

RF Relay Matrix R&S®PSU

DC to 6 GHz

RF Relay Matrix for IEC/IEEE bus programming



Main features

- ◆ Six independent 50 Ω coaxial relays:
 - three with N connector up to 6 GHz,
 - three with BNC connector up to 500 MHz
- ◆ RF and pulse applications
- ◆ Easy to operate, LED indication
- ◆ Remotely controllable via IEC/IEEE bus

Specifications in brief

	Relays 1 to 3	Relays 4 to 6
Connectors	50 Ω N female on front panel	50 Ω BNC female on rear panel
Frequency range	DC to 6 GHz	DC to 500 MHz
VSWR	<1.22 to 1 GHz	<1.1 to 100 MHz
Insertion loss	0.3 dB to 1 GHz	0.2 dB to 100 MHz
Crosstalk attenuation	>80 dB to 1 GHz	>40 dB to 100 MHz
Max. power-handling capacity	100 W at 0.1 GHz 50 W at 1 GHz	1 A at 28 V
Switching time	<25 ms	<7.5 ms
General data		
Lifetime	>1000000 switching operations	
Power supply	115/125/220/235 V \pm 10%, 47 Hz to 420 Hz; max. 25 VA	
Dimensions (W \times H \times D)	211 mm \times 112 mm \times 346 mm	
Weight	4.8 kg	

Ordering information

RF Relay Matrix	R&S®PSU	0290.8014.02
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