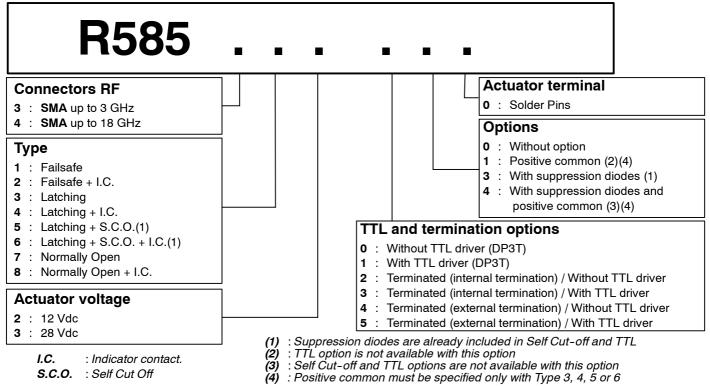
COAXIAL SWITCHES

TERMINATED COAXIAL SPDT and DP3T up to 18 GHz – RAMSES Concept



GENERAL SPECIFICATIONS - RF PERFORMANCES

Connectors		SMA							
Frequency range	GHz	DC - 3 / DC - 18							
		DC - 3	3 - 8	8 - 12.4	12.4 - 18				
V.S.W.R. (max)		1.20	1.30	1.40	1.50				
Insertion Loss (max)	dB	.20	.30	.40	.50				
Isolation (min)	dB	80	70	60	60				
Impedance	Ω	50							
Switching sequence		Break Before Make							

GENERAL SPECIFICATIONS - ADDITIONAL SPECIFICATIONS

Operating mode		Failsafe, Latching or Normally open							
		Failsafe		Latching		Normally open			
Actuator voltage (nominal)	Vdc	12	28	12	28	12	28		
Coil resistance (±10%)	Ω	24	138	29	175	47.5	275		
Operating current at 23°C	mА	500	205	420	160	250	102		
Average power		See Power Rating Chart page 9							
TTL INPUT	High level Low level	2.2 to 5.5 V 0 to 0.8 V							
Peak power	kW	1.5 (1 μs, 1 ‰)							
Indicator rating		1 W - 30 V - 100 mA							
Switching time (max)	ms	10							
Life		2 10 ⁶ cycles for products with internal terminations 10 10 ⁶ cycles for all other products							
Connectors		SMA							
Actuator terminals		Solder pins							
Operating temperature range	°C	-40, +85							
Storage temperature range	°C	-55, +85							

COAXIAL DP3T up to 18 GHz – RAMSES Concept



TYPICAL OUTLINE DRAWING

