Easiest Way to Minimize Downtime

Minimize downtime to keep your critical systems running and your customers happy. With the T-APS Series, you can quickly restore critical lines and equipment by easily switching over to redundant services.

The T-APS Series is designed to continuously monitor circuits and switches. T-APS switches make redundancy switches easy. It is ideal for all T-1 and E-1 networks where downtime is not an option. With the T-APS in control, you can have peace of mind knowing that your critical applications will stay up and running.

Each T-APS-R card provides a complete independent T-1 / E-1 protection switch, and all cards are managed from one network or serial interface with simple web pages and telnet menus.

Top Features:

Backup Switching on Autopilot

T-APS continuously monitors T-1 or E-1 circuits and switches to the operational path, and provides automatic failover switching between redundant lines

Designed for both line protection and equipment redundancy

Simple Programming to Onsite Applications

A self-contained, standalone unit capable of being powered by A/C or 48VDC sources, and line connections are standard RJ45 T1 and E1 (120 Ohm) connections

T-APS features complete manageability via terminal or SNMP manager, plus status relay alarms

Multiple Circuit Switching Options

Each T-APS-R card provides a complete independent T-1 / E-1 protection switch, and all cards are managed from one network or serial interface with simple web pages and telnet menus

The chassis supports either 48VDC or 120/240 VAC with external power supplies
Additional Features

Self-Contained, Standalone & Rack Mount

Line and Equipment Protection

T1 and E1 Interface

1+1 and 1:1 APS Protection Modes

Selectable Switching Activation Thresholds

Configurable via Front Panel or RS-232 Port

LED Indicators

SNMP Manageable

Ideal for Customer Premise, Remote Site and Data Center Applications

Establish redundant links, or failover to standby routers and Channel Banks

Select Interface type and all parameters

1+1 Mode transmits on both primary and standby link simultaneously. 1:1 Mode transmits on active link only

Define failover parameters. Monitors both active and standby circuits and switches to best available

Craft port allows on-site access and Out-of-Band management

Multiple LED Indicators that identify current T-APS Status

Integrate into your newtwork management scheme

Specifications

Subject to Change Without Notice

Physical:

Height: 2.75 in | Width: 8.0 in | Depth: 9.5 in | Weight: 2.5 lbs

Power:

90-250V AC 47-63Hz and -48V±5V DC. Simultaneous use with DC priority

T1 Interface

<table>
<thead>
<tr>
<th>Line Code</th>
<th>AMI B8ZS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame Format</td>
<td>SF SF Unframed</td>
</tr>
<tr>
<td>Bit Rate</td>
<td>1.544M b/s</td>
</tr>
<tr>
<td>Impedance</td>
<td>100 Ohms Resistive Balanced</td>
</tr>
<tr>
<td>Input Level</td>
<td>0-36 dB</td>
</tr>
<tr>
<td>Output Level</td>
<td>6V p-p</td>
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<tr>
<td>Line Build Out</td>
<td>0-655 feet</td>
</tr>
</tbody>
</table>

E1 Interface

<table>
<thead>
<tr>
<th>Bit Rate</th>
<th>2.048 M b/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Code</td>
<td>AMI HDB3</td>
</tr>
<tr>
<td>Frame Format</td>
<td>CCS CAS CCS+CRC CAS+CRC Unframed</td>
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<tr>
<td>Impedance</td>
<td>120 Ohms Resistive Balanced</td>
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<tr>
<td>Input Level</td>
<td>0-43 dB</td>
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<tr>
<td>Output Level</td>
<td>6V p-p</td>
</tr>
<tr>
<td>Line Build Out</td>
<td>0-655 feet</td>
</tr>
</tbody>
</table>

For More Information

www.dataprobe.com/t-aps-series/