

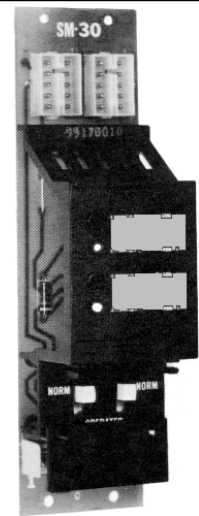


## System 3™ Switch Control Module Model SM-30

### ARCHITECT AND ENGINEER SPECIFICATIONS

- Light-emitting diode (LED) indicators
- Dual-circuit control
- Placement supervised
- Single-pole, double-throw (SPDT) switches
-  UL 864 9<sup>th</sup> Edition Listed and  ULC Listed;  
FM, CSFM & NYC Fire Department Approved



### Product Overview

The System 3 switch control module (Model SM-30) from Siemens – Fire Safety is designed to provide two (2) SPDT, manually operated switches in order to perform several system-control functions.


Typical function would include (but not be limited to) some of the following system operations:

- ✓ Audible signal silence for each individual audible circuit
- ✓ Manual activation of relays, audible signals, etc.
- ✓ Engineered fire-suppression system release
- ✓ Timer, coder, or municipal-tie bypass
- ✓ Shunt-type city box disconnect
- ✓ System disconnect
- ✓ Fan relay override
- ✓ Zone disconnect
- ✓ Alarm drill

While in 'Normal' system-operating position, the switches provide a SPDT contact via screw terminals. The yellow LED indicators mounted on the face of the module (one for each switch) are not illuminated. When the switches are manually thrown to 'Operated' position, the SPDT contact condition is reversed and yellow LED indicators are illuminated. The contact rating of the switches is 0.5 Amp at 30 VDC or 120 VAC.

If desired, circuitry is also provided within the module to indicate a system *Trouble* condition when a switch is in an abnormal position.

Model SM-30 is placement supervised, and provides a system *Trouble* signal upon removal from the system.

The unit is  Underwriters Laboratories 864 9<sup>th</sup> Edition Listed, and is Factory Mutual, California State Fire Marshall and New York City Fire Department Approved.

### Specifications

Two (2) manually operated switches shall be provided, mounting in a single module assembly for the purpose of opening or closing circuits in which system-control operating functions are required. This module, the Siemens – Fire Safety Switch Control Module, Model SM-30, shall contain two (2) SPDT switches (one to each circuit) connected to screw-type terminals mounted on the face of the module.

In addition, the module shall contain a yellow LED indicator lamp for each circuit, and the LED shall illuminate when the switch is thrown from a 'Normal' system-operating position into a 'Operated' system-operating position. The module shall be system interconnected via a 10-pin plug and harness assembly, and shall be operable with the main fire-alarm control panel. The switch control module shall be placement supervised.

System 3™ Switch Control Module **3162**

## Temperature and Humidity Range

Model SM-30 is UL 864 9<sup>th</sup> Edition Listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and a relative humidity of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

## Electrical Rating

### Current Requirement:

'Normal' switch:	None
'Operated' switch:	45mA each

## Details for Ordering

Model Number	Part Number	Description	Shipping Weight	
SM-30	500-821670	Switch Control Module	1 Lb.	0.45 Kg.
SM-30C	500-623789	Switch Control Module {for Canada}	1 Lb.	0.45 Kg.

**Notice:** This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.