

Features

- Ten year factory warranty
- Plug in measuring module
- Double insulated high impact polystyrol case
- Termination socket included for surface mounting enabling front or rear connection with optional DIN rail mounting
- Proven circuit designs based on over 15 years of field service in hundreds of varied & demanding applications
- Easy to set calibration scales
- Tolerance to shock & vibration for generator, compressor & mobile applications

Technical Data

VOLTAGE RANGES

Order code	Pick up
2V731-1	15 - 30 Volts
2V731-2	30 - 60 Volts
2V731-3	75 - 150 Volts

VOLTAGE RANGES - Drop Out
All ranges: 75 - 98% of pick up

AUXILIARY POWER SUPPLY

Self powered from sense input

SETTING ACCURACY

+/-5% of full scale

POWER CONSUMPTION

5VA maximum

MAXIMUM WITHSTAND

125% of maximum setting continuously & 150% of maximum setting for 3s. (400V max.)

OUTPUT CONTACTS

2 C/O with 1KV isolation across contacts

SWITCHING CAPACITY

5 Amp 250V AC resistive
5 Amp 30V DC resistive

OPERATING TEMPERATURE RANGE

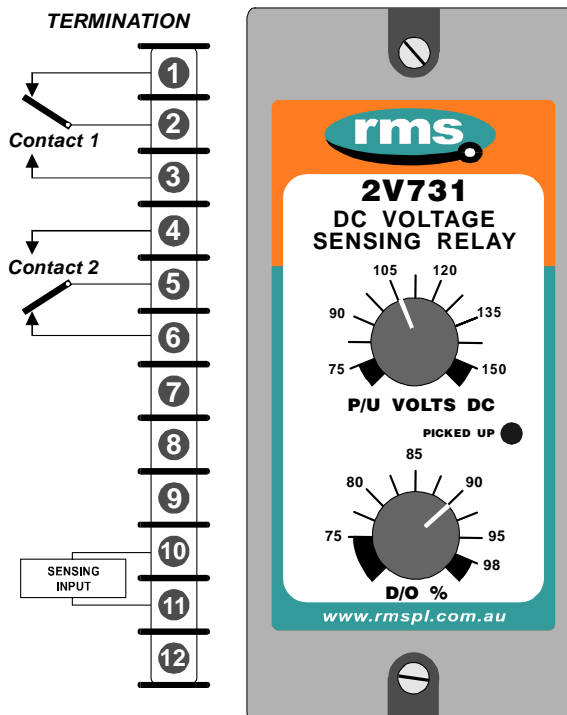
-5 to 55 degrees C.

INSULATION WITHSTAND

In accordance with IEC 255-5: 2KV RMS between input & frame, output & frame, & output & input. 1.2/50 5KV impulse between each terminal & earth, between circuits not normally connected together & between terminals of the same circuit.

NOISE IMMUNITY

Withstands the high frequency interference test detailed in IEC 255-22-1.



Description

Made in Australia

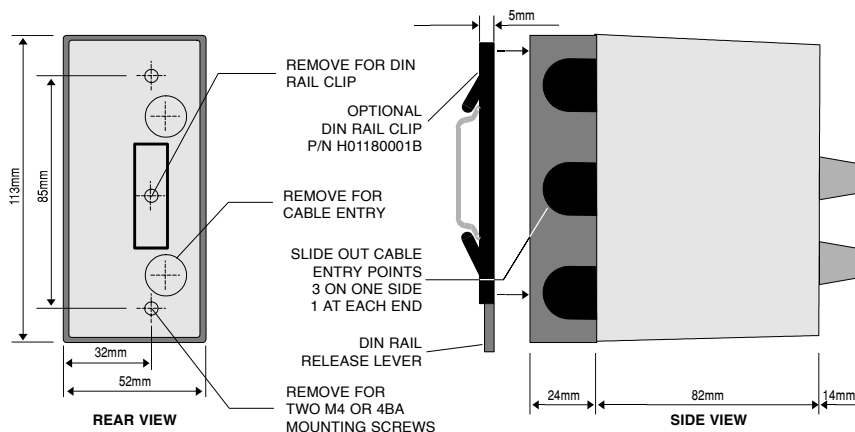
The 2V731 Series relays are solid state voltage sensing relays with electromechanical output contacts. Designed for application on DC voltage systems the 2V731 is ideally suited to monitor power supply voltage levels wherever high accuracy and reliable, maintenance free operation is essential.

The 700 Series range of electronic measuring relays are manufactured as a modular approach to electrical system protection & control. Designed to meet rigid Australian & international specifications the 700 Series provide a flexible, cost effective & extremely reliable solution for a multitude of applications under electrically hostile conditions.

Application

All power to operate the relay is derived from the sensed voltage therefore an auxiliary supply is not required. The output relay operates when the input voltage exceeds the pickup setting (P/U) and visual indication is provided by a red LED on the front panel.

The output relay will reset when the input voltage drops below the preset value displayed as a percentage of the selected pickup voltage (D/O).



Australian Content

Unless otherwise stated the product(s) quoted are manufactured by RMS at our production facility in Melbourne Australia. Approximately 60% of our sales volume is derived from equipment manufactured in house with a local content close to 90%. Imported components such as semi-conductors are sourced from local suppliers & preference is given for reasonable stock holding to support our build requirements.

Quality Assurance

RMS holds NCSI (NATA Certification Services International), registration number 6869 for the certification of a quality assurance system to AS/NZS ISO9001-2000. Quality plans for all products involve 100% inspection and testing carried out before despatch. Further details on specific test plans, quality policy & procedures may be found in section A4 of the RMS product catalogue.

Product Packaging

Protection relays are supplied in secure individual packing cardboard boxes with moulded styrene inserts suitable for recycling. Each product & packing box is labeled with the product part number, customer name & order details.

Design References

The products & components produced by RMS are based on many years of field experience since Relays Pty Ltd was formed in 1955. A large population of equipment is in service throughout Australia, New Zealand, South Africa & South East Asia attesting to this fact. Specific product & customer reference sites may be provided on application.

Product Warranty

All utility grade protection & auxiliary relay products, unless otherwise stated, are warranted for a period of 24 months from shipment for materials & labour on a return to factory basis. Repair of products damaged through poor application or circumstances outside the product ratings will be carried out at the customer's expense.

Standard Conditions of Sale

Unless otherwise agreed RMS Standard Terms & Conditions (QF 907) shall apply to all sales. These are available on request or from our web site.



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