

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
 OFFICE OF THE STATE FIRE MARSHAL  
 FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM  
**LISTING SERVICE**



**LISTING No.** 7165-1657:186 Page 1 of 2

**CATEGORY:** Fire Alarm Control Unit (Commercial)

**LISTEE:** GE Security, Inc., 8985 Town Center Parkway, Bradenton, FL 34202  
 Contact: Jewell Micochero (941) 739-4358 Fax (941) 308-8123  
*Rhonda.Micochero@GE.com*

**DESIGN:** Models EST3, EST3R, EST3-230, EST3R-230, EST200, EST200R, EST200-2 and EST200R-2 fire alarm control units. Power limited. Automatic, manual, coded, noncoded, local, auxiliary, remote station, (DACT),(reverse polarity), proprietary (multiplex), central station, waterflow and sprinkler supervisory service. Model EST3 is also suitable for mass notification system and smoke control. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

3-BPS/M, 3-BPS/M/230	Booster Power Supply
3-PPS/M, 3-PPS/M-230	Primary Power Supply
3-BBC*, /230*, /M, /M-230	Battery Booster Charger Power Supply
3-RS232	CPU RS232 Comm
3-XMEM	CPU Memory Option
3-IDC8/4	Zone Card
3-CPU, 3-CPU1, 3-CPU2, 3-CPU3	Central Processing Unit
3-LCD, 3-LCDXL, 3-LCDXL1	CPU LCD Display
3-OPS	Off Premises Signaling Module
3-LDSM	LED Display Module
3-LRMF	Blank LRM Filler
3-CHAS4, -CHAS-5, -CHAS-7, -CHASS*	Module Chassis
3-CAB-5(R),-7(R),-14(R),-21(R)	Module Cabinet (red)
3-TAMP, 3-TAMP5	Tamper Switch
*3-TAMPRCC	Tamper Switch
3-RCC7(R),-RCC14(R),-RCC21(R)	Closet Cabinet (red)
3-PSMON	Power Supply Drive Monitor
3-BPMON	Power Supply Booster Monitor
3-BBCMOM	Battery Booster Charger Monitor
3-24G,-24R,-24Y,-12RY,-12SY,-12SR,-12SG	LED Display
3-12/RY,-12/2Y,-12/2S2Y,-12/S1GY	LED Display
3-12/S1RY,-18S1G2Y,-6/3S1G2Y	LED Display
3-6/3S1GYR,-18S1GYR,-6/3S3L	LED Display
*3-4/3SGYWR	LED Display
3-CAB5BR	Enclosure
3-SSDC, 3-SSDC1, 3-SDDC1	Single Loop Controller Module
3-SDC, 3-SDC1	Signature Data Card
3-ASU, 3-ASUMX/100, /MM*	Audio Source Module
3-FTCU	Firefighter Phone Module
3-ASU/FT	Audio/Firefighter Module
3-ZA15, 20*, 30, 40*, 95*	Amplifier
3-RS485(130316/130410-01)	Network Communication Card
3-RS485A, 3-RS485B, 3-RS485R	Network Communication Card
3-DSDC, 3DSDC1	Dual Loop Controller Module
3-FIB, 3-FIBA	Fiber/Copper Data Com Module
3-FIBMB	Fiber Optic Interface Card
*3-CCI	City Interface
CDR-3	Coded Output Module
*URSM	Universal Riser Supervisor Module

RM1	Supervisory Module
3-AADC, 3-AADC1	Analog Addressable Communication Module
3-ATPINT, MN-ABPM*	ATPC Interface Module
3-REMICA, 3-REMICP	Remote Microphone
PT1-S	System Printer
PT1-P	System Printer Parallel
3-ZA90, 3-ZA20A, 3-ZA20B	Zone Amplifiers
3-ZA-40A, 3-ZA40B, 3-ZA95	Zone Amplifiers
ATCK	Attack Kit Cover for 3-RCC7R cabinet
3-MODCOM, 3-MODCOMP	Modem communicator/pager interface
3-NSHM1, 3-NSHM2	Modem Communication Cards
3-SAC	Security Access Control Module
3-ASUXM/100	Audio and Telephone Masters
*MN-COM1S	Interface Module
*MN-NETSW1	Network Switching Hub
*MN-PASM	Audio Preamp Module
*MN-FVPN	VoIP Encoding/Decoding Unit
*MN-BRKT1, 3	Mounting Bracket

**RATING:** EST3, EST3R, EST200, EST200-2, EST200R, EST200R-2: 120 VAC  
EST3-230, EST3R-230: 220 VAC

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, electrical rating, and UL label.

**APPROVAL:** Listed as fire alarm control units for use with separately listed electrically and functionally compatible initiating and indicating devices. Also suitable for high-rise application. Refer to listee's Installation Instructions Manual for details.

These control units can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 2002 Edition.

This control unit meets the requirements of UL-864, 9<sup>th</sup> Edition Standard.

- NOTE:**
1. For ***Fire Alarm Verification Feature*** (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.
  2. Formerly 7165-1591:186 and 7165-1388:211
  3. Combined with 7170-1657:187

\*Rev. 08-11-2009 fm



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **AUGUST 11, 2009**

*Listing Expires June 30, 2010*

Authorized By: **FRANCIS MATEO, Program Coordinator**  
*Fire Engineering Division*