RING DETECT RELAY UNIT RR-4904

PRODUCT DESCRIPTION AND INSTALLATION DETAILS

ACMA PERMIT

Design Two Thousand Pty Ltd ACMA Supplier Code: N468
Design Two Thousand Pty Ltd ERAC Responsible Supplier No.: E1287

DESCRIPTION

The Ring Detect Relay Unit RR-4904 is used for switching systems, sirens or strobe lights simply by ringing it (ie. when an incoming telephone call is detected). It can be used on any two wire analog ring in/loop out telephone line and can switch any device that can be activated by a relay contact. The relay-energized state occurs on application of ring voltage and the persistence is set at three seconds after absence of ring.

The unit provides one changeover relay contact (handling up to 2.5A @ 12V) in a small stand-alone enclosure. Industry standard connectors are provided for the telephone line, 12Vdc power input and the relay output (normally open or normally closed contacts). LED indicators for power and relay on are also provided.

Available in 9V, 12V, 24V and 48V versions, it is also available in a 10 port 19" rack mount version.
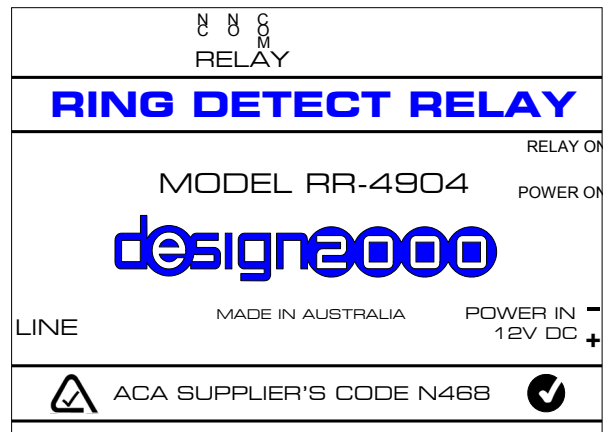
The RR-4904 is such a simple yet useful device for so many applications. It can be used to light up a strobe to indicate an incoming call in noisy environments, activate a siren, or perform other control functions (without even answering-at no cost!) just to name a few.

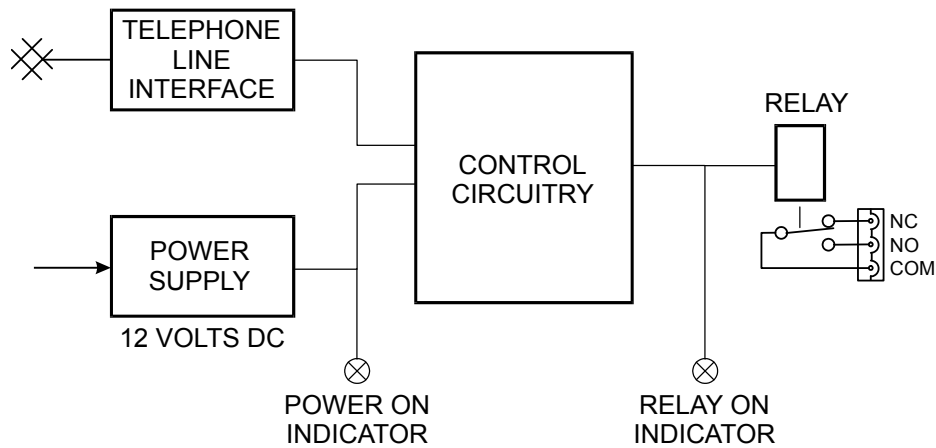The RR-4904 stand-alone enclosure is 110mm x 85mm x 50mm. An optional 2RU mounting bracket is available.

CONNECTION

Connector	Type	Description	Pin
Telephone Line	RJ12 Modular	Pair 1	Pins 3 & 4
12Vdc Power	BL2 Screw/Clamp Pluggable	Positive	Pin 1
		Negative	Pin 2
Relay	BL3 Screw/Clamp Pluggable	Normally Open	Pins 1 and 2
		Normally Closed	Pins 1 and 3

FRONT PANEL DIAGRAM

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                    N  N  C
                    C  O  O
                       M
                     RELAY

         RING DETECT RELAY
                                          RELAY ON

         MODEL RR-4904                    POWER ON

         design2000

   LINE            MADE IN AUSTRALIA      POWER IN  −
                                          12V DC    +

         ⚠  ACA SUPPLIER'S CODE N468   ✓
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BLOCK DIAGRAM

PART NUMBERS

RR-4904   Ring Detect Relay Unit (available in 9V, 12V, 24V and 48V versions)
MB-4775/9   2RU Mounting Bracket

Designed and Manufactured in Australia

design2000

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⚠ N468   ✓ CE