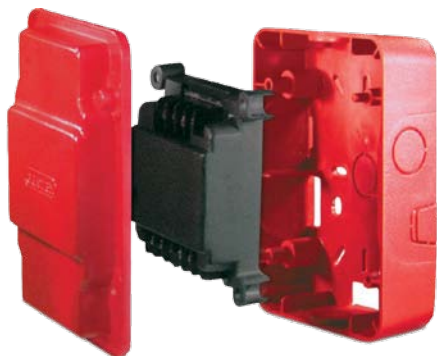


VF4009 Gangable Synchronization Control Module



Standard Features

- UL 464 and UL 1971 & BFP Listed
- Synchronize Horn and Strobe With the Use of Only Two Wires
- Easy to Install
- Module is Rated for 3 Amps
- Continuous Current and 5 Amps Surge or Inrush Current
- Synchronizes to 1Hz Flash Rate
- Operates 1 Class 'A' Circuit or 2 Class 'B' Circuits at 3 Amps per Circuit.
- Dual Synchronization Module Only When Using the 2 Class 'B' Circuits.
- A Green LED Status Indicator to Signal Operation of Module.
- Option to Silence the Horn While Strobes Continue to Flash When Using Temporal 3 Mode.
- VF4009 Operates the VF4003/ VF4004, VF4000/ VF4001/ VF4002, VF4022/ VF3032, VF4020/ VF4024 and VF4027 Series.
- Three Year Warranty From Date of Purchase.

Product Overview

- The VES VF4009 control modules are designed to provide an easy way to synchronize multiple horns as well as strobe light flashes using only two wires in instances where a synchronized flash is required.
- When the module is in temporal 3 mode, it has the capability to synchronize multiple horn signals and the ability to silence the horn while allowing the strobes to continue to flash. In unison mode, the horn cannot be silenced while maintaining strobe operation.
- By incorporating the control module as shown in the following diagrams on the next few pages, the control module will control the power to the horns to produce the synchronized operation. The VF4009 Control Modules are warranted for three years from date of purchase.

Ordering Codes

Part number	Description
VF4009-10	Gangable Synchronization Control Module - Red
VF4009-30	Gangable Synchronization Control Module - Off-White

Notes:

The VF4009 Modules come with own back box and cover plate.

Dimensions of Module: 3.85"H x 3.82"W x 1.32"D

Dimensions of Box: 5.57"H x 4.55"W x 2.39"D

A green LED status indicator will flash once every four seconds if zone 1 is operational. The LED will flash twice every four seconds if zones 1 and 2 are operational.

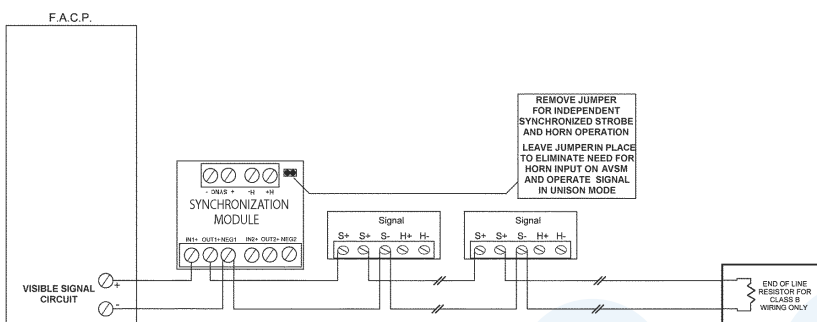
VF4009 Product Current Draw

Product	VF4026	VF4027
24 VDC	37mA	37mA
24 VDC UL Max ¹	45mA	45mA

¹ RMS current ratings are per UL average RMS method. UL max current rating is the maximum RMS current within the listed voltage range 16-33VDC for 24VDC units. For strobes the UL max current is usually at the minimum listed voltage 16VDC for 24VDC units. For audibles the max current is usually at the maximum listed voltage. For unfiltered FWR ratings, see installation manual.

Diagram 1

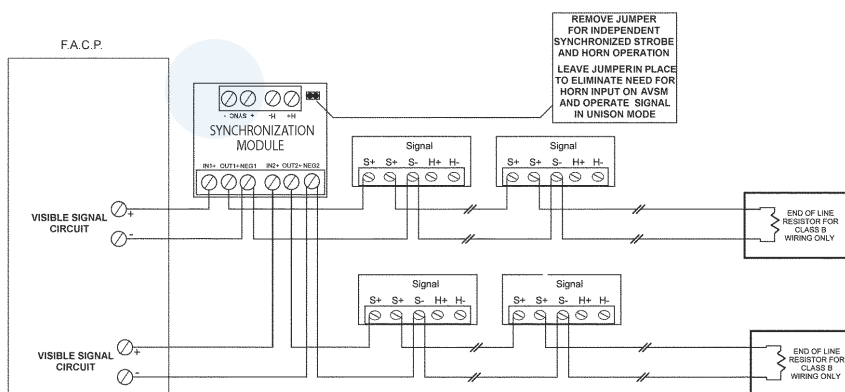
Wiring for One Class B Circuit with Strobe/Horn Operating in Unison



- VF4009 Operates the VF4003 Series, VF4000, VF4001 and VF4002 Series, VF4022, VF3032, VF4020, VF4024 Series and VF4027 Series.

