

Deep Sea Electronics Plc

200 series CONTROL MODULES

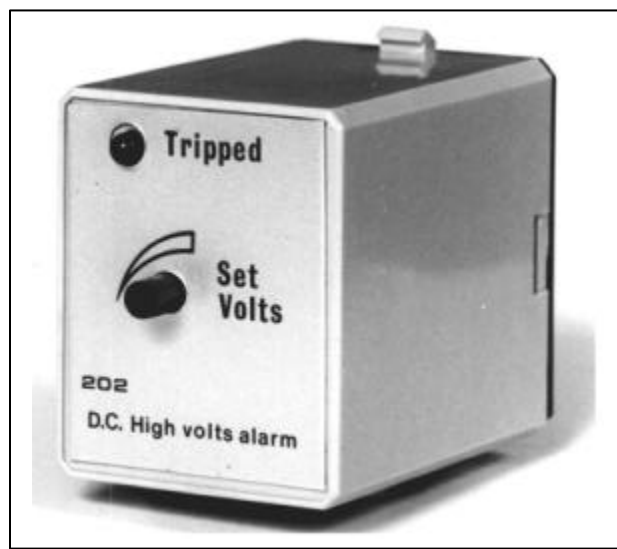
MODEL 202 HIGH VOLTAGE ALARM RELAY

DESCRIPTION

The DSE Model 202 High Voltage Alarm Unit has been designed to monitor a D.C. voltage level and give an alarm output should the voltage rise below a present level. The unit is enclosed in a robust plastic housing with indication of trip condition.

Customer adjustment for adjusting the voltage level is provided. Connections to the unit are via an 11 pin octal base.

- LED Indication of unit trip
- Adjustable voltage trip level
- Voltage free 2 pole alarm relay
- Wide choice of DC voltages



SPECIFICATIONS

DC SUPPLY:

12v (10v to 16.5v)

24v (16.5v to 32v)

Others on request.

Protected against polarization errors.

Protected against supply born transients

OPERATIONAL CURRENT:

Approx 80 milli amps.

OPERATING TEMPERATURE RANGE:

-10⁰ to + 60⁰ centigrade

CASE MATERIAL:

Plastic

CONNECTIONS:

11 pin octal base

FAULT INDICATOR:

Light emitting diode

ALARM RELAY CONTACT RATING:

Voltage free 2 pole change over

Energise on fault

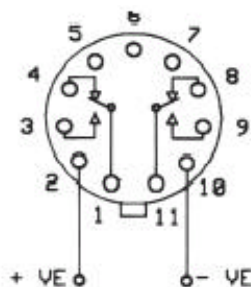
Maximum current 6 amp resistive

Maximum volts 380 A.C.

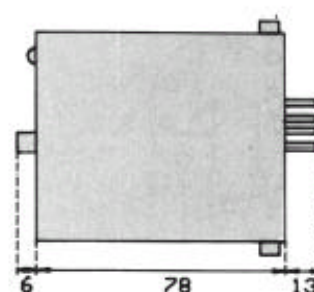
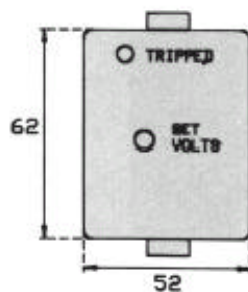
OPERATION

The unit is activated by connecting the unit's DC input to the supply rails. On connection of the supply the internal relay will remain de-energised and the high voltage alarm will begin to monitor the DC supply. Should the voltage rise above the trip level set on the front panel of the module, the unit will energise the alarm relay and operate the LED to indicate a High Voltage trip condition. The voltage level is adjustable by a control knob on the front panel of the module.

CASE DIMENSIONS



Base connections



All measurements are in MM

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