

# Fire Alarm Plant Control Relay

## PLANT CONTROL RELAY

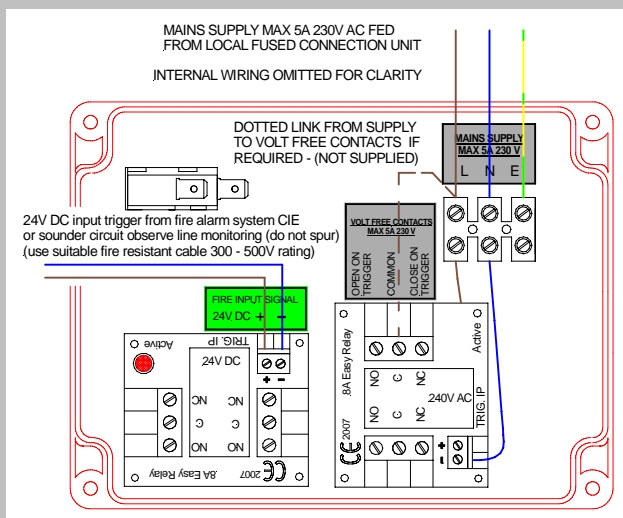
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The Plant Control Relay contains a polarised relay on a P.C.B to receive a 24V signal from BS5839 fire alarm equipment and can be connected to a typical Fire Alarm Panel sounder circuit output using EOL resistors. The unit is capable of switching ancillary 240V loads of up to 5A resistive load.

The unit overcomes drawbacks with existing simple relay arrangements, as the output from it will remain isolated even when the alarm signal is only momentarily applied. This means that power is not restored prematurely to equipment such as magnetic door contacts, lift equipment and ventilation systems, which if re energised could allow the passage of smoke or fire, as can occur with standard relays on silencing of alarms.

The control unit requires a manual reset by pushing the green button, after any alarm input or power failure, meaning it is fail safe.

### Wiring & Connection Details:



**Installation of this equipment must only be undertaken by a competent person following the most current guidance of BS7671 & BS 5839.**



### TECHNICAL SPECIFICATIONS

Mains Supply;	230v - AC - 50 Hz - 8A
Unit power consumption	2.0W @ 240V
Operating temperature	-20°C to +60 °C
Trigger I / P Voltage;	24V DC
I/P Relay Current	18mA @ 24V DC
Supply Voltage	230V AC @ 8 Amp
Supply Voltage Max Switching Current Volt Free Contacts	8A (Resistive)
Enclosure Colour	Red
Material	PVC
Dim: Width x Height x Depth	160 x 120 x 55 mm
Enclosure entry details	None - Plain - Self Drill
Approx Weight (excluding packaging)	400 G

### SUPPLIED BY:

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Specifications are subject to change without notice.  
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