

TB-0032

32-port Fail Over Switch

TB-0032, a 2-to-1 Fail Over Electromechanical Switch, is capable of switching a maximum of 32 lines (for a 2-wire line such as analogue phone line) or 8 lines (for a 4-wire cable such as T1/E1 cable or the Ethernet cable) simultaneously. Robust switching relay, built-in watchdog timer, and external control through an RS-232 connection make TB-0032 the best companion to a redundant PBX system.

TB-0032 provides two sets of input ports (Input #1/ Line and #2/Extension), and two sets of output ports (Output #1/PBX Trunk and Output #2/Phone Set). While the host PC continually sends "keep alive" signals to the TB-0032 through the RS-232 port, or the power supply is normal, the TB-0032 will connect the first input port (Input #1/Line), to the first output port (Output #1/PBX Trunk); second input port (Input #2/PBX Extension), to the second output port (Output #2/Phone Set). If for any reason, such as the host PC is down, or a power outage, or the "keep alive" signal did not reach the TB-0032 for a certain period of time, the TB-0032 will switch the first input port (Input #1) to the second output port (Output #2), the "Failover" light will be flashing and the beep will be heard simultaneously.

TECHNICAL SPECIFICATIONS

Connector

- 32 RJ-45 phone jacks/ports divided into 4 modules; each module has 8 RJ-45 phone jack/ports.
- Each RJ-45 jack supports 4-port (for 2-wire line) or 1-port (for 4-wire line) connections
- RJ-45 wiring scheme: EIA/TIA 568B

Switch Relay

- Conforms to FCC part 68 regulations
- Surge strength at 1500V

Serial control port

- RS-232
- Baud rate: 9600 bps
- Connector: DB9 male connector

Power Supply

- 3-pin AC input socket
- AC 100-240V
- 50-60Hz

Accessory

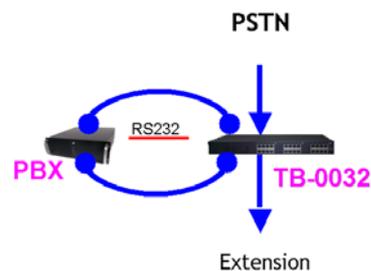
- Power cord
- RS-232 9-pin to 9-pin cable

FEATURES

- Maximum numbers of lines supported
 - 32 lines: for a 2-wire line such as analogue phone line.
 - 8 lines: for a 4-wire line, such as T1/E1 cable or Ethernet cable.
- Robust mechanical relay switch
- Watch dog timer triggered from serial input port
- Timer expired indicator and speaker alerting
- Push button to turn off alerting speaker
- Power indicator
- Auto switch when over time.
- The numbers for input and output ports are the same.
- Switches to Fail Over status when TB-0032 power is down or timer expired.

APPLICATIONS

Trunk Bypass Fail Over Switch



Redundant Hosts Fail Over Switch

