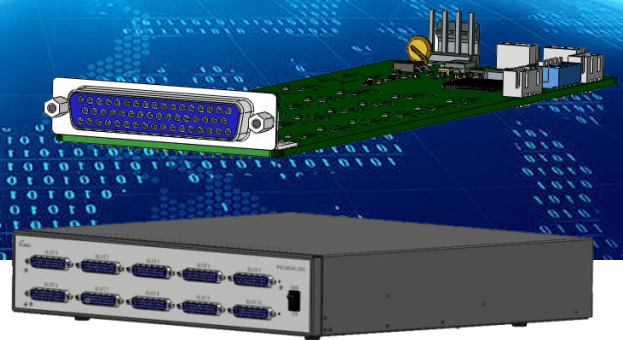


PSS MUX24021

Electric switch card ▶▶▶

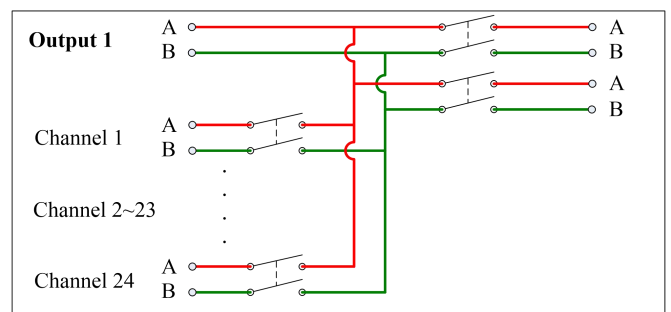
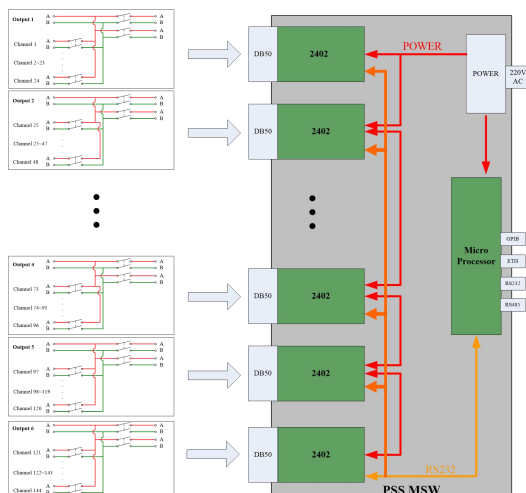


Product Introduction

MUX24021 provides two independent 1X24 dual-pole multiplexer memory banks which is ideal for general switching purposes. MUX24021 electric switch card reserves a backplane interface, which is convenient for the host to upgrade the measurement function later. It can perfectly support extended measurements such as voltage/current/temperature. The electric switch card needs to be used with the electric switch host, which is suitable for MSW-1 type (10 card slots) and MSW-2 type (4 card slots) hosts. The number of electric switch cards can be configured according to the needs, which can be conveniently and quickly set up a multiplex switching system.

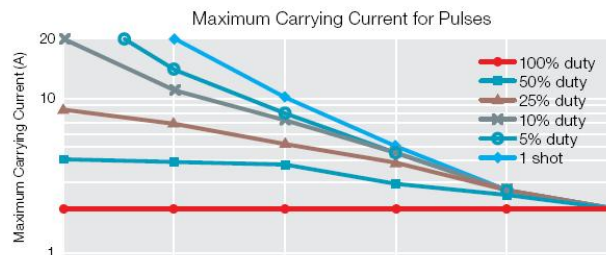
Product Application

- Multi-channel test system, such as TO multi-channel test, TOSA TE/TC test, etc.
- Multi-channel data acquisition front-end



Product Features

- The host adopts a dynamic and configurable structure, supporting up to 10 slots of electrical switch cards
- Various remote interfaces, can choose to support RS232/LAN/GPIB communication interface
- Support switching and upgrading, and can upgrade subsequent types of electrical switching cards
- Graphical PC-side software support, easy to use
- Using high-current, long-life basic switching elements, with excellent CW/PLUSE passability
- In Pulse mode, the maximum current will vary according to different pulse widths and duty cycles



Technical Parameters

Parameters	Description/Value
Switch scale	Dual-channel 1X24 (two-channel simultaneous switching)
Maximum voltage	220V DC 250V AC
Maximum current	2A (DC CW current)
Switching time	100ms
Contact resistance	<1ohm (typical value: 75mohm)
Switching life	10 ⁸ Operations
Switching contact voltage	10uV
Impedance between channels	10 ⁹ ohm
Bandwidth	5MHZ (without connecting wire)
Crosstalk between channels	<-50dBC (under condition of 200KHz)
Conditions of Use	0~45°C (Relative humidity <60%)