

Operator Visio

CE Certificate



manusa

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		Rev.: 06	
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1 Legal and regulatory requirements

The european directives and the respective standards that apply to the Operator Visio are as follows:

- **2006/95/CE. Low Voltage Directive:**

EN 60335-1
- **2004/108/CE. EMC Directive:**

EN 61000:3-2.
EN 61000:3-3.
EN 61000-6-2.
EN 61000-6-3.
- **2006/42/CE. Machinery Directive:**

EN ISO 12100-1.
EN ISO 12100-2.
EN ISO 13857.
EN ISO 14121-1.
EN ISO 13849-1.
EN ISO 13849-2.
EN 1037.
- **305/2011/CE. Construction Products Regulation:**

UNE-85121

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2. Test

In Manusa, we manufacture our products following a process of inherently ssafety design, taking measures to eliminate any risk of the usefull life of our machines and following the principles of safety in the following order :

- Delete or reduce risks in the stages of design and manufacturing to the extent possible.
- Incorporate the necessary measures of risk protection.
- Inform the interested parties that, despite the protection measures taken, was not possible to completely eliminate residual risks.

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2.1. Low Voltage Directive




Compliance Laboratory.


IDNEO TECHNOLOGIES S.L.
Poligon Industrial Can Mitjans s/n
08232 Viladecavalls - Barcelona - Spain

Telephone +34937008178
Fax +34937008168

PRODUCT: OPERATOR FOR POWERED
PEDESTRIAN DOORS
MANUFACTURER: MANUSA DOOR SYSTEMS
MODEL: Visio
STANDARD: IEC / EN 60335-2-103
TEST REPORT ID. 2013014

Commercial-in-confidence




Javier Moreno
2013.11.05
11:19:46
+01'00'
Javier Moreno
Testing engineer


Carlos Navarro
2013.11.05
16:43:32
+01'00'
Carlos Navarro
Head of Safety Laboratory

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2.2. EMC Directive

idneo

CERTIFICATE N°: CER_2011234		COMPLIANCE LABORATORY IDNEO Technologies S.L. Pol. Ind. Can Mitjans S/N 08232 Viladecavalls Barcelona Spain Tf: +34937008178 Fax: +34937008168	Date: 28/09/2011
PRODUCT: Automatic pedestrian door operator MODEL: VISIO MANUFACTURER: MANUSA		PETITIONER: MANUSA ADDRESS: Ctra. El Pla de Santa Maria, 235-239 - Pol. Ind. de Valls 43300 Valls – Tarragona	
DIRECTIVE: Directive 2004/108/EC relating to electromagnetic compatibility.			
1 OBJECT The objective is to verify that the equipment under test (hereinafter EUT), automatic pedestrian door operator model VISIO manufactured by MANUSA, meets the following standards: EN61000-6-2:2005 EN61000-6-3:2007 EN61000-3-2:2006 EN61000-3-3:2008			
2 TEST RESULTS Once the appropriate tests have been performed, we CERTIFY that the EUT complies with the standards stated in clause 1 Object.			
3 COMPETENCIES The Compliance laboratory of IDNEO Technologies, S.L. is accredited by ENAC (Entidad Nacional de Acreditación) for EMC testing, according to the accreditation number 827/LE1882. The results of this certificate apply only to the tested sample			
EDITED BY:  David Ortiz Head of EMC Laboratory		APPROVED BY:  Xavier Cels Compliance Laboratory Manager	
This document should not be reproduced except in full, without the written approval of the Laboratory			
CERTIFICATE N°: CER_2011234		DATE: 28/09/2011	PAGE: 1 of 1

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2.3. Construction Products Regulation

Campus de la UAB
Apt. Correos 18
08193 Bellaterra
T +34 93 567 20 00
F +34 93 567 20 01
ctc@appluscorp.com
www.applus.com



CONFORMIDAD DEL PRODUCTO AL CTE

Nº 10/101389-750

DOCUMENTO DE CONFORMIDAD TÉCNICA DE LA EXIGENCIA BÁSICA DEL CTE

PRODUCTO

Puerta Automática Peatonal MANUSA con OPERADOR VISIO, de dimensiones de hoja totales 1480 x 2800 mm (Altura x Anchura) en los siguientes sistemas de carpintería:

- 1- Carpintería Corredera Abatible, de 2 hojas centrales correderas
- 2- Carpintería Corredera con Sistema CO48, de 2 hojas centrales correderas

