ICS TRIPLEX T8151B

Trusted Communications Interface - official manual extract

Model relationship

- Rockwell Publication PD-T8151C Issue 26 identifies T8151 and T8151B as earlier part numbers for the same Trusted Communications Interface module.
- T8151B up to Revision B: dual 10Base2/10BaseT Ethernet and four isolated serial ports on a daughterboard.
- T8151B Revision C and above: dual 10/100BaseT Ethernet and four isolated serial ports on the main board.

Interfaces and protocols

- Two rear RS-232/422/485 ports, two rear RS-422/485 ports, two Ethernet ports and one front RS-232 diagnostic port.
- Serial rates from 1,200 to 115,200 baud; Modbus RTU, Open Modbus TCP and Trusted Peer-to-Peer protocols.
- Associated access hardware includes T8153, T8173, TC-304-01 and TC-305-0X items as applicable.

Official technical data

- Backplane supply: 20 to 32 VDC. Power dissipation: 14 W. Location: T8100 or T8300 I/O module slot.
- Operating temperature: 0 to 60 deg C. Storage: -25 to 70 deg C. Relative humidity: 10 to 95 percent, noncondensing.
- Dimensions: 266 x 31 x 303 mm. Weight: 1.13 kg. SOE buffer: 4,000 events.

Apter Power

Source: Rockwell Automation Publication PD-T8151C, Issue 26
https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm253_-en-p.pdf