

NETWORK BOOSTER BOX 98-9007-00

The Accu-Time PN 98-9007-00 Network Booster Box is a communication line booster and network branch point. The Network Booster 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 Booster Box has four (4), eight (8) pin modular jacks which can accommodate direct DCT inputs, and two (2), eight (8) pin terminal block connectors which serve as "NETWORK IN" and "NETWORK OUT" termination points. The RS485 communication signals fed into the "NETWORK IN" termination point is, through internal communication transceivers, boosted and outputted through the "NETWORK OUT" port. The Accu-Time Network Booster Box, through this activity, allows the user to drive an additional 5000 feet of communication signals. The Accu-Time Network Booster Box is equipped with a terminal screw for "Earth Ground" terminations.

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

The Accu-Time Network Booster 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 two 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 Service 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)

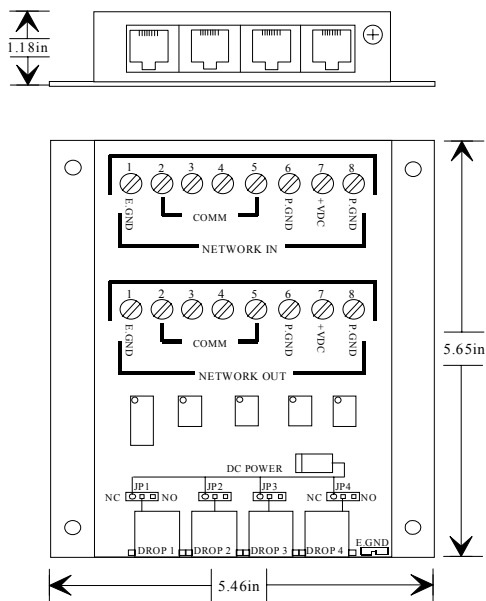
Weight: 1.0 Lbs. (0.45kg)

Environmental-

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

Operating Parameters-

Power: Draws power from 12VDC Power Pack
Power Consumption: 120 Ma



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