



High-Frequency Switch VCH-604

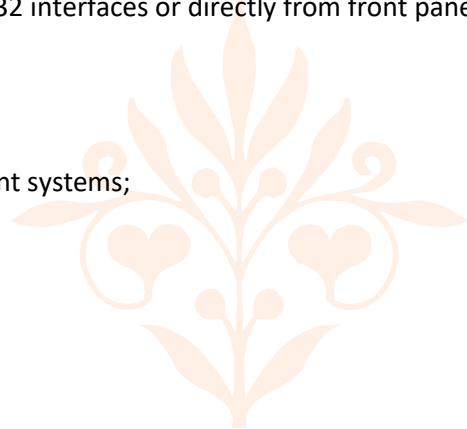


High-Frequency Switch VCH-604 is designed for switching high-frequency (1 – 100 MHz) and 1 PPS TTL signals. VCH-604 contains two groups of channels; each group has 25 inputs and 2 outputs. One of the inputs is directly connected with one of the outputs of the group. Numbers of active inputs and outputs are indicated on the front panel. Input/output line resistance is no more than 1.5 Ohm.

VCH-604 can be controlled from PC via GPIB and RS-232 interfaces or directly from front panel.

Key Applications

- ◆ time and frequency high precision measurement systems;
- ◆ time and frequency etalon systems.



VCH-604 Specifications

Inputs :

Waveform	Qty	Amplitude	Pulse width	Rise Time	Type	Load
1PPS (TTL)	25x2	2.5-5 V TTL	15±5µs	< 3ns	SMA	50 Ω
1- 100 MHz (Sine)		0.1 to 10V _{RMS}	-	-	SMA	50 Ω

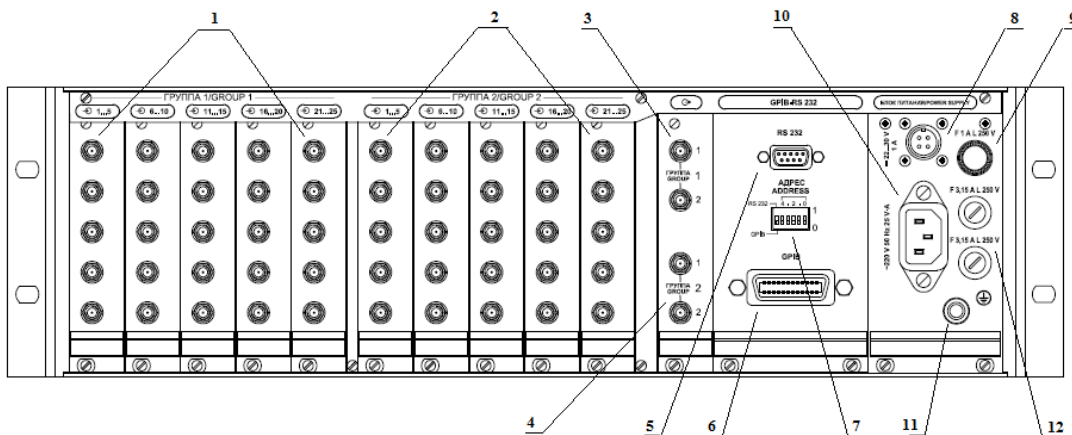
Outputs :

Waveform	Qty	Amplitude	Pulse width	Rise Time	Type	Load
1PPS (TTL)	2x2	2.5-5 V TTL	15±5µs	< 3ns	SMA	50 Ω
1- 100 MHz (Sine)		0.1 to 10V _{RMS}	-	-	SMA	50 Ω

Channels isolation	Frequency (MHz)	
	5	100
Input/Output	< -120 dB	< -110 dB
Between channels	< -120 dB	< -110 dB
Others:		
Input/ Output Resistance	< 1.5Ω	
Interfaces	GPIB & RS-232C	
Control	PC via GPIB and RS-232 interface or directly from front panel.	

General

Operating Temp.:	+10°C to +35°C (Warm-up: 15 mins)
Humidity:	< 80% @25°C
AC Power supply:	100–240V, 50/60 Hz
DC Power supply:	22 ~ 27 V
Consumptions:	20W / 25VA
Dimension 3U(WxHxD):	483×133×263 mm.
Weight:	< 8Kg



Motionets Technology Pte. Ltd.

Level 42 Suntec Tower Three, 8 Temasek Boulevard, Singapore 038988

T: +65 6866 3735 F: +65 6866 3838

E: sales@motionets.com

U: www.motionets.com