

# Vent-Axia®

## INSTRUCTION FOR 447340 OPTO-COUPLER KIT

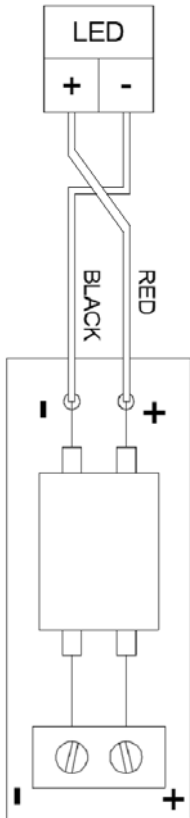
Containing Opto-coupler 446525 for use with any model in the Lo-carbon Sentinel Kinetic and Sentinel Kinetic Advance range.

Read this in conjunction with the "Installation and Commissioning Document"

It can be downloaded from:-

Lo-Carbon Sentinel Kinetic: <https://www.vent-axia.com/range/lo-carbon-sentinel-kinetic>

Sentinel Kinetic Advance: <https://www.vent-axia.com/range/sentinel-kinetic-advance>



The LED terminals are intended to drive a remote LED to indicate that a fault has occurred.

They provide a LED driving signal output between the + and – terminals that enables remote indication of a unit fault. See the Control Panel for fault code (Refer to installation and commissioning guide listed above).

This signal could also be used by a BMS system so that it is informed that a fault has occurred.

If a volt-free contact is required then use this opto-coupler to provide electrical separation.



### **POLARITY IS IMPORTANT ON BOTH SIDES OF THE OPTO-COUPLER**

Connect the flying leads of the opto-coupler pcb into the LED terminals, + to + and - to -

Connect the pair of leads from the BMS to the terminal block of the opto-coupler pcb. Max 24Vdc, with +Vdc to the + and 0V or ground to the - terminal.  
AC voltage **MUST NOT** be used.

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For details of the warranty and returns procedure please refer to [www.vent-axia.com](http://www.vent-axia.com) or write to Vent-Axia Ltd, Fleming Way, Crawley, RH10 9YX