# **Technical Data Sheet**



SP6T Ramses DIN 2.5GHz Normally open Indicators 28Vdc Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE: SPnT PART NUMBER: R573913600

#### **RF CHARACTERISTICS**

Number of ways : 6

Frequency range : 0 - 2.5 GHz Impedance : 75 Ohms

Frequency (GHz)	DC - 1	1 - 2.5
VSWR max	1.30	1.40
Insertion loss max	0.20 dB	0.30 dB
Isolation min	80 dB	70 dB
Average power (*)	400 W	240 W

#### **ELECTRICAL CHARACTERISTICS**

Actuator : NORMALLY OPEN

Nominal current \*\* : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
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 million cycles per position

Switching Time\*\*\* : < 15 msConstruction : Splashproof
Weight : < 180 g

#### **ENVIRONMENTAL CHARACTERISTICS**

Operating temperature range : -25°C to +70°C Storage temperature range : -40°C to +85°C

(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\* Nominal voltage; 25° C)

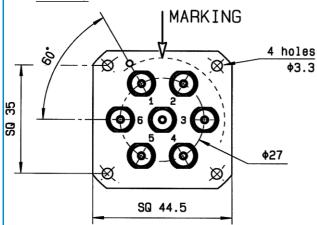


## **Technical Data Sheet**

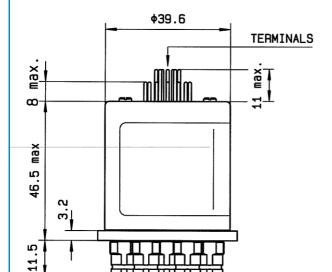


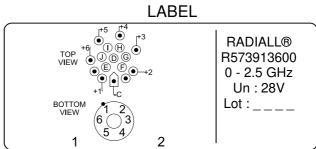
SP6T Ramses DIN 2.5GHz Normally open Indicators 28Vdc Pins Terminals





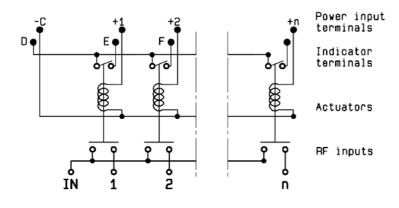
Voltage	RF Continuity	Ind.
-C +1	$IN \leftrightarrow 1$	D.E
-C +2	$IN \leftrightarrow 2$	D.F
-C +3	$IN \leftrightarrow 3$	D.G
-C +4	$IN \leftrightarrow 4$	D.H
-C +5	IN ↔ 5	D.I
-C +6	IN ↔ 6	D.J





General tolerances : ±0,5 mm [0,02 in]

### SCHEMATIC DIAGRAM



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.