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Swinging Fire Door Closers Certified for Canada

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ASTRA DOOR CONTROLS LTD

R12119

UNIT 10, ASTRA BUSINESS CENTRE
ROMAN WAY
PRESTON, PR2 5AP UNITED KINGDOM

For self closing doors, without hold open feature, jamb edge concealed type, Series C30.

For self closing doors, without hold-open feature, surface mounted jamb type, Models C**, Gibcloser.

For self closing doors, without hold-open feature, hydraulic concealed type, Model C36.

For self closing doors, without hold-open feature, hydraulic concealed type, Model 1000 series.

Last Updated on 2006-12-04

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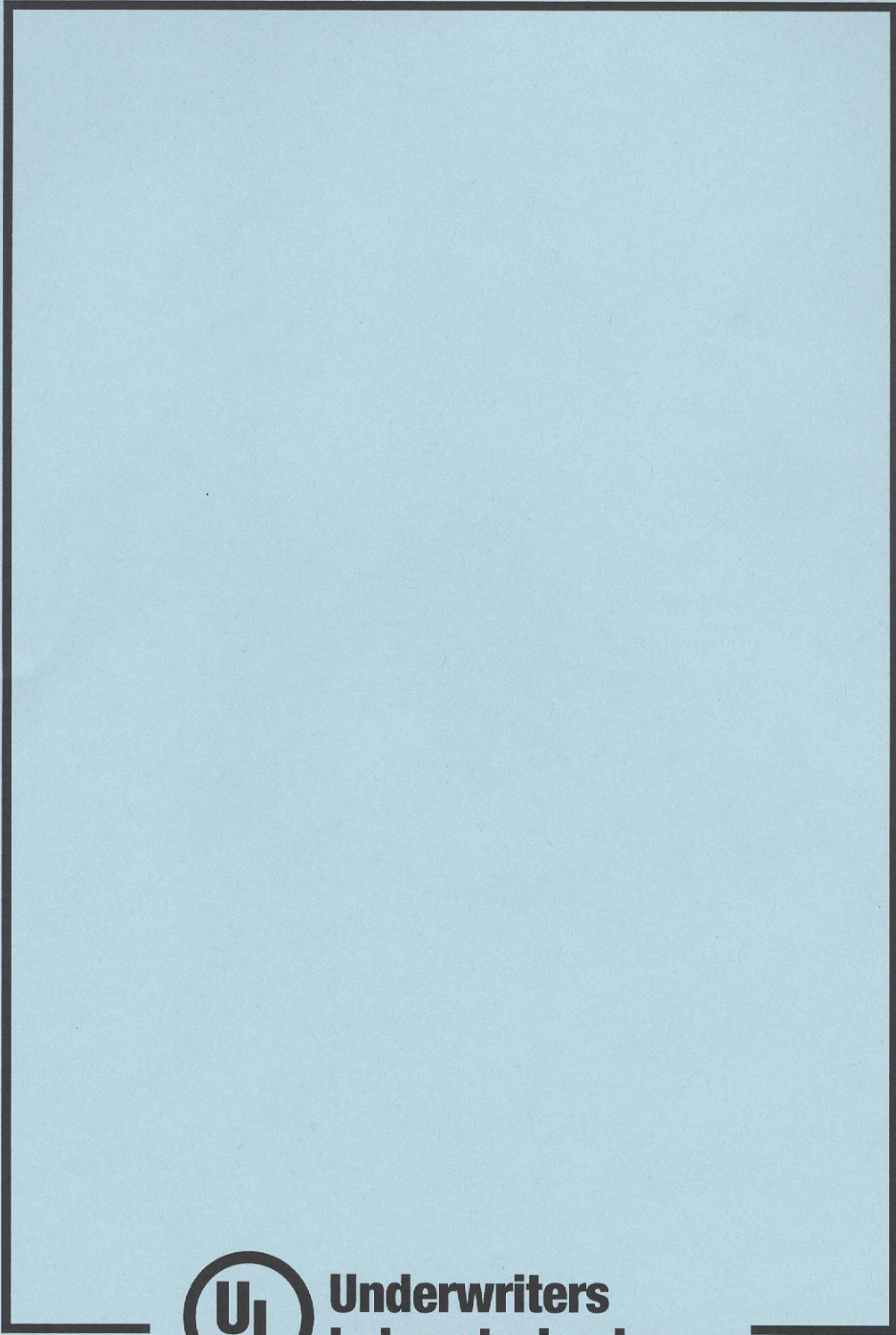
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**Underwriters
Laboratories Inc.®**

File R12119
Project 06CA55068

November 27, 2006

REPORT

On

SWINGING DOOR CLOSERS

ASTRA DOOR CONTROLS LTD
PRESTON, PR2 5AP UNITED KINGDOM

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GENERAL

This investigation was initiated for the sole purpose of determining the acceptability of swinging door closers, Model 1000 Series, automatic hydraulic concealed door closer.

PRODUCT COVERED:

Swinging door closers for self-closing doors, without hold-open feature, concealed type.

USL and CNL Model Designation: Series 1000 automatic hydraulic concealed door closer. This device is designed for use on swinging doors.

NOTE: USL - United States Standards Listed (UL 228).
CNL - Canadian National Standards Listed (CAN/ULC-S133-M90).

USE:

These door closers are for use on swinging fire doors designed to be normally closed. The door closer returns the door to the closed position after each use. They are non-handed and may be used on any handed door in any mounting position (i.e., either door or frame mounted).

MARKING:

The door closer body and its respective arm assembly shall be marked in accordance with the Listing Mark Data Page.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

The closer body sizing and the arm type application shall be determined by the authority having jurisdiction over the device's installation.

TEST RECORD NO. 1

No tests were considered necessary for the investigation of the addition of the Series 1000 automatic hydraulic concealed door closer based on the previously listed door closer, C36, in this report, R12119, Vo. 1, Sec. 3, Dated on 1997-06-18.

The investigation has been reviewed and found in accordance with the requirements in the UL Standard for Door Closers-Holders, With or Without Integral Smoke Detectors, UL 228, 5th edition, dated January 26, 2006 and the Canadian National Standard for Standard of Door Closers intended for use with swinging doors, CAN/ULC-S133-M90 dated March 1992.

Test Record Summary:

The results of this investigation, including construction review and testing, indicate that the products evaluated comply with the applicable requirements in UL Standard for Door Closers-Holders, With or Without Integral Smoke Detectors, UL 228, 5th edition, dated January 26, 2006 and the Canadian National Standard for Standard of Door Closers intended for use with swinging doors, CAN/ULC-S133-M90 dated March 1992 and, therefore, such products are judged eligible to bear UL's Mark as described on the Conclusion Page of this Report.

CONCLUSION

The following conclusions represent the judgment of Underwriters Laboratories Inc., based upon the results of the examination and the test presented in this Report as they relate to established principles and previously recorded data.

LISTING AND FOLLOW-UP SERVICE:

A sample of the product covered by this Report has been found to comply with the requirements covering the category and the product is judged to be eligible for Listing and Follow-Up Service. The manufacturer is authorized to use the UL Mark on such products, which comply with the Follow-Up Service Procedure and any other applicable requirements of Underwriters Laboratories Inc. for Door Closers-Holders, With or Without Integral Smoke Detectors, UL 228, 5th edition, dated January 26, 2006 and the Canadian National Standard for Standard of Door Closers intended for use with swinging doors, CAN/ULC-S133-M90 dated March 1992. Only those products, which properly bear the UL Mark are considered as Listed by Underwriters Laboratories Inc.

The Marks to be used on the product are illustrated below.

LISTED

DOOR CLOSER BODY

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