

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



LISTING SERVICE

LISTING No. 7165-2078:0100

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CATEGORY: 7165 -- FIRE ALARM CONTROL UNIT (COMMERCIAL)

LISTEE: Minimax USA, LLC3025 Independence Dr. Suite C, Livermore, CA 94551
Contact: Doug Meyers (480) 553-5670 Ext: 2769 Fax (480) 553-5701
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DESIGN: Model MX-320 fire alarm control unit. Local, auxiliary, remote station (PPU), proprietary (PPU), central station (PPU), manual, automatic, waterfowl and sprinkler supervisory services. Also suitable for releasing service and Process Management System. Model numbers may be followed by an "R" suffix representing the enclosure color being red. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

ACM-8R, -16AT, -24A, -32AT, -48A; Annunciator Control Modules
ACPS-610; Addressable power supply/charger
AEM-16AT, -24A, -32AT, -48A; Annunciator Expander Modules
AFM-16A, -16AT, -32A; Annunciator Fixed Modules
AKS-1B; Annunciator Key Switch
APS2-6R; Power supply
BB-100, -200; Battery Boxes
BGR-SCS, BGRB-SCS; Smoke Control Station
CEF-SCS, RSA-SCS, RSB-SCS; Smoke Control Station
RSC-SCS, RSD-SCS, RSE-SCS; Smoke Control Station
CPU-320SYS; CPU Board
CRT-2; Display Terminal
DPI-232; Panel Interface
EQ Series; Cabinets
EQBB-B4, EQBB-C4, EQBB-D4; Backbox Assembly
EQDR-B4, EQDR-C4, EQDR-D4; Door Assembly
FCM-1, FCM-1-REL; Releasing Control Module
FCPS-24S6, -24S8; Field Charger/Power Supply
FDU-80/G; Remote Annunciator
FIRSTVISION-LCD/ENC; Interactive Firefighters' display/enclosure
FDM-1; Dual Monitor Module
FRM-1; Relay Module
FZM-1, FMM-1, FMM-101; Monitor Modules
IPDACT-2/-2UD; IP Fire Alarm Communicator
ISO-X; Isolator Module
KDM-R2; Keyboard Display Module
LCD-80; Annunciators

10-03-2011 mt



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

Date Issued: **July 01, 2018**

Listing Expires **June 30, 2019**

Authorized By: **DAVID CASTILLO, Program Coordinator**
Fire Engineering Division

LCD-80TM; Annunciator Terminal Module LCD
 LCD2-80; Remote Annunciator
 LDM-32/-E32/-R32; Lamp Driver Module
 NBG-12LRA; Agent Releasing Abort Station
 NBG-12LX; Addressable Manual Pull Station
 NCA, NCA-2; Network Communication Annunciator
 NFS-LBB/NFS-LBBR; Battery Box/Red
 NFS-320SYS; Chassis
 RKS-S; Remote Security Key Switch
 PRN-6; Printer
 RPT-485W; Repeater Wire
 RPT -485FW; Repeater Fiber/Wire
 SCS-8; Smoke Control Station
 SCE-8; Smoke Control Expander
 SCS-8L; Smoke Control Lamp Driver Station
 SCE-8L; Smoke Control Expander Lamp
 STS-1; Security Tamper Switch
 TM-4; Transmitter Module
 TR-A4; Trim Ring
 UDACT; Universal DACT
 XP5-C/-M; Transponder Modules
 XP6-C; Supervised Control Modules
 XP6-MA; Six Zone Interface Modules
 XP6-R; Six Relay Control Modules
 XP10-M(A); Ten Input Monitor Modules

- INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.
- MARKING:** Listee's name, model number, electrical ratings, and UL Label
- APPROVAL:** Listed as fire alarm control units suitable for use in high-rise applications when used in conjunction with separately listed compatible initiating and indicating devices. This control unit can generate the temporal code pattern fire alarm signal as required per NFPA 72, 2002 Edition. Refer to manufacturer's Installation Manual for details. This control unit meets the requirements of UL Standard 864, 9th 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.
- XLF:** 7165-0028:0243

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