

NETWORK JUNCTION BOX JUNIOR
98-9008-00

The Accu-Time PN 98-9008-00 Network Junction Box Jr. is a communication adapter and network branch point. The Junction Box Jr. accommodates bi-directional RS485 communication signals from Accu-Time RS485 multi-dropped Data Collection Terminals (DCT), and RS485 communication signals from trunk wiring sources.

The Network Junction Box Jr. has two (2), eight (8) pin modular jacks which can accommodate direct DCT inputs, and an eight (8) pin terminal block connector which serve as a drop termination and network expander. The RS485 communication signal termination points are parallel on both the modular jack and terminal block connector. The Accu-Time Network Junction Box Jr. is equipped with a terminal screw for "Earth Ground" terminations.

The 12-volt "DC POWER" input accommodates the Accu-Time (PN 17-2004-00 or 17-2004-01) power pack assemblies. Depending upon the configuration of the Network Junction Box Jr., power may be supplied to the DCTs via the modular jacks and/or the terminal block connector.

The Accu-Time Network Junction Box Jr. is equipped with selectable jumper connectors labeled JP1 and JP2. In the "NC" option, power supplied to the "DC POWER" input is applied to the modular jack of the appropriate "DROP" connector. In the "NO" option, power from the "DC POWER" input is disabled from the appropriate "DROP" connector. (NOTE: Refer to Network Junction Box Jr. label for jumper assignments).

Power applied to the "DC POWER" input is carried to pin 7 of the three terminal block connectors. To disable power from the terminal block, omit network trunk wire on pin 7 during installation. Accu-Time recommends that pin 6 of the terminal block connectors always be utilized as a common power ground reference point. (NOTE: Refer to the Accu-Time Technical Support Department for recommended installation guidelines.)

GENERAL SPECIFICATIONS

Physical-

Dimensions: 1.18"H x 2.65"W x 5.46"L
(3.00cm H x 6.73cm W x 13.87cm D)

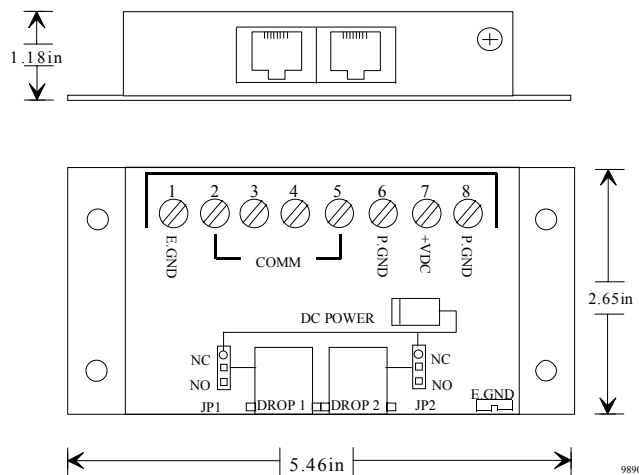
Weight: 0.50 lbs. (0.23kg)

Environmental-

Operating Temp: 32° to 110° F (0° to 45°C)
Relative Humidity: 20-90% Non-condensing

Operating Parameters-

Power: Passive device



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