Technical Data Sheet



DPDT Ramses DIN 2.5GHz Failsafe Indicators 28Vdc Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577923002

RF CHARACTERISTICS

Frequency range : 0 - 2.5 GHz Impedance : 75 Ohms

| Frequency (GHz) | DC - 1 | 1 - 2.5 |
|--------------------|---------|---------|
| VSWR max | 1.20 | 1.30 |
| Insertion loss max | 0.20 dB | 0.30 dB |
| Isolation min | 80 dB | 70 dB |
| Average power (*) | 400 W | 240 W |

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 140 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

Terminals : solder pins (250°C max. / 30 sec.)

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : 1.6/5.6 female per IEC 169-13

Life : 2.5 million cycles

Switching Time*** : < 15 ms

Construction : Splashproof

Weight : < 100 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -25° C to $+70^{\circ}$ C Storage temperature range : -40° C to $+85^{\circ}$ C

(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage; 25° C)



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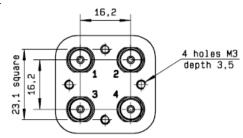
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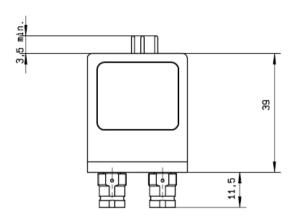


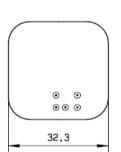
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PAGE 2/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577923002

DRAWING

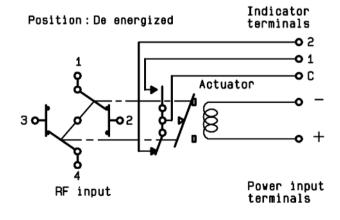






General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



LABEL

1º ½ c

RADIALL®

R577923002

0 - 2.5 GHz

Un : 28V

Lot : _ _ _ _

| Voltage | RF Continuity | Ind. |
|--------------|---|------|
| energized | $1 \leftrightarrow 3 / 2 \leftrightarrow 4$ | C.1 |
| De-energized | $1 \leftrightarrow 2 \ / \ 3 \leftrightarrow 4$ | C.2 |

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