



ISTITUTO GIORDANO

CE NOTIFIED BODY No. 0407

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0407-CPR-055 (IG-154-2005) - GB

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

ELECTRICALLY POWERED HOLD-OPEN DEVICES FOR SWING DOORS

identified and classified as shown Annex

placed on the market by

ELFRI S.r.l.

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

and produced in the manufacturing plant

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

This certificate attests that all provisions concerning the assessment and verification of constancy of performance at system 1 and the performances described in Annex ZA of the standard

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

are applied and that

the products fulfil all the prescribed requirements.

This certificate was first issued on 24/11/2005 and will remain valid as long as the harmonised standard remains valid or the manufacturing conditions in the plant or the factory production control itself are not modified significantly.

Bellaria-Igea Marina - Italia, 24/05/2016

Revision No. 7

This document is the English reissue of the certificate No. 0407-CPR-055 (IG-154-2005) Revision 7 dated 03/05/2016 issued in Italian; in case of dispute the only valid version is the Italian one.

CPD Department Technical Manager

(Dott. Ing. Giuseppe Persano Adorno)

The original of this document consists of an electronic document with a digital signature affixed pursuant to DPR (Presidential Decree) 513/97.

Chief Executive Officer

(Dott. Arch. Sara Lorenza Giordano)

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ANNEX TO CERTIFICATE

0407-CPR-055 (IG-154-2005) - GB

Revision No. 7 dated 24/05/2016

Classification

In accordance with the tests performed, the results obtained and the provisions of the product standard, the test sample, comprising electrically powered hold-open devices for swing doors called series: "S1", "S2", "S3", "S5", "S6", "S00", "S01", "S02", "SH2", "S05", "S03130" 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	7 4	1	1	4
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where the digits signify that indicated in the table below.

Digit	Characteristic	Possible values
1st	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.
2nd	Number of test cycles	- grade 5: 50 000 test cycles - grade 8: 500 000 test cycles
3rd	Test door mass	- grade 3: 60 kg - grade 4: 80 kg - grade 5: 100 kg - grade 6: 120 kg - grade 7: 160 kg
4th	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
5th	Safety	- grade 1: all electrically powered hold-open devices are required to satisfy the essential requirement of safety in use
6th	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 Nos. 201623/330/CPD and 333278/9929/CPR issued by Istituto Giordano S.p.A.