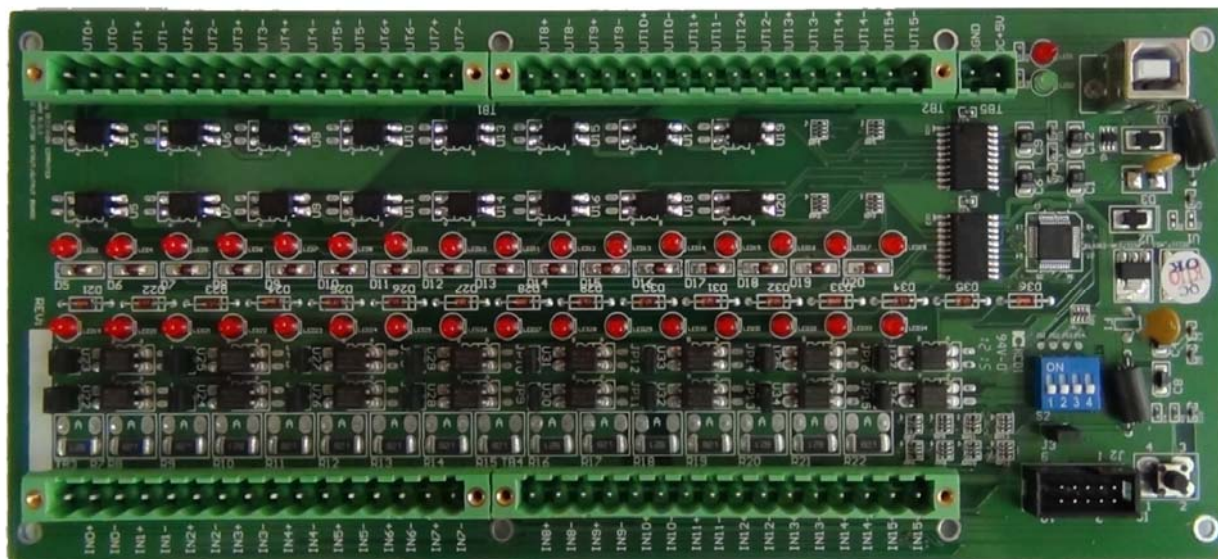


# USB 16 opto-isolator input/Solid-state relay OUTPUT Board

# DATASHEET



## USB 16 opto-isolator input/Solid-state relay output Board

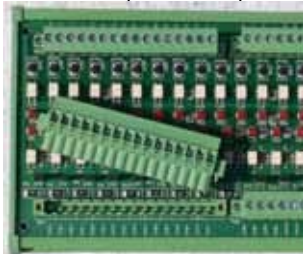
**Product Code:** AUSB16PHOTO/SSR  
**Bus:** USB 2.0  
**Description:** Support 16 opto-isolator input channels  
16 solid-state relay output channels

Input max. load is 30V  
By jumper, you can select two range of voltage  
0 - 4.5V off and 6V - 20V on. (0 - 20V)  
0 - 16.5V off and 18 - 30V on (0 - 30V)  
PC817 photocoupler chips.  
5000V isolation voltage.

KAQY212HA SSR  
Output break down voltage : +60V  
Continuous load current : +400mA

32 LED correspond to I/O ports activation status.

**Connection:**



Easily exchangeable connections and easily replaceable terminal blocks.

### Features:

For direct DIN-Rail mounting  
Also as board without  
DIN Rail adapter available

High Speed 8051  $\mu$ C Core  
USB 2.0 Function Controller  
Support USB ID 0~14 SET  
POWER from External DC+12V 1.5A ( $\geq 1.5A$ )

### Software/Driver:

Support Windows XP/Vista/7/8, Windows server 2003/2008/2012; Linux kernel version 2.4 or the later and the sample for programming.

### Package includes the following items:

USB 16Photo/SSR Board  
USB cable  
Software and Manual CD

**Operating temperature range:** from 0 to 55°C..  
**Relative humidity range:** from 0 to 90%.  
**Size:** 250 mm x 120 mm x 5



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