

TB-68

68Pin Shielded Connector Block DataSheet



Data Sheet Version: V1.0.1

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Introduction

TB-68 is a basic shielded connector block suitable for SCSI-II 68 pin interface. This product supports to use all I/O pins of 68 pin DAQ equipment through terminals, and has two general panel package areas that can be used for custom circuits. TB-68 board is equipped with a temperature conditioning input circuit, which can convert the temperature into the single end analog voltage signal to obtain the temperature in the connector block.

- Shielded I/O connector block
- 68 Pin SCSI II connector
- 2 general breadboard areas
- Onboard temperature conditioning input circuit

Electrical Specification

| | |
|----------------------------------------------------------------------|-----------------------------------|
| Connector | 68Pin SCSI-II Female |
| Wares support | 30-12AWG/0.05-3.31mm ² |
| Rated Current (Any single Pin) | 0.2A |
| Rated Voltage (Any Pin to Pin) | 250V |
| Temperature Conditioning Input Circuit | 1ch |
| Operating temperature range (Temperature conditioning input circuit) | -10°C ~ 60°C |

Operating Temperature

0°C ~ 50°C

Safety Voltage

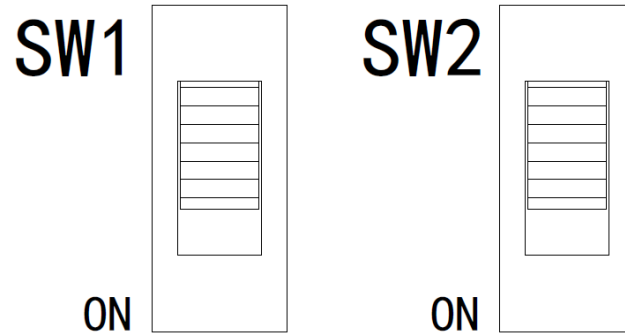
Depend on DAQ modules.

Pin Definition

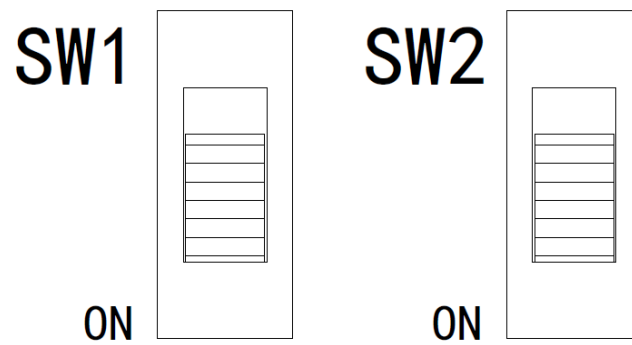
| J1 | J2 | J3 | J4 |
|----|----|----|----|
| 43 | 51 | 59 | 68 |
| 9 | 17 | 25 | 34 |
| 42 | 50 | 58 | 67 |
| 8 | 16 | 24 | 33 |
| 41 | 49 | 57 | 66 |
| 7 | 15 | 23 | 32 |
| 40 | 48 | 56 | 65 |
| 6 | 14 | 22 | 31 |
| 39 | 47 | 55 | 64 |
| 5 | 13 | 21 | 30 |
| 38 | 46 | 54 | 63 |
| 4 | 12 | 20 | 29 |
| 37 | 45 | 53 | 62 |
| 3 | 11 | 19 | 28 |
| 36 | 44 | 52 | 61 |
| 2 | 10 | 18 | 27 |
| 35 | | | 60 |
| 1 | | | 26 |

Switch Indication

As shown in the picture below, the switch is at the default status, and the temperature conditioning input circuit is not working at this time.



As shown in the picture below, the switch is at the working status of the temperature conditioning input circuit.



Statement

The hardware and software products described in this manual are provided by JYTEK China, or JYTEK in short.

This manual provides the product review, quick start, some driver interface explanation for PCIe/PXle-6301 family of temperature sensor data acquisition cards. The manual is copyrighted by JYTEK.

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While we try to keep this manual up to date, there are factors beyond our control that may affect the accuracy of the manual. Please check the latest manual and product information from our website.

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