

# EasyDAQ

Neat products, low cost, no frills

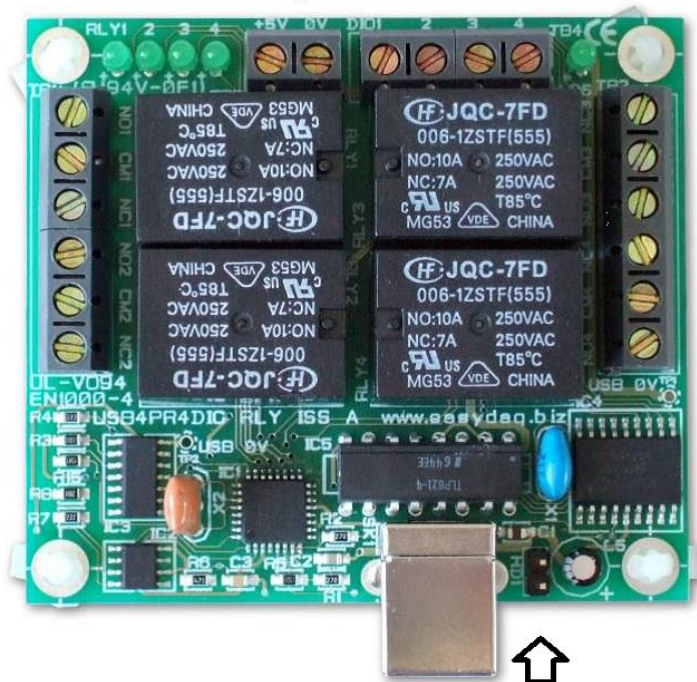
## Datasheet 52

### 12V and 5V vs 6V power relays in EasyDAQ products

To date, all our “Power relay” products such as the USB4PRMx and USB24PRMx have all used 6V operating 10A relays. This was to reduce the operating current when the boards were being powered directly from a USB port. Unfortunately it also operated the 6V outside their guaranteed range, particularly if the USB supply was a bit on the weak side.

Fortunately, most of the power relay boards can also be powered from a separate supply by removing a link (HDR1 in this case) between the USB power and the relay power.

External supply input



Link HD1

The part numbers for the 5V and 12V versions of the boards will have a -5V or -12V suffix respectively. The 12V variant will also not have the HD1 link option fitted to reduce the possibility of damage if the link was otherwise left fitted.

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