RELAY AND MULTI-FUNCTION BOARDS IN VENITEM



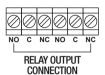


FULL RELAY

Interface circuit, 1 DPDT relay MAX 8A; Opto-isolated input; LED for active relay signaling; Low current.

| Power supply 12 V | 10 ÷ 14 Vdc | 8 ÷ 14 Vac | | | | |
|------------------------------|----------------------|----------------|--|--|--|--|
| Power supply 24 V | 21 ÷ 28 Vdc | 21 ÷ 24 Vac | | | | |
| Power supply MAX consumption | 40 mA @ 24 Vdc | 30 mA @ 12 Vdc | | | | |
| Relay trigger supply | 3 ÷ 30 Vdc | 3 ÷ 30 Vac | | | | |
| MAX trigger consumption | 10 mA @ 24 Vdc | 4 mA @ 12 Vdc | | | | |
| MAX contact consumption | 8A 250 Vac | 8A 30 Vdc | | | | |
| Working temperature | from -10°C to + 50°C | | | | | |
| Size | 60x48x26 mm | | | | | |
| Weight | 48 ar | | | | | |

24 12 BOARD SUPPLY



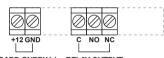
RELAY TRIGGER SUPPLY

RA - OPEN COLLECTOR BOARD WITH RELAY OUTPUT

12 Vdc relay circuit - 1 switch 3 A - signalling LED of relay active.



| Power supply | 11 ÷ 14 Vdc |
|---------------------|----------------------|
| MAX consumption | 35 mA |
| MAX contact current | 3 A |
| Working temperature | from -10°C to + 50°C |
| Dimension | 55x45x18 mm |
| Weight | 23 gr. |



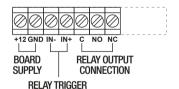
BOARD SUPPLY / RELAY OUTPUT RELAY TRIGGER CONNECTION SUPPLY



RA/T - LOW CONSUMPTION OPEN COLLECTOR BOARD WITH RELAY OUTPUT

12 Vdc circuit - 1 switch 3 A - amplified in current - signalling LED active relay - positive or negative low current.

| Power supply | 11 ÷ 14 Vdc |
|-------------------------|-----------------------------------------|
| MAX consumption | 40 mA |
| MAX control current | 1 mA |
| MAX contact current | 3 A |
| Temperature temperature | from -10° C to $+50^{\circ}$ C |
| Dimension | 55x45x18 mm |
| Weight | 25 gr. |



SUPPLY



RA/2S - LOW CONSUMPTION OPEN COLLECTOR BOARD WITH RELAY OUTPUT WITH 2 DRY CONTACTS

12 Vdc relay interface circuit - 1 relay double switch 1 A - amplified in current - signalling LED of active relay - positive or negative low current.

| 11 ÷ 14 Vdc |
|-----------------------------------------|
| 25 mA |
| 1 mA |
| 1 A |
| from -10° C to $+50^{\circ}$ C |
| 55x45x17 mm |
| 25 gr. |
| |

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|--------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|---|-----------|-------------|
| +12 | GND | IN- | IN+ | C | NO | NC | С | NO | NC |
| BOARD DOUBLE INSULATED SUPPLY OUTPUT RELAY | | | | | | | | | |
| RELAY TRIGGER | | | | | | | | | |

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RN 12/24 - OPEN COLLECTOR BOARD WITH 2 INDIPENDENT OUTPUT

12/24 Vdc interface circuit with 2 indipendent 1 switch 1 A relys with 12 Vdc o 24 Vdc input - 2 signalling LED

| Power supply | 11 ÷ 14 Vdc / 22 ÷ 28 Vdc |
|---------------------|---------------------------|
| MAX consumption | 25 mA |
| MAX contact current | 1 A |
| Working temperature | from -10°C to + 50°C |
| Dimension | 55x45x17 mm |
| Weight | 28 gr. |

24 Vdc OPERATION:

for 24 Vdc power supply cut **J3** for relay 1 nd/or **J4** for relay 2

| | 0 | 0 | \bigcirc | \bigcirc | 0 | 0 | \bigcirc | \bigcirc | 0 | 0 | | | |
|------|--------|--------|------------|------------|---------|--------|------------|------------|---------|--------|-------|------|---|
| | \sim | \sim | \sim | \sim | \circ | \sim | \sim | \sim | \circ | \sim | | | |
| | +R1 | N1 | +R2 | N2 | C1 | NO1 | NC1 | C2 | NO2 | NC2 | | | |
| | | | | | | | | | | | | | |
| ELAY | TRIC | GEF | ? | R | ELA' | Y OU | itpu | Т | L | REL | AY OL | JTPU | Л |
| SUF | PLY | 1 | | C | ONN | IECT | 10N | 1 | | CON | INECT | ΠΟΝ | 2 |

RELAY TRIGGER SUPPLY 2

INTERFACE RELAY CONTROL UNITS

NOTE: FOR COMPREHENSIVE MANUALS, GO TO WWW.VENITEM.COM



CTT/R - TENSION ABSENCE SIGNALLING

Microprocessor interface circuit for signalling of mains absence - tension return and battery anomaly - signalling LED of active relay - opto-insulated input - incorporated self-diagnostic - 1 switch 1 A 3 relays.

Dimension 85x50x20 mm



MTT - TIMING BOARD

Multifunction board allowing the timing and/or delaying of an input positive or negative signal. Dimension 55x45x18 mm



MCX - ROLLING SHUTTERS AND VIBRATIONS BOARD

Multifunction board for roller shutter inertial and vibration magnetic contact - a 1mA input - a 1A relay board - a 0.C. output. Dimensione 55x45x18 mm



MCV - ROLLING SHUTTERS AND MAGNETICS BOARD

Multifunction board for roller shutter inertial and magnetic contacts with an input able to discriminate 4 contacts with relative LED memory - a 1A relay output - a opto-isolated output. Dimension 55x45x18 mm

DIN BOX

Trasparent plastic box that gives a great plus to the board. It grants a safe installation of circuit even where many cables are present. Our protective DIN BOX can be mounted in electrical cabinets thanks to its DIN track element and it can even be installed in a set by its interlocking lateral joints. Dimension 59x48x26 mm





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