Diagram 2

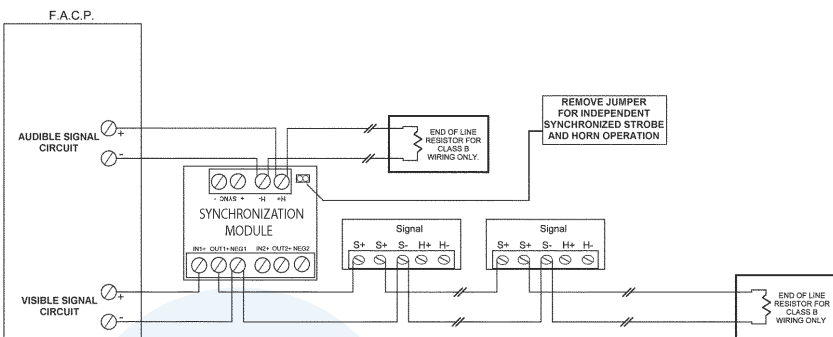
Wiring for Two Class B Circuits with Strobe/Horn Operating in Unison



- VF4009 Operates the VF4003 Series, VF4000, VF4001 and VF4002 Series, VF4022, VF3032, VF4020, VF4024 Series and VF4027 Series.

Diagram 3

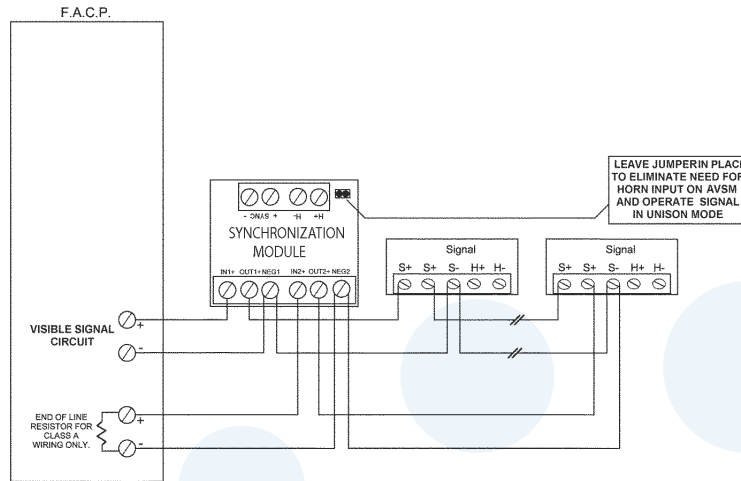
Wiring for One Class B Circuit with Strobe/Horn Operating Independently



- VF4009 Operates the VF4003 Series, VF4000, VF4001 and VF4002 Series, VF4022, VF3032, VF4020, VF4024 Series and VF4027 Series.

Diagram 4

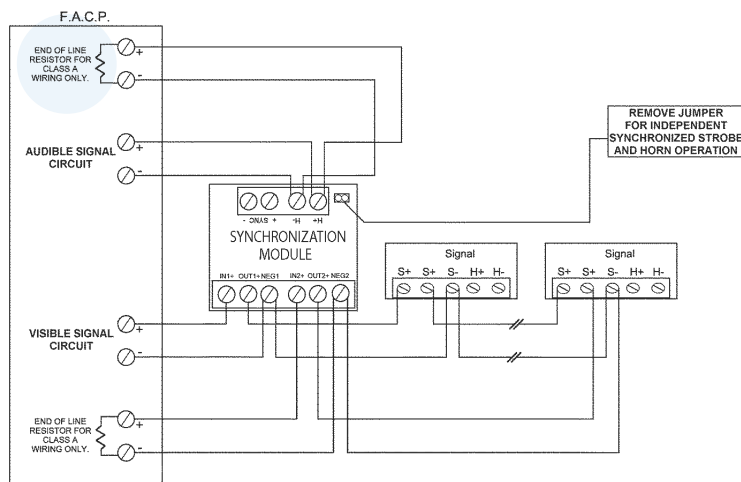
Wiring for One Class A Circuit with Strobe/Horn Operating in Unison



- VF4009 Operates the VF4003 Series, VF4000, VF4001 and VF4002 Series, VF4022, VF3032, VF4020, VF4024 Series and VF4027 Series.

Diagram 5

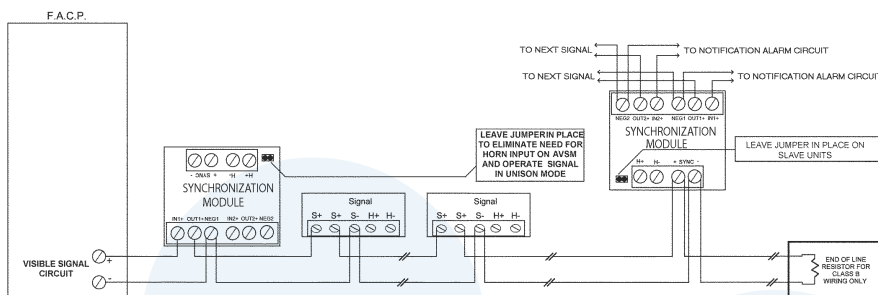
Wiring for One Class A Circuit with Strobe/Horn Operating Independently



- VF4009 Operates the VF4003 Series, VF4000, VF4001 and VF4002 Series, VF4022, VF3032, VF4020, VF4024 Series and VF4027 Series.

Diagram 6a

Wiring for One Class B Circuit with Strobe/Horn Operating in Unison and Use of Slave Module



- VF4009 Operates the VF4003 Series, VF4000, VF4001 and VF4002 Series, VF4022, VF3032, VF4020, VF4024 Series and VF4027 Series.

Diagram 6b

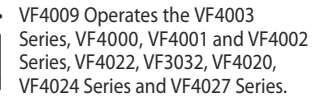
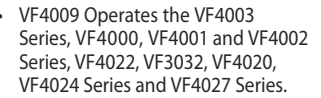


Diagram 7



Caution: The VF4009 Modules are to be connected only to circuits that provide continuously applied voltage. Do not use this module on coded or interrupted circuits in which the voltage is cycled on and off.