

Relay switch for 24V supply

DESCRIPTION

- Relay switch has a connection to SHIFT RELAY, at 3V.
- Great isolation 50 dB @ 500 MHz.
- Low insertion loss 0.2 dB @ 500 MHz.
- PRO-1REL-24V-... is a broadband SPDT Coaxial switch designed to switch RF signal from a common input to either of two outputs. The characteristic impedance is 50 ohms.
- PRO-1REL-24V-... is available with TNC-, N- or BNC-female connectors.

ORDERING

| Type             | Product No. |
|------------------|-------------|
| PRO-1REL-24V-TNC | 210002194   |
| PRO-1REL-24V-N   | 210002353   |

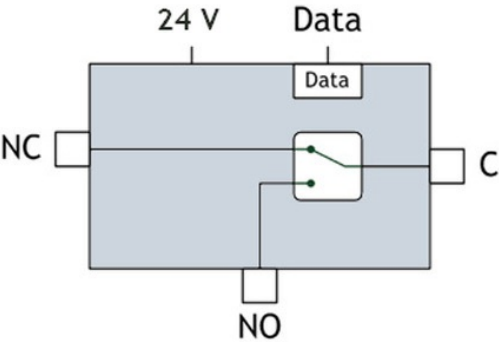
SPECIFICATIONS

| Electrical           |                                                     |
|----------------------|-----------------------------------------------------|
| Model                | PRO-1REL-24V-...                                    |
| Frequency            | 0 - 500 MHz                                         |
| Max. Input Power     | 50 W                                                |
| Insertion Loss       | < 0.2 dB                                            |
| Isolation            | > 50 dB                                             |
| VSWR                 | < 1.25:1 (100 - 400 MHz)<br>< 1.5:1 (400 - 500 MHz) |
| Shift Voltage (Data) | 3V → supply voltage                                 |
| Supply Voltage DC    | 24V                                                 |
| Current Consumption  | < 10 mA                                             |
| Shift Time           | < 5 ms                                              |

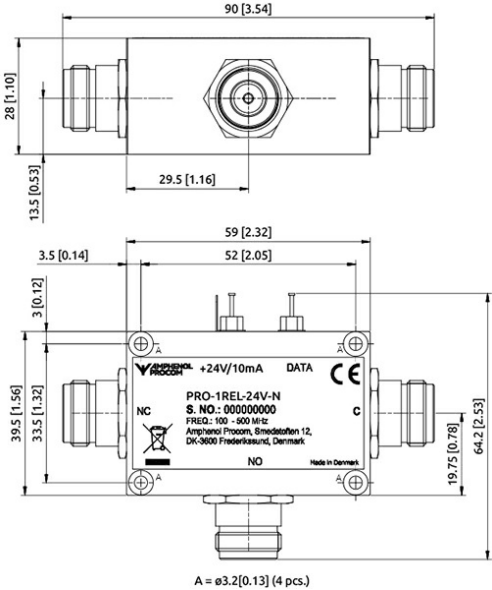
| Mechanical    |                                                            |
|---------------|------------------------------------------------------------|
| Connection(s) | N-, BNC-, or TNC-female                                    |
| Dimensions    | 89 x 40 x 29 mm / 3.5 x 1.57 x 1.14 in. (incl. connectors) |
| Weight        | 0.15 kg / 0.33 lb.                                         |
| Mounting      | ø3.2 mm / ø0.13 in. (4 holes)                              |



Functional Diagram



Mounting Details



All dimensions are given in mm [in.]

