

# CT02 - 6U CompactPCI Transition Module for D2/D4



- ◆ 6U/80mm format
- ◆ For use of standard connectors

The CT02 is a 6U CompactPCI transition module for use in combination with MEN's D2 or D4 CompactPCI workstations. It is plugged onto (J3/J4/J5) of the CompactPCI backplane system slot from the rear side and leads the rear-panel I/O signals to standard

connectors. Consequently, standard cables can be used to connect drives and other peripherals.

## Technical Data

### Peripheral Connections

- 2 PC-MIP interfaces
- Up to 2 IDE interfaces
- 2 floppy disk drive interfaces
- Parallel port
- Up to 2 serial ports
- USB interface
- GPIO interface
- Power supply/utility interface

### Electrical Specifications

- MTBF: 493,000h @ 50°C

### Mechanical Specifications

- Dimensions: 6U width, 80mm depth, 4TE height
- Conforming to CompactPCI Specification 2.0 R2.1 for rear panel I/O boards
- Conforming to IEEE1101.11, draft 5.0
- Weight:
  - CT02 for D2: 142g
  - CT02 for D4: 124g

### Environmental Specifications

- Temperature range (operation):
  - 0..+60°C or -40..+85°C
  - Airflow: min. 10m<sup>3</sup>/h
- Temperature range (storage): -40..+85°C
- Relative humidity (operation): max. 95% non-condensing
- Relative humidity (storage): max. 95% non-condensing
- Altitude: -300m to + 3,000m
- Shock: 15g/0.33ms, 6g/6ms
- Vibration: 1g/5..2,000Hz

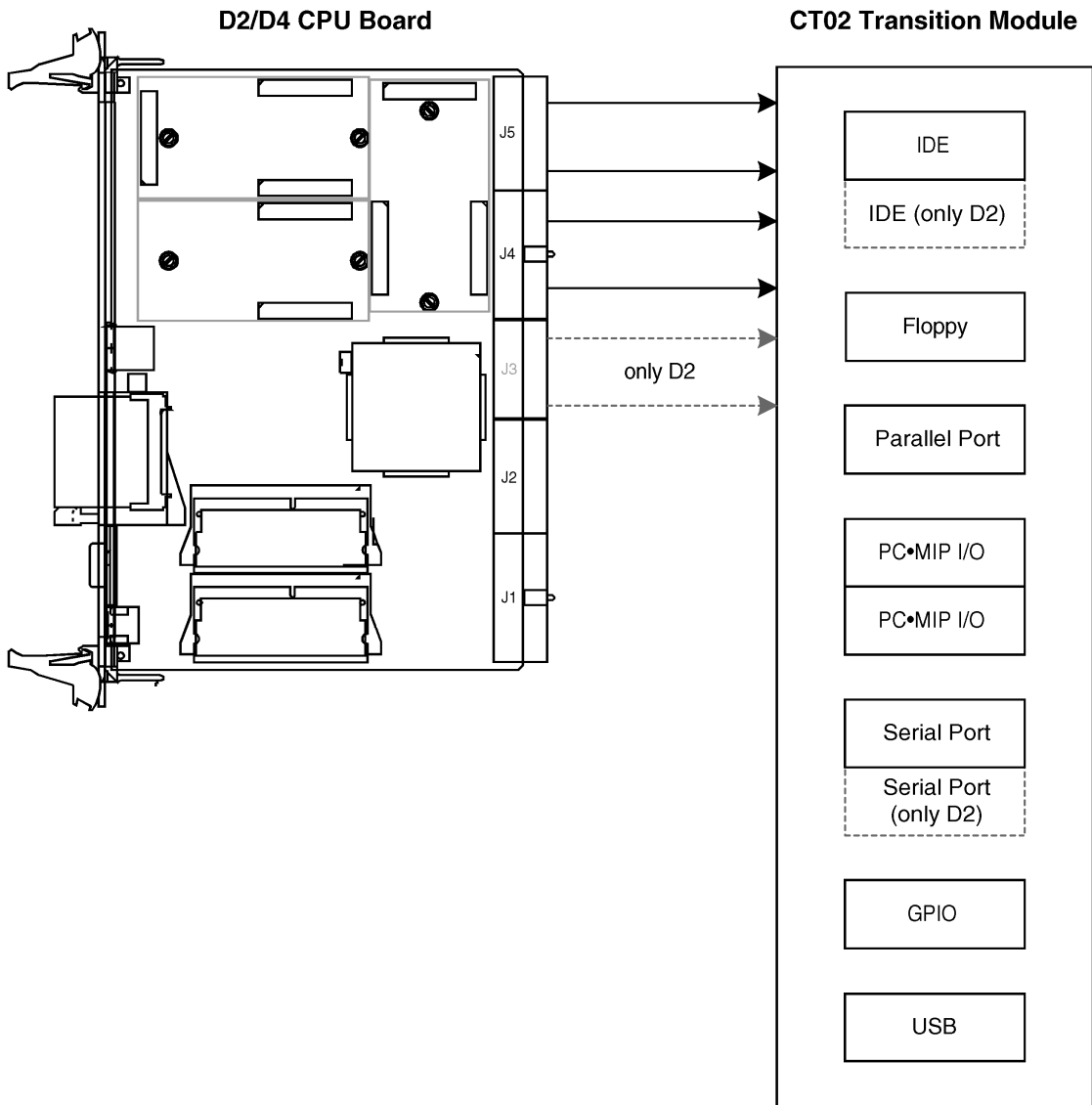
### Safety

- PCB manufactured with a flammability rating of 94V-0 by UL recognized manufacturers

### EMC

- Tested according to EN 55022 / 1999-05 (radio disturbance) and EN 55024 / 1999-05 (immunity) with regard to CE conformity

**Diagram**



## Related Products

### Standard Hardware

08CT02-00	CompactPCI transition module 6U/80mm, I/O connection for D2 CompactPCI CPU board
08CT02-01	CompactPCI transition module 6U/80mm, I/O connection for D2 CompactPCI CPU board, operation temperature -40°C..+85°C
08CT02-02	CompactPCI transition module 6U/80mm, I/O connection for D4 CompactPCI CPU board, 0..+60°C

### Accessories

08SA01-00	Serial interface adapter, RS232, not optically isolated, 0..+60°C
08SA02-00	Serial interface adapter, RS422/485, half duplex, optically isolated, 0..+60°C
08SA02-01	Serial interface adapter, RS422/485, full duplex, optically isolated, 0..+60°C
08SA02-07	Serial interface adapter, RS422/485, full duplex, optically isolated, temperature range: -40..+85°C
08SA03-00	Serial interface adapter, RS232, optically isolated, 0..+60°C
08SA03-01	Serial interface adapter, RS232, optically isolated, -40..+85°C
08SA04-00	Serial interface adapter, TTY, optically isolated, 0..+60°C

For more functions realized with SA adapters, see the listing on MEN's website. You can also view our SA adapter compare chart for a quick overview of different functions. Please contact sales to make sure that these SA adapters can be used in the board configuration you are looking for.

### Documentation

20CT02-00	CT02 user manual
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*For the most up-to-date ordering information and direct links to other data sheets and downloads, see the CT02 online data sheet under [www.men.de](http://www.men.de). --> [Click here!](#)*

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