



Certificate of Compliance

FIRE PROTECTION EQUIPMENT

This certificate is issued for the following equipment:

Cerberus Detection System,

Approval Guide Listing: Category:

Fire Protection Equipment; Electrical Signaling; European Approval, Control and Indicating Equipment

Listings appear on following pages.

Approved for:

Siemens Switzerland Ltd.
Building Technologies Group
Gubelstrasse 22
CH-6301 Zug, Switzerland

This certifies that the equipment described has been found to comply with the applicable requirements, as stated in the Approval Report(s), of the following FM Approval Standards and other documents:

Approval Standards

<i>Class Number</i>	<i>Date</i>
3010	

Other Standards

<i>Organization, Designation</i>	<i>Date</i>
DIN EN 54-2	2002
DIN EN 54-2 pr A1	2006, teil 2 2007
EN 54-4	2006
EN54-17	2006
EN54-18	2006
IEC 60529	Edition 2.1

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Approval Granted: 15 July 2010

Related Report: 3029351 September 17, 2007
3029072 August 22, 2007

Subsequent Revisions: 3037921
3038424
3038448

FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



Member of the FM Global Group


J.E. Marquedant
Electrical Group Manager

15 July 2010
Date



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EUROPEAN APPROVAL, CONTROL AND INDICATING EQUIPMENT

Cerberus Series Systems. NOTE: These systems may not comply with all requirements of NFPA 72 which would be applicable to FM Approvals if the equipment were to be marketed in North America. Programmable fire alarm panels. The basic panel is a 24 V dc panel operable on primary voltage rating of 240 V ac. System requires the use of an FCM 2001-A1 Control unit, or an FCM 2002-A1 Control unit with LED indication, both utilize an FCM 2004-A1 PMI main board. Common optional modules include the Network module FN 2001-A1 which provides networking capability between FC 72X series fire alarm control panels. The following describe the Approved systems constructed around the common panel modules:

The FC721 is a one signaling line circuit, (loop) fire panel with the following modules/functions: Periphery board (two loop) FCI 2010-A1 provides connection of 126 addressable devices on one signaling line circuit configurable either class A style 7 or class B style 4. Power supply FP2001-A1 which provides 70 W of power from either the line voltage or two 12Vdc batteries arranged to provide 24Vdc of a maximum size of 12 Ah.

The FC722 is a two signaling line circuit, (loop) fire panel with the following modules/functions: Periphery board (two loop) FCI 2002-A1 provides connection of 252 addressable devices on two signaling line circuits configurable either class A style 7 or class B style 4. Power supply FP2001 which provides 70 W of power from either the line voltage or two 12Vdc batteries arranged to provide 24Vdc of a maximum size of 12 Ah.

The FC724 is a four signaling line circuit (loop) fire panel with the following modules/functions: Periphery board (four loop) FCI 2004-A1 provides connection of 504 addressable devices on four signaling line circuits configurable either class A style 7 or class B. Power supply SV 24V-150 W which provides 150 W of power from either the line voltage or two 12Vdc batteries arranged to provide 24Vdc of a maximum size of 26 Ah.

The FT724 provides remote annunciation capability for either the FC722 or the FC724. It is connected to the control panel through the network module FN 2001-A1.

The following Cerberus™ addressable devices and appliances are connected through either of the periphery boards: Rate compensated heat detectors HI720, HI722, Photoelectric smoke detector OP720, multi-sensor detector OH720, with bases DB720, DB721. FDL 241-9 Beam type smoke detector, detector includes a base, FDLB291; one of three reflectors, DLR1191 long distance prism, DLR1192 Medium distance reflector, or DLR1193 short distance reflector, one of three light filters, DLF1191-AA 7-10 m filter, DLF1191-AB 5-8 m filter, or DLF1191-AC extraneous light filter. FDF 221-9 and FDF 241-9 flame detectors. manual call points FDM221, FDM223, FDM223H, FDM224, and FDM224H. Sounder FDS221-R, FDS221-W, sounder/beacons FDS229-A, FDS229-R, with bases FDB221, FDB222, FDB291, FDB293. Modules FDCI221, FDCI222, FDCIO221, FDCIO222, FDCIO223, FDCIO224 and line separator FDCL221



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