

Call Point End of Line Series Resistors and Supervisory Diode Modules Installation Kit Instructions

Safety Messages to Installers

It is important to follow all instructions shipped with this product. This Call Point station and its options are to be installed by a trained electrician who is thoroughly familiar with and will follow all applicable national and local codes in the country of use. This Call Point station should be considered a part of the warning system and not the entire warning system. The selection of the mounting location for the Call Point station, its controls and the routing of the wiring are to be accomplished under the direction of the facilities engineer and the safety engineer. In addition, listed below are some other important safety instructions and precautions you should follow:

- Read and understand all instructions before installing and operating this equipment.
- To avoid electrical shock hazards, do not connect wires when power is applied. Failure to observe this warning may lead to serious injury or death.
- Never alter the unit in any manner. Safety in hazardous locations may be endangered if additional openings or other alterations are made in units specifically designed for use in these locations.
- Do not connect this station to the system or modify it when power is on.
- After installation, ensure that all threaded joints are properly tightened.
- Keep the unit tightly closed when in operation.
- After installation, test the station and the system to ensure that it is operating properly with the option installed.
- After testing is complete, provide a copy of this instruction sheet to all personnel.
- Establish a procedure to routinely check the station and system for proper activation and operation.

Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death.

Installing or Replacing the EOL/Series Resistor or Supervisory Diode Modules

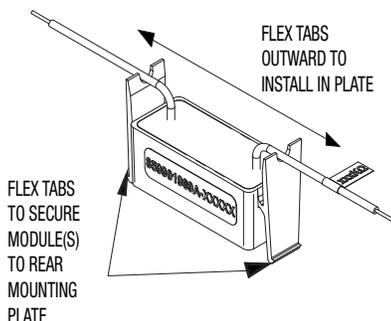
For the SPDT & DPDT Call Points station models with optional field installed EOL or Series Resistor Module(s), please note the following applicable requirements for these specific models:

WARNING

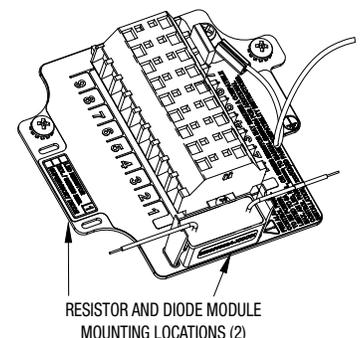
WHEN USING WITH A FIRE ALARM CONTROL PANEL, THE PANEL IS TO BE POWER LIMITED TO 5A MAXIMUM. AN LED, EOL, OR SERIES RESISTOR MAY REQUIRE A COMPATIBLE CONTROL PANEL.

IF THE EOL/SERIES RESISTOR VALUE CHOSEN IS OUTSIDE THE RANGE LISTED BELOW, THE HARDOUS AREA SAFETY OF THE Ex POTTED MODULE IS COMPROMISED. THE MAXIMUM POWER DISSIPATION ON THE RESISTOR IS 1W. FAILURE TO ADHERE TO THE ABOVE MAY LEAD TO PROPERTY DAMAGE, SERIOUS INJURY OR DEATH.

The separately supplied EOL & Series Resistor (as well as Diode) modules are installed via snap-fit clips into two possible locations on the rear mounting plate for wiring ease & replaceability. Reference the Manual Call Point Push Button and Break Glass Stations Installation and Maintenance Instructions (#25500424A) for wiring layouts for your specific application and station.



VOLTAGE	EOL RESISTOR VALUE RANGE
6 VDC	470 - 47K Ω
12 VDC	470 - 47K Ω
24 VDC	1K - 47K Ω
48 VDC	2.2K - 47K Ω



Call Points Field Installed Service/Accessory EOL/Series Resistor & Diode Modules		
Part Description	Federal Signal Part #	Use
Potted Resistor Module, 470Ω	K859901989A-0470	EOL/Series Resistor; also used with 6V LED option
" " " 1KΩ	" -1000	" " " ; also used with 12V LED option
" " " 1.8KΩ	" -1800	" " " ; also used with 24V LED option
" " " 2.2KΩ	" -2200	" " "
" " " 2.4KΩ	" -2400	" " "
" " " 3.3KΩ	" -3300	" " " ; also used with 48V LED option
" " " 3.6KΩ	" -3600	" " "
" " " 4.7KΩ	" -4700	" " "
" " " 5.6KΩ	" -5600	" " "
" " " 10KΩ	" -10000	" " "
" " " 12KΩ	" -12000	" " "
" " " 15KΩ	" -15000	" " "
" " " 22KΩ	" -22000	" " "
" " " 33KΩ	" -33000	" " "
" " " 47KΩ	" -47000	" " "
Potted Diode Module, 5A	K859901990A	5A Supervisory Diode Module

Technical Support and Service

For additional information regarding the Federal Signal line of Manual Call Points Stations, refer to the station's Installation & Maintenance Instructions manual #25500424A.

The Federal Signal factory provides technical assistance with any problems that cannot be handled locally. Any units returned to Federal Signal for service, inspection, or repair must be accompanied by a Return Material Authorization (RMA). Obtain a RMA from a local Distributor or Manufacturer's Representative. Please provide a brief explanation of the service requested, or the nature of the malfunction.

Technical Support Tel: 1-800-755-7621 | +1 708-587-3587

To order additional parts, contact Customer Support: +1 708-534-4756

Email: signalsupport@fedsig.com

Limited Warranty

This product is subject to and covered by a limited warranty, a copy of which can be found at www.fedsig.com/SSG-Warranty. A copy of this limited warranty can also be obtained by written request to Federal Signal Corporation, 2645 Federal Signal Drive, University Park, IL 60484, email to signalsupport@fedsig.com or call +1 708-534-4756.

This limited warranty is in lieu of all other warranties, express or implied, contractual or statutory, including, but not limited to the warranty of merchantability, warranty of fitness for a particular purpose and any warranty against failure of its essential purpose.



Signaling Devices

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