

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 designs based on over 20 years of field service in hundreds of varied & demanding applications
- Surge protection diode
- Silver contacts (Optional gold)
- Tolerance to shock & vibration for generator, compressor & mobile applications

Technical Data

AUXILIARY SUPPLY

Order code	V _x nominal
3Y701-A	12V DC
3Y701-B	24V DC
3Y701-C	48V DC
3Y701-D	110V DC
3Y701-E	125V DC
3Y701-M	250V DC

SUPPLY TOLERANCE

-25% to +15% of nominal

POWER CONSUMPTION

2.2W nominal

OPERATE TIME

PU 20ms

DO 18ms

OUTPUT CONTACTS

4 N/O with 1KV isolation across contacts
Consult factory for other contact options.

OPERATING TEMPERATURE RANGE

-15 to 65 degrees C.

INSULATION WITHSTAND

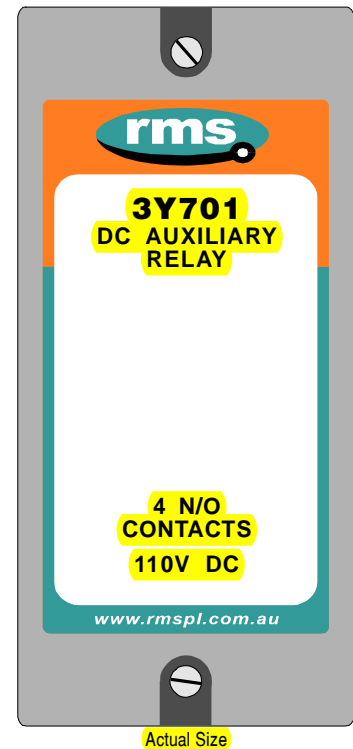
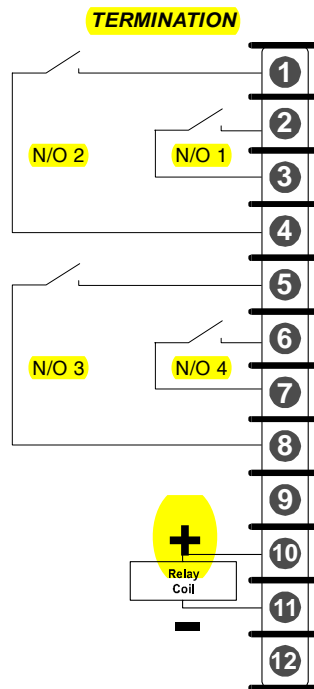
In accordance with IEC 255-5: 2KV RMS between input & frame, output & frame, & output & input. 1.2/50 5KV impulse between each terminal & earth, between circuits not normally connected together & between terminals of the same circuit.

NOISE IMMUNITY

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

RELAY CASE

ZA12 surface mount or DIN rail mount enclosure. Refer page 2.



