

Our Ref.: 4G2/JYM/JYM

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TEST REPORT

Subject: Mechanical tests as per standard
NF S 61-937
on request from DORCAS.

Case No.: CET0100362_FINAL_03_a.
Date: November 18, 2013

Cancels and replaces test report n° CET0100362_FINAL_03_a of the October 24, 2013.

Addressee: Mr Jean-Philippe LEVEBVRE
MONTAJES ELECTRONICOS DORCAS S.L.
C/. José Serrano, n.º6
E-46932 SIETE AGUAS
VALENCIA (SPAIN).

Request reference: Answer to proposal No. CET0100362.
dated: July 22, 2013

Items submitted by the requesting party:

Actuated safety device

P/N: .

77N512 12VDC Din Left, 77N512 12VDC Din Right

77N524 24VDC Din Left, 77N524 24VDC Din Right

77N305-512 12VDC Din Left, 77N305-512 12VDC Din Right

77N305-524 24VDC Din Left, 77N305-524 24VDC Din Right

This document may only be copied in its entirety.

This report comprises 3 pages, without appendix.

This test report only concerns the items submitted to tests.

I – TESTS PERFORMED

Date and place of the tests:

The tests were performed from 25/07/13 to 22/10/13 in the CETIM's laboratories, 7 rue de la Presse BP 802, 42952 Saint-Etienne Cedex 9, France.

Description of the item:

Actuated safety device. 24V And 12V electrical safety catch.

The technical documentation is appended hereto.

Part Number:

77N512 12VDC Din Left, 77N512 12VDC Din Right

77N524 24VDC Din Left, 77N524 24VDC Din Right

77N305-512 12VDC Din Left, 77N305-512 12VDC Din Right

77N305-524 24VDC Din Left, 77N305-524 24VDC Din Right.

Make: DORCAS

Acceptance date: 25/07/2013 and 18/10/2013

Sequence No.: JM 176 and JM 178.

Sampling: DORCAS

Requested check:

Compliance as per sheet XIV of standard NF S 61-937 (12/1990).

Standards used:

NF S 61-937 (12/1990).

NF S 61-937-1 (12/2003).

The measurement uncertainty is less than 2% for a confidence level of 95.5%.

The requirements set by the standard take into account the measurement uncertainty imposed by the test equipment.

Weather conditions during the tests:

Temperatures $17 < T^{\circ}\text{C} < 27$

NOTE: The test results only refer to the samples subject to test.

Equipment used:

- HBM bridge of SCOUT 55 type No. 970425
- Sensor No.: F102; FGP151.
- Test bench BE S 12209
- Multimeter ENERTEC 7150. No. 850586
- Regulated power supply TTI EX752M
- Climatic enclosure WEIS WK1 600

II – TEST RESULTS

TESTS – Actuated Safety Device	C	NC	Obs
Specific characteristics for DAS (Sheet XIV)			X
Obs: Compliance the version 12 Volt in reference to the report of tests n° CET 0100362_FINAL_01_a (july29,2013).			
* DAS device warm-up: 70° for 1 hour	X		
* Functional test under lateral load applied by the catch	X		X
- Device power supply			
- Checking of the standby position			
- Application of 100 daN force to the door			
- Power cut			
Obs: The test was performed three times.			
⇒ Check of the opening in less than one second	X		
* Functional test further to power cut			
⇒ Opening of the door with a 80 N maximum push	X		
Measurement F < 80 N.			

C: Compliant

NC: Non-Compliant

Obs: Observations

III – CONCLUSION

The DORCAS actuated safety device (DAS) electric catch Part Number:

77N512 12VDC Din Left, 77N512 12VDC Din Right

77N524 24VDC Din Left, 77N524 24VDC Din Right

77N305-512 12VDC Din Left, 77N305-512 12VDC Din Right

77N305-524 24VDC Din Left, 77N305-524 24VDC Din Right.

complies with the recommendations:

- of Sheet XIV of Standard NF S 61-937 (12/1990 issue)

Drafted by
Person in charge of service
Jean-Yves MARECHAL



Approved by
Technical supervisor
Eric BABAUD
P.O.-C. FAUVEAU.