El producto arriba indicado cumple con el CTE, Parte II, en su Documento Básico "DB SI Seguridad en caso de Incendio", sección SI3, apartado 6, número 5, modificación definida en el Real Decreto 173/2010, de 19 de febrero, por el que se modifica el Código Técnico de la Edificación, aprobado por el Real Decreto 314/2006, de 17 de marzo, en materia de accesibilidad y no discriminación de las personas con discapacidad:

"Las puertas peatonales automáticas dispondrán de un sistema que en caso de fallo en el suministro eléctrico o en caso de señal de emergencia, cumplirá las siguientes condiciones, excepto en posición de cerrado seguro:

- a) Que, cuando se trate de una puerta corredera o plegable, abra y mantenga la puerta abierta o bien permita su apertura abatible en el sentido de la evacuación mediante simple empuje con una fuerza total que no exceda de 220 N. La opción de apertura abatible no se admite cuando la puerta esté situada en un itinerario accesible según DB SUA."

FABRICANTE

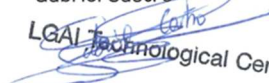
MANUSA DOOR SYSTEM, S.L.
Avda. Via Augusta 71-73, 4º
08174 Sant Cugat del Valles.
Barcelona (España)

Este Documento tiene trazabilidad directa con el informe de ensayo nº 10/101389-750 de Applus+ LGAI Technological Center, emitido en fecha del 15 de abril del 2010, donde se detalla el alcance y los resultados de los ensayos. La validez de dicha conformidad está sujeta a la invariabilidad de posibles cambios normativos que pudieran ocurrir en el CTE a partir de la fecha de emisión.

Bellaterra, 15 de abril de 2010

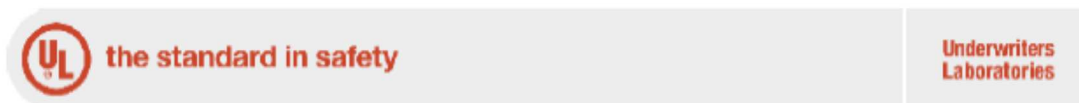
Responsable de Herrajes y Cerramientos
LGA Technological Center S.A.

Gabriel Castro


LGA Technological Center, S.A.

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2.4. Endurance



N° de Proyecto: 10CA48142
N° de Informe: SV18079
Fecha de Emisión: 2010/10/08

Emitido para: **MANUSA**
CTRA. PLA DE STA. MARIA, 235-239
POL. IND. VALLS
VALLS
43800 - VALLS (TARRAGONA, ESPAÑA)

Certificamos que: **El OPERADOR de Puertas Automáticas**
Modelo VISIO

Ha superado satisfactoriamente la Prueba de Endurancia
(2.500.000 ciclos), bajo la supervisión de Underwriters
Laboratories Iberica, S.L., y efectuada de acuerdo con la
Instrucción Técnica indicada en el presente Certificado.

Instrucción Técnica: **M00001 (rev. 01, 2009/10/19) de MANUSA**

Información Adicional: **Véase Informe de Pruebas SV18079**

The issuance of this certificate in no way implies Listing, Classification or Recognition by UL and does not authorize the use of UL Listing, Classification or Recognition Marks or any other reference to UL on or in connection with the product. You cannot use this test data or UL's name or marks in connection with any product, packaging, advertising, promotion or marketing without UL's prior written permission.

Emitido por:



Joaquim Arissó

Joaquim Arissó
Field Representative
Department: 9056XBAR
E-mail: joaquim.arisso@es.ul.com

Revisado por:



Ramon Puerta

Ramon Puerta
Area Manager
Department: 9056XBAR
E-mail: ramon.puerta@es.ul.com

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2.5. Functionality



TEST CERTIFICATE



Powered pedestrian doorsets for operating rooms and clean rooms

Model: VISIO HERMÉTICO Leaf model: P-50 Leaf weight: 200 Kg. Serial N°: GIEL010412160041	Model: VISIO HERMÉTICO Leaf model: P-50 Leaf weight: 90 Kg. Serial N°: GIEL010412160040
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The proof of these doors has been carried out by the undersigned technician belonging to TÜV Rheinland Ibérica Inspection, Certification & Testing, S.A., as Lead Independent Inspection according to their training and their powers, on the date indicated.

