



# ISTITUTO GIORDANO

EC NOTIFIED BODY No 0407

## EC CERTIFICATE OF CONFORMITY

### 0407-CPD-055 (IG-154-2005) GB

In compliance with Council Directive 89/105/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (the Construction Products Directive or CPD), as amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

## ELECTRICALLY POWERED HOLD-OPEN DEVICES FOR SWING DOORS

classified as specified in the annex  
marketed by

### ELFRI S.r.l.

Via Friuli, 9 - 33050 GONARS (UD) - Italy

and manufactured in the works at

Via Friuli, 9 - 33050 GONARS (UD) - Italy

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified Istituto Giordano S.p.A. has performed the initial type-testing for the relevant characteristics of the product, the notified body Istituto Giordano S.p.A. has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

**EN 1155:1997/A1:2002/AC:2006**

were applied and that the product fulfils all the prescribed requirements

This certificate was first issued on 24/11/2005 and remains valid as long as the conditions laid down in the technical specification in reference or the manufacturing conditions in the factory or the factory production control itself are not modified significantly

Bellaria-Igea Marina - Italy, 08/11/2012

Revision 5

*This document is the English translation of the certificate No 0407-CPD-055 (IG 154-2005) revision 5 dated 08/11/2012 issued in Italian  
Date of translation 21/11/2012*

CPD Department Technical Manager

Dott. Ing. Giuseppe Persano Adorno



Managing Director

Dott. Ing. Vincenzo Iommi

Sheet 1 of 2

**ANNEX TO CERTIFICATE**  
**0407-CPD-055 (IG-154-2005) GB**  
 Revision 5 dated 08/11/2012

**Classification**

In accordance with the tests performed, the results obtained and the provisions of standard UNI EN 1155 2003, the electrically powered hold-open devices for swing doors called series: "S1" "S2" "S3" "S5" "S6" "S00" "S01" "S02" manufactured and submitted by the company Elfri S.r.l. - Via Friuli, 9 - 33050 Gonars (UD) - Italy, can be classified with the following 6-digit coding system:

3	5	4	1	1	4
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where the digits signify that indicated in the table below.

Digit	Characteristic	Possible values
1 <sup>st</sup>	Category of use	grade 3: doors for use by the public, and others, with little incentive to take care, i.e. where there is some chance of misuse of the door.
2 <sup>nd</sup>	Number of test cycles	grade 5: 50 000 test cycles - grade 8: 500 000 test cycles
3 <sup>rd</sup>	Test door mass	grade 3: 60 kg grade 4: 80 kg grade 5: 100 kg grade 6: 120 kg grade 7: 160 kg
4 <sup>th</sup>	Fire resistance	grade 1: suitable for use on fire/smoke door assemblies, subject to satisfactory assessment of the contribution of the electrically powered hold-open device to the fire resistance of specified fire/smoke door assemblies
5 <sup>th</sup>	Safety	grade 1: all electrically powered hold-open devices are required to satisfy the essential requirement of safety in use
6 <sup>th</sup>	Corrosion resistance	- grade 0: no defined corrosion resistance grade 1: mild resistance grade 2: moderate resistance grade 3: high resistance grade 4: very high resistance

Ref Test Report No 201623/330/CPD