Description

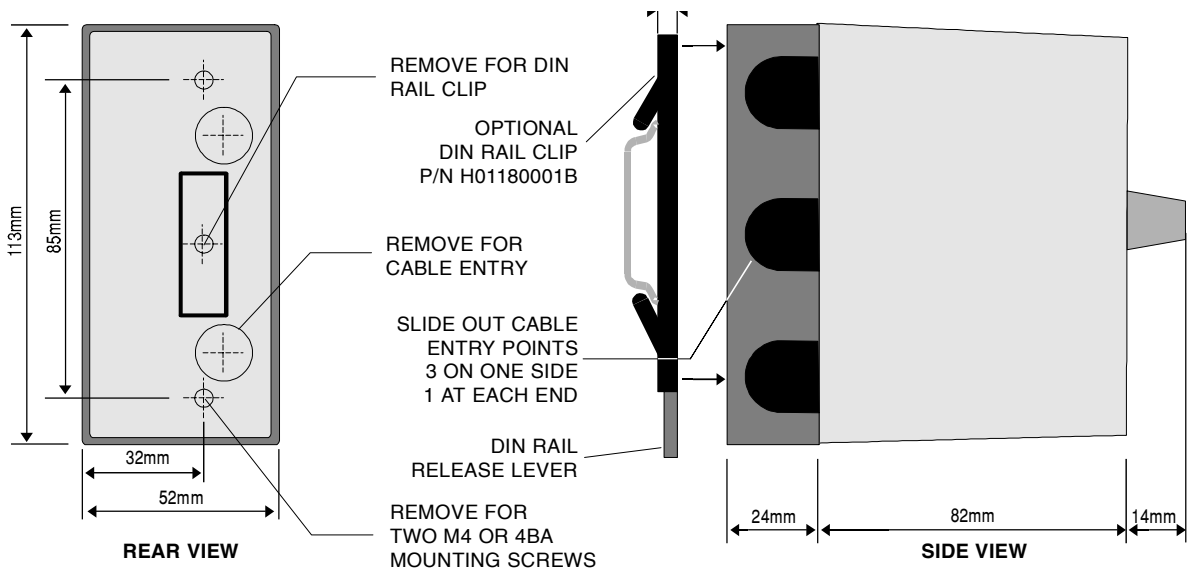
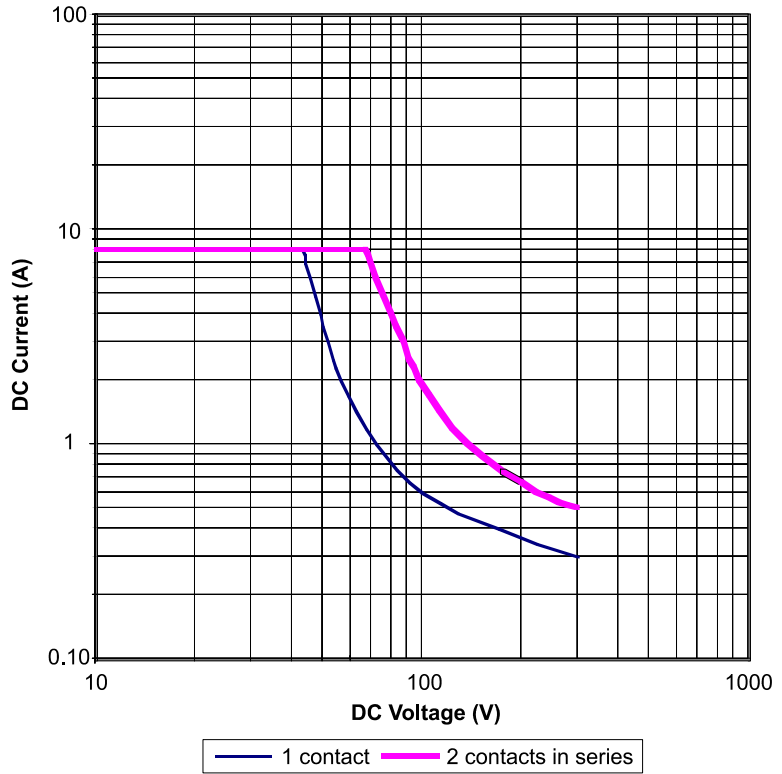
Made in Australia

The 3Y701Series are heavy duty attracted armature general purpose auxiliary relays suitable for applications where high levels of electrical isolation, DC switching capacity & reliability is required. 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.

RELAY CONTACT RATINGS

1A	@ 24V DC	L/R = 0ms	Electrical life	5.5 million operations
0.5A	@ 110V DC	L/R = 40ms	Electrical life	1 million operations
1A	@ 220V 50Hz	P/F = 1	Electrical life	3.5 million operations

MAXIMUM DC LOAD BREAKING CAPACITY (Resistive load)



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.



Relay Monitoring Systems Pty Ltd

6 Anzed Court, Mulgrave, Victoria 3170, AUSTRALIA

Tel: 61 3 9561 0266 Fax: 61 3 9561 0277 Email: rms@rmspl.com.au Web: www.rmspl.com.au