El Prat de Llobregat, January 8th 2013



David Rodríguez Carballas

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TÜVRheinland®

TEST CERTIFICATE



MANUSA DOOR SYSTEMS

Powered pedestrian doorsets

Model: **VISIO**
Leaf model: **P-50**
Leaf weight: **2x124 Kg.**
Serial N°: **GIEL01030400054**

The proof of these doors has been carried out by the undersigned technician belonging to TÜV Rheinland Ibérica Inspection, Certification & Testing, S.A., as Lead Independent Inspection according to their training and their powers, on the date indicated.

El Prat de Llobregat, January 8th 2013



David Rodríguez Carballas

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2.6. Conformity vs UNE 85121



Underwriters
Laboratories

Project No.: 10CA61442
Report Reference: SV18079/2011
Issue Date: 2011/02/15

Issued to: **MANUSA**
Av. Via Augusta, 85-87, 6ª planta
08174 – Sant Cugat del Vallès
SPAIN

This is to certify that: The management system from Manusa is in agreement with the standard **UNE 85121 EX "Automatic pedestrian doors. Installation, use and maintenance"**, and complies with the operations related to their use and maintenance, as well as with their periodicity, operations to be performed as per the instructions detailed in the "User Manual" delivered by the manufacturer or by the installation company.

Technical Instruction: User Manual from MANUSA

Additional Information: See Test Report SV18079/2011

The issuance of this certificate in no way implies Listing, Classification or Recognition by UL and does not authorize the use of UL Listing, Classification or Recognition Marks or any other reference to UL on or in connection with the product. You cannot use this test data or UL's name or marks in connection with any product, packaging, advertising, promotion or marketing without UL's prior written permission.

Issued by:



Joaquim Arissó
Joaquim Arissó
Field Representative
Department: 9056XBAR
E-mail: joaquim.arisso@es.ul.com

Reviewed by:



Ramon Puerta
Ramon Puerta
Area Manager
Department: 9056XBAR
E-mail: ramon.puerta@es.ul.com

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2.7 Conformity vs EN ISO 13849



Confirmation of Conformity

Nr. : **33219209/11**

TÜV Rheinland Ibérica
Inspection, Certification and Testing, S.A.

confirm that the following product :

Type :	DRIVE FOR POWERED PEDESTRIAN DOORSETS
Model :	VISIO
<i>manufactured by :</i>	MANUSA DOOR SYSTEMS Av. Vía Augusta, 85-87, 6ª planta 08174 Sant Cugat del Vallès (Spain)

Has been tested according to the following standards :

UNE-EN ISO 13849-1/2. (Performance Level "d")

The above mentioned product complies with the requirements specified in this standard.



Barcelona, 20.04.2012
 Pilar Pinilla
 Dept. Control Quality

This Confirmation enables to mark the product with the standard designation, but does not enable to use marks related with TÜV Rheinland Group on the product or packaging.

Manufacturer: MANUSA FACTORY

Address: Av. Vía Augusta, 85-87, 6ª planta
08174 – Sant Cugat del Vallès
Barcelona, España
Tel 902 321 400
Fax 902 321 450
www.manusa.com

Product: **Operator Visio.** Operator for powered pedestrian doors.

Models: **Visio, Visio Hermético**

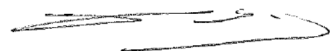
By this document we declare, under our responsibility, that the products listed and referenced comply with the following European Directives:

2006/42/CE: Machinery Directive.
305/2011/CE: Construction Products Regulation.
2004/108/CE: Electromagnetic Compatibility Directive.
2006/95/CE: Low Voltage Directive.

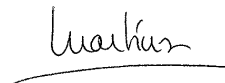
It has also implemented the following harmonized standards and technical specifications:

EN 16005
UNE 85121
EN 60335-1
EN 61000: 3-2 / 3-3 / 6-2 / 6-3
EN ISO 13849-1 / 2
EN ISO 12100-1 / 2
EN ISO 13857
EN ISO 14121-1 / 2
EN 1037
EN 10327

CE Marking is included in the product to indicate conformity with the essential requirements of the directives that apply. This Declaration of conformity means that the installation and put in service of the machine has been made in accordance with the installation instructions, operating and maintenance manual.



Josep Mª Guilera
General Manager



Francesca Martínez
Product Standardization

Sant Cugat del Vallès, april 2010