



## USB 16 Photo-Iso/Relay Board

**Product Code:**

AUSB16P/R USB 16 PHOTO ISO / RELAY BOARD

**Bus:** USB 2.0

**Description:** 16 photocoupler input / relay output channels

Input maximum load voltage 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.

16 SPDT-Relays - 1 x COM/NO  
Max switching current: 500mA  
Max contact rating for relay: 100V DC

32 LED correspond to I/O ports activation status.



**Connection:**

Easy exchange by interchangeable screw-terminals

**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+5V 3A

**Software/Driver:**

Windows-XP Vista will use HID-interface and sample for programming,  
Linux driver and sample for programming.

**Package includes the following items:**

USB 16PR Board  
USB cable  
Software and Manual CD



**Operating temperature range:** from 0 to 33C.  
**Relative humidity range:** from 0 to 90%.  
**Size:** 250 mm x 120 mm x 55 mm

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