Certificate of Compliance

FIRE PROTECTION EQUIPMENT

This certificate is issued for the following equipment:

Models eLAN-RSA , eLAN-RSH, EliteRS-A and EliteRS-H Series Fire alarm Control Panels.

Approval Guide Listing: Categories:

Electrical Signaling, Signaling Systems (Fire), Local Protective Signaling, Local Protective Signaling, and
Electrical Signaling, Automatic Releases for Extinguishing Systems and Other Fire Protection Equipment, and
Automatic Sprinkler Systems, Automatic Releases for Preaction and Deluge Sprinkler Systems, and
Electrical Signaling, Signaling Systems (Fire), Central Station Signaling Systems

See Listings on next page.

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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		*Other Standards*	
Class Number	*Date*	*Organization, Designation*	*Date*
1011, 1012	1973	National Fire Alarm Code, NFPA 72	2002

Original Approval Job Identification:0003037016   Approval Granted: November 24, 2009

Related Report: None

Subsequent Revisions: None

To verify the availability of the Approved product, please refer to www.approvalguide.com

[signature]
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5 June 2014
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Date

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Local Protective Signaling

eLAN-RSA , eLAN-RSH, EliteRS-A and EliteRS-H Series Fire alarm Control Panels. The eLAN Series controls use firmware revision 06.xxxx. The EliteRS Series controls use firmware revision 07.xxxx. The controls use 12AH to 18AH batteries for inside the panel mount and up to 60AH for remote cabinet mount. Below see the table for model number breakdown for the eLAN-RSA , eLAN-RSH, EliteRS-A and EliteRS-H Series Fire alarm Control Panels:

VF08abc-cd

a =   Model Designation: 8 = Elite or 9 = eLAN
b   =   This is reserved for definition of the loop protocol, defined by the numbers 1, 2, 3 , 5, 6 and 7:
1 – 1 Loop Hochiki Protocol;
2 - 2 Loop Hochiki Protocol;
3 - 1 Loop Hochiki Protocol, non expendable;
5 – 1 Loop Apollo Protocol;
6 - 2 Loop Apollo Protocol;
7 - 1 Loop Apollo Protocol, non expandable.
c   =   This is reserved for definition of the type of Coomunication Board that is installed on the panel, defined by the numbers 0, 1, 2, 3, 4, 5, 6 and 7:
0 – No communicators installed;
1 – Media Gateway Card is installed;
2 – NIC is installed;
3 – Not used;
4 – Modem DACT Ethernet card is used;
5 – e-Net interface is installed;
6 – Integrated Dialer is installed;
7 - e-Net interface and Integrated Dialer are installed.

d = This is reserved for definition of the enclosure color, defined by the numbers 1, 2, 3 and 4:

1 – Red enclosure;
2 – Charcoal enclosure;
3 – Not used;
4 – Grey enclosure.

The eLAN-RSA , eLAN-RSH, EliteRS-A and EliteRS-H Series Fire alarm Control Panels compatible components and modules are listed in the table below:

Model	Interface Board	Embedded dialer	VesNet Compatible	eNet Compatible	FireNet Network Compatible
VF0ab0	None	No	Yes	Yes	No
VF0ab1	VF1150-00 Media Gateway	No	Yes	No	No
VF0ab2	VF1151-00 NIC	No	Yes	No	No
VF0ab4	VF1153-00 Ether/DACT	No	Yes	No	No
VF0ab5	VF1170-00 eNet	No	No	Yes	No
VF0ab6	None	Yes	No	Yes	No
VF0ab7	VF1170-00 eNet	Yes	No	Yes	No

a = This is reserved for definition of the loop protocol, defined by the numbers 1, 2, 3 , 5, 6 and 7.

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b = This is reserved for definition of the type of Coomunication Board that is installed on the panel, defined by the numbers 0, 1, 2, 3, 4, 5, 6 and 7 (see above).

See online listing for list of compatible devices.

Each of the models in the Matrix will be capable of interfacing with:
• eMatrix VF13xx-yyy
• eView Display VF1172-xx
• 16 Channel I/O VF1171-00

Each of the models in the Matrix listed as "VesNet Compatible" will be capable of interfacing with:
• Media Gateway w/releasing VF1150-00
• NIC w/releasing VF1151-00
• Ether/DACT w/releasing VF1153-00

Each of the models in the Matrix listed as "VesNet Compatible" will be capable of interfacing with:
• VesNet Serial display VF8300-xx

Each of the models in the Matrix listed as "eNet Compatible" will be capable of interfacing with:
• eNet Interface VF1170-00

(See also CENTRAL STATION SIGNALING SYSTEMS, AUTOMATIC RELEASES FOR EXTINGUISHING SYSTEMS AND OTHER FIRE PROTECTION EQUIPMENT and AUTOMATIC RELEASES FOR PREACTION AND DELUGE SPRINKLER SYSTEMS).

Automatic Releases for Extinguishing Systems and Other Fire Protection Equipment
e-LAN RS Panels with Releasing. Basic system consists of an e-LAN RS Panel with Releasing (See descriptions under LOCAL PROTECTIVE SIGNALING), FRCM abort switch module (P/N for H-Protocol VF6001-00, VF6002-00 or VF6013-00) and SRM solenoid release module (P/N VF6006-00) or utilizing NAC output (programmed for releasing) (P/N for A-Protocol VF5665, or VF5660, or VF56661 or VF5664, or VF5608) of e-LAN RS. Release circuit requires a 2.7K end-of-line device for supervision (not required for solenoids). (See control panels descriptions under LOCAL PROTECTIVE SIGNALING).

Automatic Releases for Preaction and Deluge Sprinkler Systems
e-LAN RS with Releasing. Basic system consists of an e-LAN RS Panel with Releasing (See descriptions under LOCAL PROTECTIVE SIGNALING) and SRM solenoid release module (P/N VF6006-00) for H Protocol or utilizing NAC output (programmed for releasing) (P/N for A-Protocol VF5665, or VF5660, or VF56661 or VF5664, or VF5608). Release circuit requires a 2.7K end-of-line device for Squibb supervision (Not required for solenoid operation). For deluge and preaction sprinkler system release, compatible solenoid valves include ASCO Models R8210A107, T8210A107, 8210A107 and Skinner Model LV2LBX25. For Approved combinations of solenoid and water control valves refer to AUTOMATIC WATER CONTROL VALVES. Standby battery (24 V dc, 60 AH) provides 90 hour standby operation. (See control panels descriptions under LOCAL PROTECTIVE SIGNALING).

Central Station Signaling Systems
Digital Alarm Communicator System consisting of e-LAN RS Alarm Control Panel or Elite RS Alarm Control Panel with Releasing with digital alarm communication transmitter – either a Media Gateway with Releasing master card (P/N VF1150-00), an EtherDACT with Releasing (P/N VF1153-00), an Embedded Dialer, or a SyncroComms (PN S556), having firmware KmD2xx communicating with model Sur-Gard, System III or MLR-2000 (Firmware Version 1.2) digital alarm communication receiver (DACR) via the public switched network. (See control panel description under LOCAL PROTECTIVE SIGNALING.)

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