# **Technical Data Sheet**



SP6T Ramses DIN 2.5GHz Latching Self-cut-off Auto-reset Indicators 28Vdc Diodes Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R573993600

### 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 : LATCHING
Nominal current \*\* : 375 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

### MECHANICAL CHARACTERISTICS

Connectors : 1.6/5.6 female per IEC 169-13
Life : 2 million cycles per position

Switching Time\*\*\* : < 40 msConstruction : Splashproof
Weight : < 220 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)





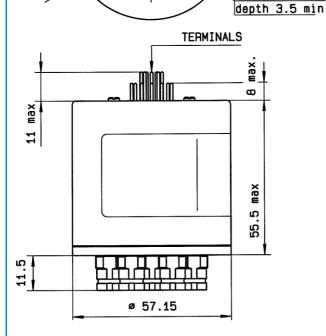


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PAGE 2/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R573993600

# MARKING MAR

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	$IN \leftrightarrow 6$	D.J

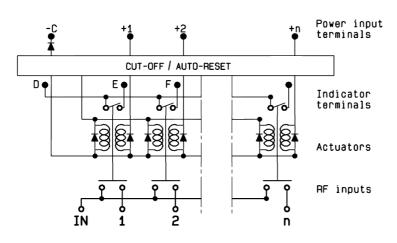


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General tolerances :  $\pm 0.5$  mm [0.02 in]

# SCHEMATIC DIAGRAM



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