2 / 4 / 8 CHANNELS RELAY MODULE WORKING ON Micro-USB PORT
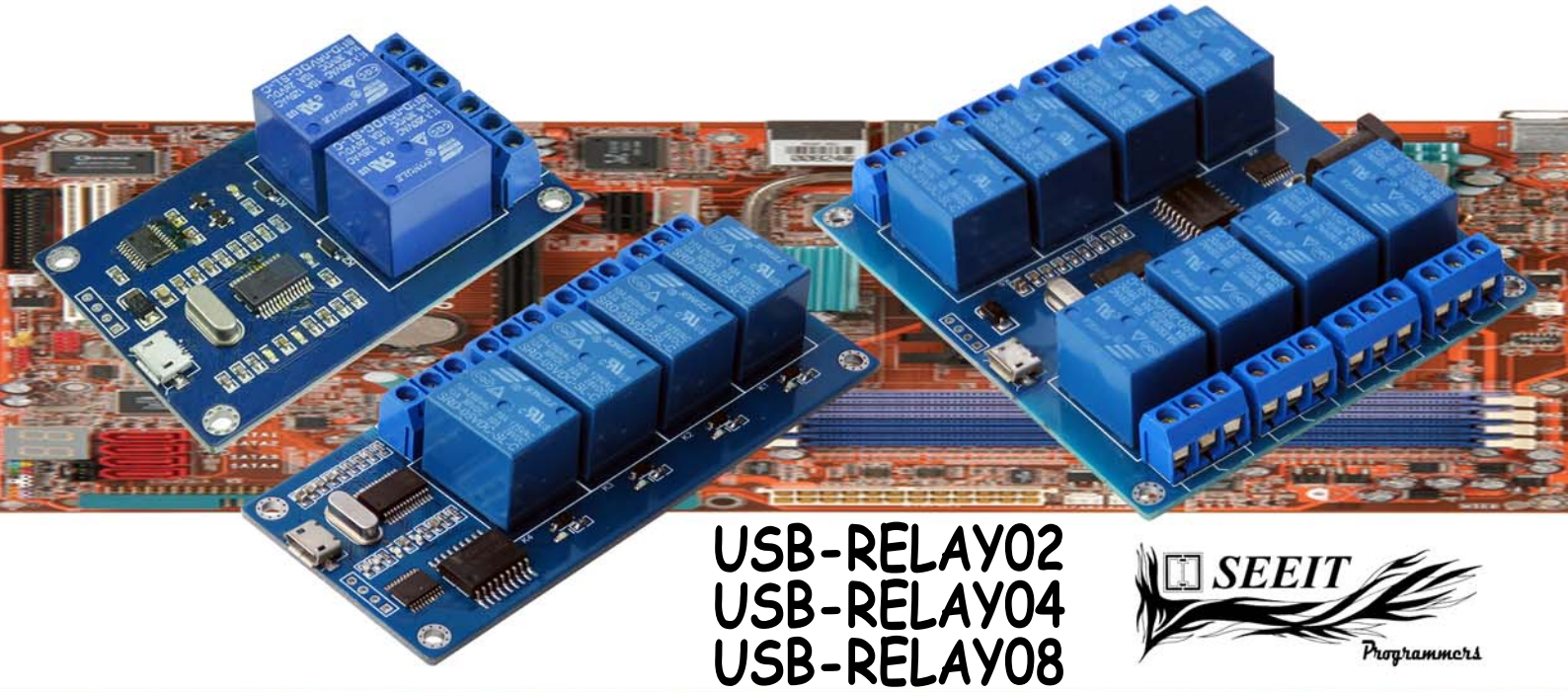
USB-RELAY02
USB-RELAY04
USB-RELAY08

SEEIT *Programmers*

Introduction:
This 2/4/8 channels interface board can control various appliances, and others equipments thanks to its relays modules.
The interface is controlled directly by a computer through the USB port thanks to standard USB-A to USB-Micro cable.
The USB driver (witch work under Windows XP/VISTA/7/8/10 and Linux) as well as the manager software can be downloaded freely. Your own applications can be developed on basis of source code and functions written in C language. Those functions allow to manage the virtual serial port installed with the driver.
This board is equipped with high current relays modules. They load 10A/250Vac max or 10A/30Vdc max.

Hardware & Electrical specifications:
Interface: Micro-USB port or serial port on HE10 connector.
Power supply : 5Vdc/1A
Power connector: jack (8 channels).
Power current : 250mA (2 ch), 400mA (4 ch) or 800mA (8 ch).
Port speed: 9600 bds.
K1~K8 pins: contacts relays, (3 pins).
Relays output : 10A/125Vac or 10A/28Vdc.
Relays output max : 10A/250Vac or 10A/30Vdc.
Size product : 45x60x20mm (2 channels) / 45x100x20mm (4 channels) / 80x92x20mm (8 channels).
Require an USB-A to Micro-USB standard cable.
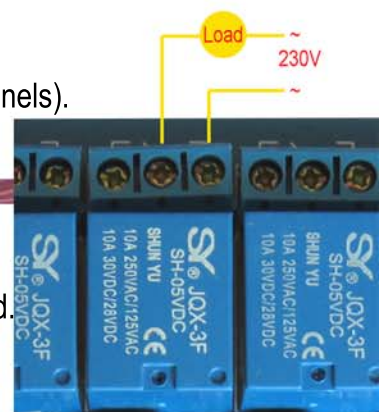
How to use the relay board on a computer ?
After installing the driver you can use the manager software supplied with download.
You can equally develop your own application thanks to the source code and functions supplied.
The driver install a virtual COM port on your computer. In this case, you can use standard COM port functions by following the next instructions:
- Select the COM port used and adjust the baud rate to 9600 bds.
- Send 0x50 code on this port. Answer expected: 0XAD (2 ch), 0xAB (4 ch) or 0xAC (8 ch).
- Send 0x51 code on this port. The card is now ready to receive the bytes to manage the relays.
- Send several codes on 8 bits according to relays to be activated or to be deactivated.
More information in the user manual.

Item includes:
PCB board with 2, 4 or 8 relays.
download item includes:
- Drivers for WindowsXP/VISTA/7/8/10 or Linux.
- Relay board manager software.
- Source code and functions to manage in C language.
- User manual in English and French.

Products informations : www.seeit.fr