

TR-ASM-16

TR-ASM-16 Programmable Switch Module

GENERAL

The TRIGA, TR-ASM-16 Addressable Switch Module serves as the point of interface between an operator and the system's audio evacuation, fire fighter intercom, and building control circuits. It is a component of the following systems:

- E3 Series® Expandable Emergency Evacuation System
- E3 Series Combined Fire and Mass Notification System
- E3 Series Broadband Voice Evacuation System

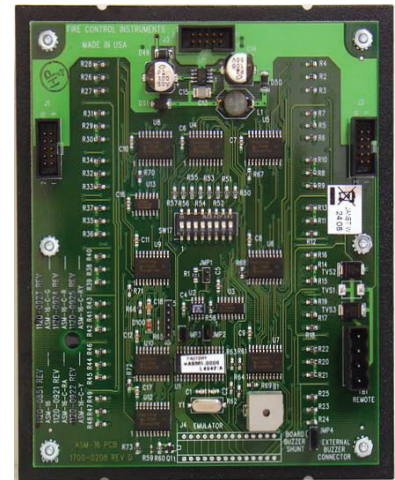
The TR-ASM-16 is a configurable switch input sub-assembly with 16 switches and 48 status LEDs. It may be remotely located via the RS-485 serial interface. Each TR-ASM-16 addressable switch module has 16 push-button switches that can be programmed to serve any function the application demands.

An TR-ASM-16 switch can be programmed to operate as any of the following functions:

- Speaker circuit switch
- Auxiliary control switch (using a bank of 2 switches, 1 switch each for on-off auto functions)
- Fire fighter phone switch
- Switches with customdefined functions:
 - System Reset
 - Allcall, phone patch
 - System Silence
 - Lamp test, alarm tone on
 - System Acknowledge
 - Manual select, etc.

Each TR-ASM-16 switch has three fully programmable LEDs that appear in red, yellow, and green. These LEDs can be programmed to work in concert with their associated pushbutton switch or they can be programmed to work independently as status indicators (for example, ON, OFF, NORMAL etc.).

An TR-INI-VGC assembly or TR-ILI-MB-E3 can accommodate up to 16 TR-ASM-16 modules for a total of 256 switches and 768 LEDs.



TR-ASM-16



TR-ASM-16 (Display)

FEATURES & BENEFITS

- Listed under UL® Standard 864, 10th Edition
- Listed under UL® Standard UL2572, 2nd Edition for Mass Notification
- Each TR-INI-VGC supports up to 16 TR-ASM-16 switch modules for a total of 256 switches
- All switch functions are fully software programmable
- Each TR-ILI-MB-E3 supports up to 16 TR-ASM-16 switch modules for a total of 256 switches
- Each TR-ASM-16 switch has three fully programmable status, indicating LEDs: red, yellow, and green
- Slip-in label inserts allow easily modified switch designations

Note: Specifications are subject to change without notice.





Technical Specifications

SPECIFICATIONS

Operating Voltage: 24 VDC (nominal) (from the PM-9/PM-9G power supply)

Operating Current: 0.011 amp. (with no LEDs lit)

Each LED draws 3mA when active

With all 48 LEDs activated, the TR-ASM-16 draws 155 mA.

Operating Temperature: 32° to 120° F (0° to 49° C)

Relative Humidity: 0 to 93% (noncondensing) at 90° F (32° C)

STANDARDS

The TR-ASM-16 is designed to comply with the following standard:

UL Standard: UL 864, 10th Edition

UL 2572, 2nd Edition for Mass Notification

TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

ORDERING INFORMATION

TR-ASM-16: Programmable Addressable Switch Module

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