

# SmartOne® Addressable Signal/Sounder Module (ASM)



K-76-707

Effective: January 2023

## FEATURES

- Full digital communications
- Addressable notification appliance circuit (NAC)
- Class A or Class B wiring on NAC
- Field-programmable for 24VDC notification appliances or 25 Vrms speakers
- Supervises power for notification appliances
- For use with ARIES®-SLX and ARIES®-MLX control units operating SmartOne® communications protocol (For legacy control units, see table below.)
- cULus Listed
- FM Approved
- California State Fire Marshal Listed

## DESCRIPTION

The Addressable Signal/Sounder Module (ASM), P/N 70-210210-001, is a SmartOne® field device that connects to the Signaling Line Circuit of a compatible control unit. The ASM is an intelligent field device that contains its own microprocessor, memory and the necessary electronics to provide either a steady 24 VDC for conventional notification-appliances or 25 Vrms for speakers. Operation can be changed on-site using on-board switches and jumpers.

The ASM is able to meet the Class A power requirements of UL 864 10th Edition. An optional hardware module, the SmartOne Class A Power Module, may be installed on the ASM 24VDC power circuit in addition to wiring the NAC, SLC and 24VDC circuits as Class A style. For more information about the Class A Power Module, refer to Datasheet #K-76-706, which can be found on our Distributor Extranet site.



## COMPATIBLE CONTROL UNITS

Fire Alarm Control Unit (FACU) Type	Current Product	Legacy Product
Single Loop	ARIES®-SLX	ARIES® FENWALNET™ 6000 MICRO SLX PEGAsys™ * FENWALNET™ 2000 *
Multi Loop	ARIES®-MLX	ARIES® NETLink FenwalNET™ 8000-ML MICRO MLX PEGAsys™ * FENWALNET™ 2000 *

\* FACUs running software revision 82.4 are compatibility-tested but not agency listed with the device(s) in this data sheet.

## ORDERING INFORMATION

Description	Part Number
Addressable Signal/Sounder Module	70-210210-001
P/N 70-210210-001 includes:	
– Module	
– Front Cover Plate	
– Mounting Bracket	
– two 4.7K End-of-Line Resistors	
Front Cover Plate	06-235714-001
Class A Power Module	70-210210-100
4.7K, ½W End-of-Line Resistors, (25 pieces of P/N 06-129025-003)	70-411001-025

## SPECIFICATIONS

<b>Operating Voltage:</b>	24VDC (nominal)
<b>Device Current Draw (For Standby Battery Calculation)</b>	500 µA Max
<b>Maximum NAC Circuit Current Draw:</b>	Not to exceed 2.0 A under all conditions
<b>Operating Temperature Range:</b>	-13 TO 141°F (-25 to 61°C)
<b>Operating Humidity Range:</b>	0 - 95% R, non-condensing
<b>Environment:</b>	Indoor Use Only, Dry Locations
<b>Construction:</b>	High Impact Polymer Faceplate with a 16-gauge Aluminum Bracket
<b>Shipping Weight:</b>	10.5 oz. (298 g)
<b>Dimensions: (with Cover Plate attached to bracket, ready to be mounted)</b>	4.875 in.(L) x 1.288 in. (W) x 4.875 in. (H) 12.4 cm (L) x 3.27 cm (W) x 12.4 cm (H)
<b>Compatible Electrical Boxes:</b>	North American 4-11/16 in. electrical box, or 4 in. square 2-1/8 in. deep box. The depth and volume of the box is to be determined per Article 370 of the National Electrical Code. The volume of the device is 8.94 cubic-inches.
<b>AUX IN Voltage Rating:</b>	2.0 A Max. at 24 VDC Regulated or 20W Max. at 25.0 VRMS
<b>Trouble Circuit:</b>	30 VDC Max. Open Circuit 3mA Max. Short Circuit
<b>Wiring</b>	Unshielded

SmartOne and ARIES are registered trademarks of Kidde-Fenwal, Inc., or its parents, subsidiaries or affiliates.

This literature is provided for informational purposes only. KIDDE-FENWAL, INC. believes this data to be accurate, but it is published and presented without any guarantee or warranty whatsoever. KIDDE-FENWAL, INC. assumes no responsibility for the product's suitability for a particular application. Product features specified are only applicable when the fire suppression system is correctly designed, installed, maintained and serviced by trained, authorized Kidde Fire Systems distributors as per the applicable design, installation, operation, and maintenance manuals. If you need more information on this product, or if you have a particular problem or question, contact: KIDDE-FENWAL, INC., Ashland, MA 01721 USA, Telephone: (508) 881-2000.

## EXPORT INFORMATION (USA)

Jurisdiction: EAR  
US ECCN: EAR99  
This document contains technical data subject to the EAR.

400 Main Street  
Ashland, MA 01721 USA  
Tel: (508) 881-2000  
kiddefiresystems.com