Certificate of Compliance

FIRE PROTECTION EQUIPMENT

This certificate is issued for the following equipment:

Elite XT (or Sigma A-XT, the European version of the Elite XT) Fire Alarm Control and Release Panel.

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

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*
3010	December 2010		

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Subsequent Revisions: None

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

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5 June 2014
Date

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Certificate of Compliance

Local Protective Signaling

Elite XT (or Sigma A-XT, the European version of the Elite XT) Fire Alarm Control Panel and Release is a three zone conventional control panel. The variants include the red, 115 Vac panel (model VF1810-10 or K1810-12), the red 230 Vac panel (model VF1810-11 or K1810-13), the grey, 115 Vac panel (model VF1810-40 or K1810-44) and the grey, 230 Vac panel (model VF1810-41 or K1810-43). Control uses firmware revision XTUS_17.HEX. The main board contains: power supply, rated 3 Amps and provides the charge for two, in series, 12 Volt, 7 AH batteries; three Initiating Device Circuits (each can be programmed Style C or Style B) for detector input or as manual release; three Style Y Notification Appliance Circuits (500 mA output) and one Auxiliary Power output (rated 500 mA). There are the following six relay outputs, each relay contacts rated at 30 Vdc and 1Amp: Fire Relay, Local Fire Relay, Trouble relay, First Stage Relay, Second Stage Relay and Extract Relay. The following ancillary devices can be used with the Model Elite XT or Sigma A-XT panel: Elite Si (model VF1821-17 or K1821-17) Releasing System Status Indicator and Ancillary PCB (model VF1890 or K1890). (See also AUTOMATIC RELEASES FOR EXTINGUISHING SYSTEMS AND OTHER FIRE PROTECTION).

Automatic Releases for Extinguishing Systems and Other Fire Protection Equipment

Elite XT (or Sigma A-XT) Fire Alarm Control Panel and Release is a three zone conventional control panel. (See descriptions under LOCAL PROTECTIVE SIGNALING). The releasing devices are to be connected to the following panel Class B releasing terminals: “Mode Select”, “Man. Release”, “Abort”, “Rel Press Switch”, “Exting” and “Low P Switch”. Each releasing output is supervised via an end of line resistor. The solenoid release circuit (“Exting” terminal) is rated 1 Amp. The Elite Abort Switch (model VF1823-10, VF1823-40 or K1823-10, K1823-40) is required for the agent release operation: it connects to the “Abort” terminals of the release. A Sequential Activator VF0481-00 or FP-SA/GEN3.0 (up to 20) may be connected to the solenoid releasing circuit for canister activation. A Manual Extinguishant Disablement Switch (model VF1832-10, VF1832-40 or K1832-10 and K1832-40) may be connected between panel solenoid outputs and releasing solenoid along with the 0V & FLT connections of the panel.

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