

## Modernization Adapter #60-2060-16

**Fireye Modernization Adapter 60-2060-16 is a plug-in assembly, designed to assist with the replacement of the FIREYE Type 25SU5 Control Models listed below using Type 25SU5 Model 5011, 5012 or 5013 Controls.**

The opportunity now exists to upgrade your old reliable P series control to a new dependable self-checking Fireye Type 25SU5 Model 5011, 5012 or 5013 flame safeguard control with little or no rewiring.

**Read Bulletin CU-27 for operational characteristics of the 25SU5-5011, 5012 and 5013.**

<b>60-2060-16 MODERNIZATION ADAPER</b>		
<b>REPLACES</b>	<b>WITH CONTROL UNIT <sup>a</sup></b>	<b>USE SCANNER</b>
25SU5-1000 <sup>b</sup>	25SU5-5011 / 5012 / 5013	45RM1-1001, -1003 45RM2-1000, -1001 45RM4-1000, -1001 45UV5-1000, -1101 45FS1-1000, -1001 45UVFS1-1000, -1001
25SU5-1011 <sup>b</sup>	25SU5-5011 / 5012 / 5013	
25SU5-4011	25SU5-5011 / 5012 / 5013	
25SU5-4111(T)	25SU5-5011 / 5012 / 5013	

a. FFRT selection is on 60-2204-2 chassis.

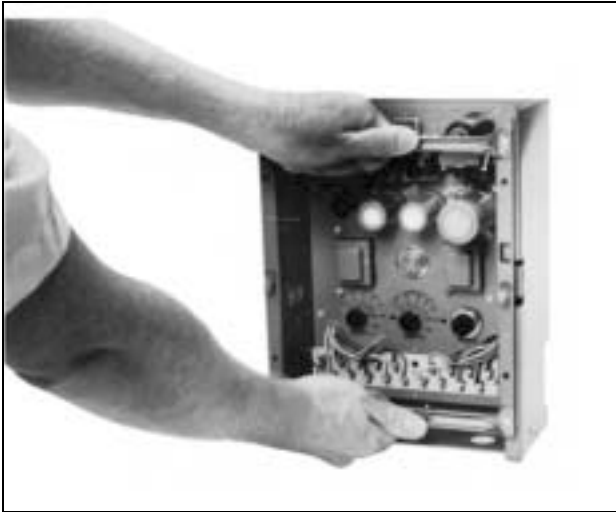
b. When replacing with a 25SU5-5011, -5012, -5013 Control, a self-checking scanner is required. Rewire in accordance with Bulletins CU-27 and CU-28.

## INSTALLATION



**WARNING: Installer must be a trained safety control technician. Verify that electrical power is disconnected before starting installation. Close the manual main fuel valve.**

1. Loosen the two chassis retaining screws and remove the chassis from its enclosure. Note the chassis type and model number.



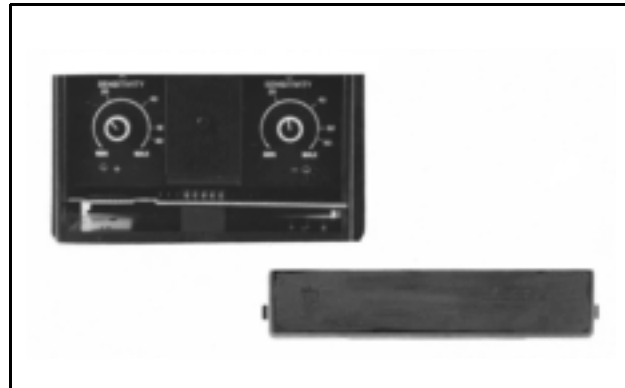
2. Note the typical circuit diagrams figure for complete information. Following wiring documentation, see Pages 3 and 4.
3. Install the Modernization Adapter and tighten the two retaining screws.



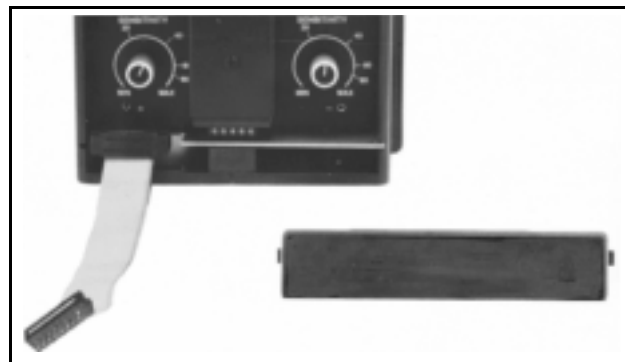
4. Insert modules in Control chassis and install into Modernization Adapter. Tighten the chassis mounting screw.



