

# Magneto-optical Switch (OPTICO 7204 Series)

Widely used in aerospace and military equipment.



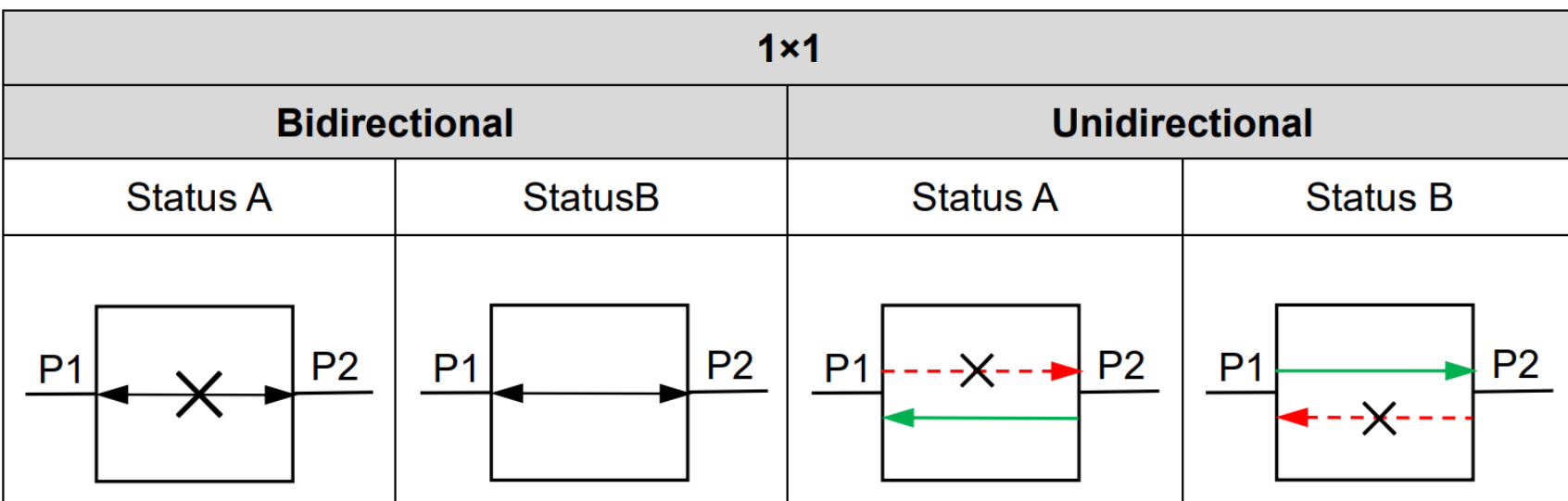
## • Description:

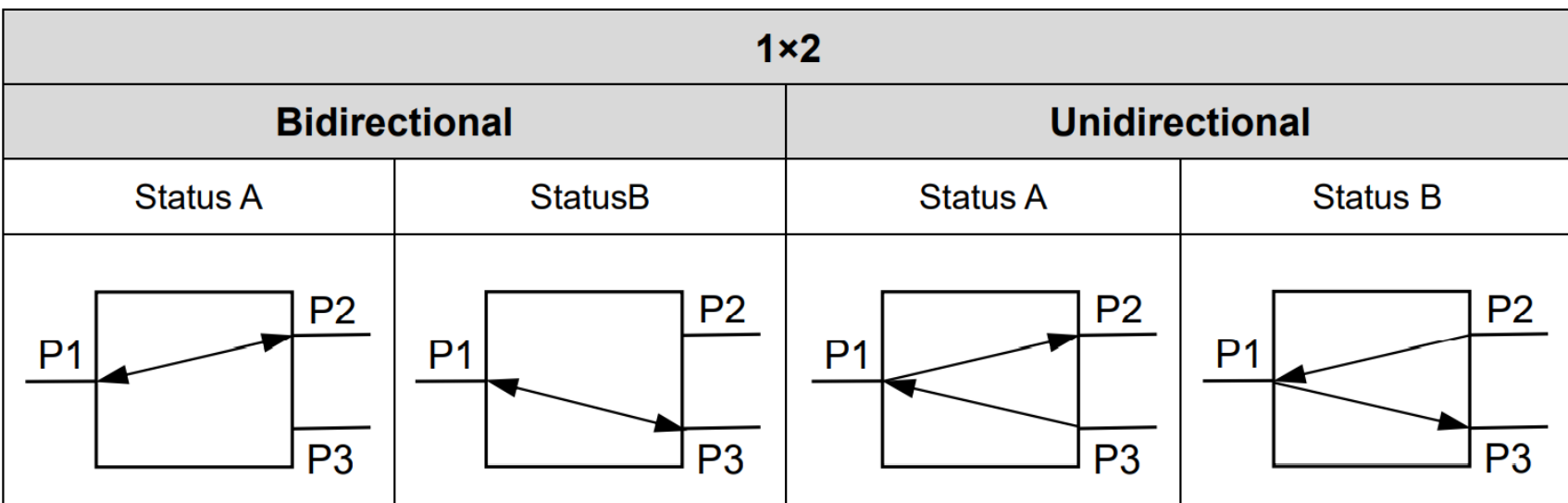
The magneto-optical switch is connected to the optical path by connecting or blocking optical signals. The product is controlled by electrical signals and has no mechanical moving parts. The product has a ring and isolation. The function of the instrument is widely used in aerospace and military equipment.

## • Features:

- Solid state, high speed
- High life expectancy
- High stability and reliability
- Ultra low loss
- Perfect for aerospace equipment, optical sensing systems, and system monitoring.

## • Optical path diagram :





• Specifications:

Items	Specifications
Work Wavelength(nm)	1520~1580
Testing wavelength(nm)	1550
Insertion loss(dB)	≤0.8
Return loss(dB)	≥50
Crosstalk(dB)	≥20
PDL(dB)	≤0.20
Repeatability(dB)	≤±0.01
Switch over time(us)	≤100
Width of pulse(us)	≥200
Life(cycles)	≥10 Billions
Switch Type	Latching
Working current(mA)	≤200
Max Optical Power(mW)	≤500
Work Temperature (°C)	-5~+70
Storage Temperature(°C)	-40~+85
Dimensions(mm)	(L)19x(W)7.5x(H)7.5