



## RELAY MODULE (SSR)

### Description

1 Channel OMRON G3MB-202P Solid State Relay (SSR) Module

### Features

- **Model Number:** Z0575
- **Led indicator for each relay**
- **Usage:** General Purpose
- **PCB Type:** FR-4 Fiber glass PCB ( Double Layer ).

### Technical Specifications

#### Input control signal voltage:

- 0V – 0.5V Low stage (SSR is OFF),
- 0.5V – 2.5V (unknown state).
- 2.5V – 20V High state (SSR is ON).
- SSR Output (each channel):

**Load voltage range:** 75 to 264V AC (50/60Hz).

**Load current:** 0.1A to 2A

**Power supply:** 5VDC / 160mA all 8x channel ON. (20mA each)

**PCB thickness:** 1.6mm.

**Size:** 34 mm x 25 mm x 25 mm (L x W x H)

### **SSR Specifications:**

- **Manufacturer:** OMRON
- **Part number:** G3MB-202P, 5V version.
- **Isolation:** Phototriac.
- **Zero cross:** Yes.
- **Rated output load:** 2A at 100 to 240V AC.(50/60Hz).

### **Pinouts**

#### **Input section**

1. DC +: positive power supply (relay voltage power supply)
2. DC -: connect power negative
3. CH1: 1 signal to trigger the end of the relay module (low level trigger valid)

#### **Output Section**

1. A1: Relay Normally Open point A
2. B1: Relay Common

### **Package Includes**

- 1x 1-Channel OMRON G3MB-202P Solid State Relay (SSR) Module (Tested and QC-OK)