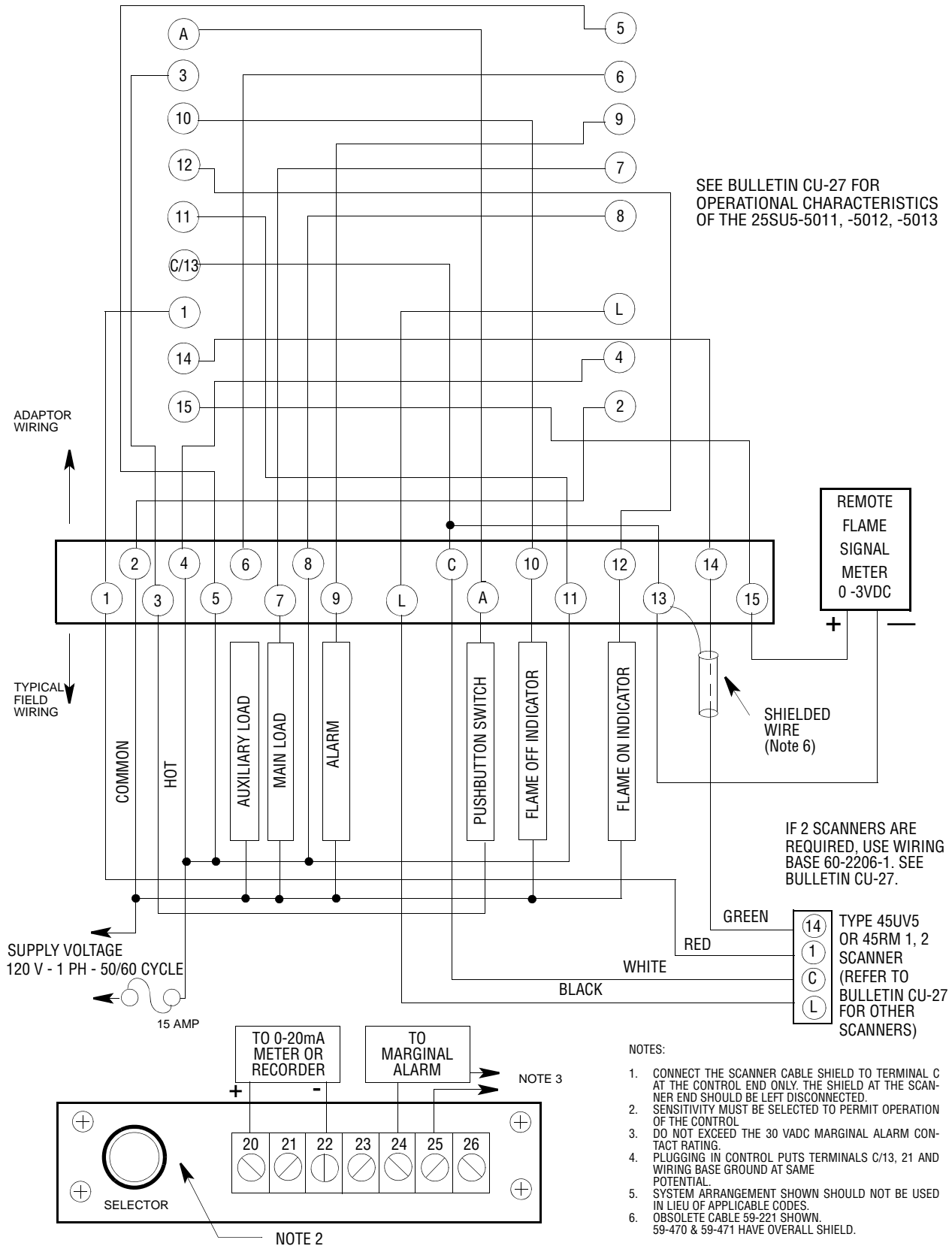
5. Remove the connector board cover at the bottom of the chassis.



6. Plug the ribbon cable connector onto the left side of the connector board.



Typical circuit diagram for modernizing a Fireye P-Series installation using a 60-2060-16 Modernization Adapter with a Fireye Type 25SU5 Model 5011, -5012, -5013 control.





**NOTE:** When using line voltage scanner (45UV5, 45RM1 or 45RM2) you must not power more than one scanner from the same power (L) or shutter (I) terminal.

When two line voltage scanners are used, the power (L) and shutter (I) terminals must be switched via external circuitry.

If it is required that the two line voltage scanners be active simultaneously, instead of adapter P/N 60-2060-16, you must use wiring base P/N 60-2206-1 which is provided with separate terminals for the two scanners. This will eliminate the need for the external switching circuitry described above.

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## NOTICE

When Fireeye products are combined with equipment manufactured by others and/or integrated into systems designed or manufactured by others, the Fireeye warranty, as stated in its General Terms and Conditions of Sale, pertains only to the Fireeye products and not to any other equipment or to the combined system or its overall performance.

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## WARRANTIES

FIREYE guarantees for *one year from the date of installation or 18 months from date of manufacture* of its products to replace, or, at its option, to repair any product or part thereof (except lamps, electronic tubes and photocells) which is found defective in material or workmanship or which otherwise fails to conform to the description of the product on the face of its sales order. **THE FOREGOING IS IN LIEU OF ALL OTHER WARRANTIES AND FIREYE MAKES NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED.** Except as specifically stated in these general terms and conditions of sale, remedies with respect to any product or part number manufactured or sold by Fireeye shall be limited exclusively to the right to replacement or repair as above provided. In no event shall Fireeye be liable for consequential or special damages of any nature that may arise in connection with such product or part.



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