

# Free-Up Phone Lines When The Modem Isn't Being Used

## Model 232ABRT

### Description

The 232ABRT is an inline device that is placed between your PC and modem. The 232ABRT hangs up the modem after it has been idle for a selected amount of time.

### Features

- All lines **except** line 20 (DTR) pass straight through.
- Communications can be monitored from the computer to the modem, or from the modem to the computer.
- The amount of time the monitored line must be idle before DTR is dropped can be jumper set to 4 sec, 2 min 8 sec, 4 min 16 sec, or 34 min 8 sec. Pads have been left on the additional lines of the 4060 chip to allow the user to select other available times should it be necessary.
- DTR is held high on the modem side until the monitored line has been idle for the selected amount of time. Then DTR is held low for 11 seconds and is then raised again.
- An LED turns on when DTR is held low.
- Connection to the computer side is made through a DB25 female connector with female connective hardware.
- Connection to the modem side is made through a DB25 male connector with female connective hardware.
- The unit is powered by 11 to 16 VDC at 20 mA maximum.

### Setup

- To hang up after the communication from the computer to the modem has been idle set JP2 to TD/2.
- To hang up after the communication from the modem to the computer has been idle set JP2 to RD/3.
- Set JP4 to 4 sec, 2 min 8 sec, 4 min 16 sec, or 34 min 8 sec as the minimum time that the monitored line must be idle before DTR lowers.

### Specifications

#### Power Supply

Input Voltage: 11 to 16 VDC  
 Input Current: 20 mA maximum  
 Connection: 2.5mm power jack

#### Communications

Standard: RS-232  
 Baud Rate: Capable of monitoring up to 115.2K baud  
 Connections: DB-25 female on the computer side  
 DB-25 male on the modem side

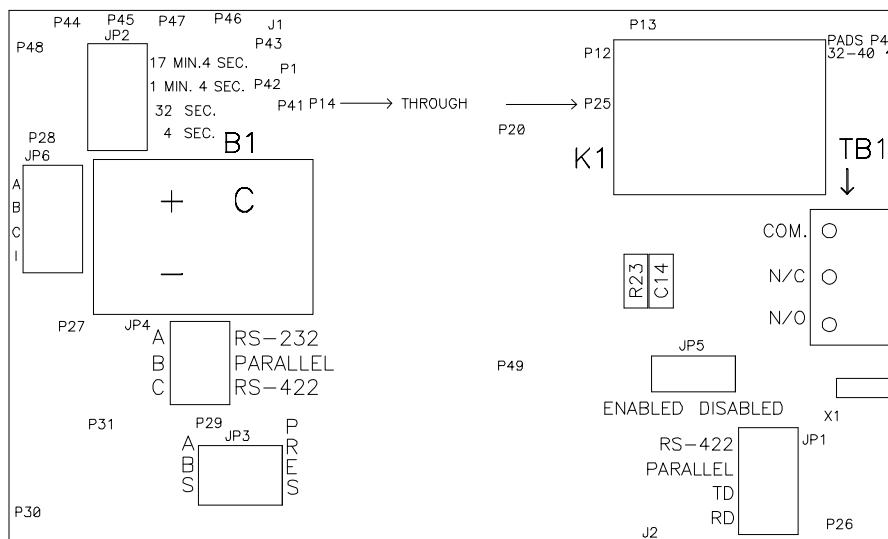
Lines Passed Through: 1-19 and 21-25  
 Line Controlled by 232ABRT: 20 (DTR)

#### Environment

Operating Temperature: 0 to 70°C  
 Operating Humidity: 5 to 95% non-condensing  
 Storage Temperature: -20 to 100°C

#### Size

1.32"H x 2.40"W x 4.60"L



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