

NETWORK JUNCTION BOX 98-9006-00

The Accu-Time PN 98-9006-00 Network Junction Box is a communication adapter and network branch point. The Network Junction Box 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 has four (4), eight (8) pin modular jacks which can accommodate direct DCT inputs, and three (3), eight (8) pin terminal block connectors which serve as Drop terminations and network expanders. The RS485 communication signal termination points are all parallel on both the modular jack and terminal block connectors. The Accu-Time Network Junction Box is equipped with a terminal screw for "Earth Ground" terminations.

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

The Accu-Time Network Junction Box is equipped with selectable jumper connectors labeled JP1-JP4. 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 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 5.65" W X 5.46" D
(3.00cm H x 14.35cm W x 13.87cm D)
Weight: 1.0 Lbs.

Environmental-

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

Operating Parameters-

Power: Passive device

