand.



**SIMPLE** and **IMMEDIATE** software solutions  
together with our **ATTENTION to DETAILS**, will  
result in an easy installation and startup.



A wide range of safety and movement  
sensors, together with a complete selection of  
**ACCESSORIES**, will make **REVOLUS PERFECT**  
in any situation and always in **COMPLIANCE**  
with the latest regulations.

**REVOLUS** complies with **EN 16005**  
standard.

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to be installed on emergency exit

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DUE TO ITS VERSATILITY REVOLUS CAN BE IMPLEMENTED IN ANY APPLICATION FIELD  
**SUPERMARKETS, AIRPORTS, HOTELS, SHOPS** etc.,