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Date: 2016/06/30  
 Subscriber: 439618001  
 PartySite: 555697  
 File No: R21907  
 Project No: 4787378879  
 PD No: 16024766  
 Type: L  
 PO Number:

Subject: **Procedure And/Or Report Material**

The following material resulting from the investigation under the above numbers is enclosed.

**Issue**

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
	1		Revised Index Page(s) 1	2016/06/29
2016/06/29	1	2	Cert of Compliance	
2016/06/29			Add New Indep Report	

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Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

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NBK File

Model or Cat. No.	Section	Report Date
Models GD900F (Floor Mount), GD900W (Wall Mount) and GD900W/S (Wall Surface Mount), rated 12 V DC or 24 V DC	1	2005-03-23
Models GD970 (Wall Mount), GD970S (Wall Surface Mount), GD975F (Floor Mount), GD990 (Wall Mount), GD990S (Wall Surface Mount), GD995F (Floor Mount), rated 12V DC / 24V DC / 110V AC / 220 V AC.	2	2016-06-29

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160630-R21907  
**Report Reference** R21907-20160629  
**Issue Date** 2016-JUNE-30

**Issued to:** GIANNI INDUSTRIES INC  
13 ZHONG SING RD  
TU-CHENG INDUSTRIAL ZONE  
TU-CHENG DISTRICT  
NEW TAIPEI  
236 TAIWAN

**This is to certify that representative samples of** FIRE DOOR HOLDERS  
See Addendum page


Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 228, Door Closers-Holders, With and Without Integral Smoke Detectors.  
ULC/ORD C228, Door Closers and Holders.

**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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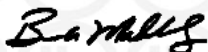
# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160630-R21907  
**Report Reference** R21907-20160629  
**Issue Date** 2016-JUNE-30

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Electromagnetic door holders, Models GD970 (Wall Mount), GD970S (Wall Surface Mount), GD975F (Floor Mount), GD990 (Wall Mount), GD990S (Wall Surface Mount), GD995F (Floor Mount). The door holder is supplied in following specific supply voltages, 12V DC/ 24V DC / 110V AC / 220 V AC.

Suffix F indicates floor mount  
Suffix S indicates surface mount on wall



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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File R21907  
Project 4787378879

June 29, 2016

REPORT

on

Fire Door Holders (GTPR)

and

Fire Door Holders Certified for Canada (GTPR7)

GIANNI INDUSTRIES  
TU-CHENG DISTRICT, NEW TAIPEI, TAIWAN

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GENERAL:

This investigation was established to evaluate the electrical performance characteristics of various types of fire door holders. The fire door holders were identified as the Models GD970, GD970S, GD975F, GD990, GD990S and GD995F.

The fire door holders were evaluated in accordance with the Standards, "Door Closers-Holders, With and Without Integral Smoke Detectors", UL 228 and "Other Recognized Document for Door Closers and Holders", ULC/ORD C228

TEST RECORD NO. 1

Test results relate only to items tested.

PRODUCTS COVERED:

Electromagnetic door holders, Models GD970, GD970S, GD975F, GD990, GD990S and GD995F. The door holder is supplied in following specific supply voltages, 12V dc, 24V dc, 110 V ac and 220V ac.

The Model GD990S was used for investigation purposes and was considered representative of the Models GD970, GD970S, GD975F, GD990 and GD995F.

GENERAL:

The following tests were conducted.

Description	Standard
NORMAL OPERATION	UL 228, Clause 14 ULC/ORD-C228, Clause 7.1
INPUT (POWER INPUT AND CIRCUIT RATING)	UL 228, Sec.17 ULC/ORD C228, Sec.7.3
TEMPERATURE (TEMPERATURE RISE)	UL 228, Sec.18 ULC/ORD C228, Sec.7.5
HOLDING POWER	UL 228, Sec.19
DIELECTRIC VOLTAGE-WITHSTAND	UL 228, Sec.20 ULC/ORD C228, Sec.7.6
ABNORMAL OPERATION TEST	UL 228, Clause 21 ULC/ORD-C228, Clause 7.14
FAILSAFE OPERATION	ULC/ORD-C228, Clause 7.2
OVERVOLTAGE AND UNDERVOLTAGE OPERATION	ULC/ORD C228, Sec.7.4
VARIABLE AMBIENT TEMPERATURE	ULC/ORD C228, Sec.7.8
OVERLOAD	ULC/ORD C228, Sec.7.10
MECHANICAL STRENGTH TESTS FOR ENCLOSURES - CONSTANT FORCE TEST	ULC/ORD-C228, Clause 7.18.2, A
MECHANICAL STRENGTH TESTS FOR ENCLOSURES - IMPACT TEST	ULC/ORD-C228, Clause 7.18.2, C



## TEST RECORD SUMMARY:

The results of this investigation, including construction review and testing, indicate that the products evaluated comply with the applicable requirements in the following standards and, therefore, such products are judged eligible to bear UL's Mark as described on the Conclusion Page of this Report.

Standard	Title	Edition or Publication Date	Latest Revision Date
UL 228	Door Closers-Holders, With and Without Integral Smoke Detectors	5 <sup>th</sup> Edition	November 20, 2008
ULC/ORD C228	Door Closers and Holders	2 <sup>nd</sup> Edition	May, 1995

## CONCLUSIONS

Samples of the products covered by this Report have been found to comply with the requirements covering the category and the products are found to comply with UL's applicable requirements. The description and test result in this Report are only applicable to the sample(s) investigated by UL and does not signify UL certification or that the product(s) described are covered under UL's Follow-Up Service Program. When covered under UL's Follow-Up Service Program, the manufacturer is authorized to use the UL Listing Mark on such products which comply with UL's Follow-Up Service Procedure and any other application requirements of Underwriters Laboratories Inc. The Listing Mark of Underwriters Laboratories Inc. on the product, or the UL symbol on the product and the Listing Mark on the smallest unit container in which the product is packaged, is the only method to identify products investigated by UL to published requirements and manufactured under UL's Listing and Follow-Up Service.

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