Objectives and Features

- Selective FSK modem with up to 2400 bps using modern signal processing technology for transmission in the voice band 300 Hz to 3400 Hz
- Duplex- or half-duplex operation in point-to-point or point-to-multipoint configuration
- 2-wire or 4-wire transmission with staggering and party line
- Duplex operation using separate frequencies on 2-wire connections
- High distances: several 10 km (0.8 mm Ø)
- Compatible with i.a. ITU-T R.35, R.37, R.38A, V.23:

<table>
<thead>
<tr>
<th>Bitrate [bps]</th>
<th>50</th>
<th>100</th>
<th>200</th>
<th>600</th>
<th>1200</th>
<th>2400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channels</td>
<td>24</td>
<td>12</td>
<td>6</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

- Narrow band raster also available:

<table>
<thead>
<tr>
<th>Bitrate [bps]</th>
<th>50</th>
<th>100</th>
<th>200</th>
<th>600</th>
<th>1200</th>
<th>2400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channels</td>
<td>32</td>
<td>16</td>
<td>8</td>
<td>3</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

- Monitoring of reception quality (isochronous distortions) and alarm signaling with SQL-LED (Signal Quality Level)
- Selectable transmission equalizer to compensate for frequency dependent line attenuation
- Alarm relay controlled either by DCD or SQL signal
- RS232 interface for data communication (DCE) with control signals RTS, CTS and DCD
- Simple and space-saving DIN rail mounting
- Integrated overvoltage protection
- Low power consumption, extended temperature range, no moving parts
- Applications: telecontrol systems, telemetering, data transmission for smart grids, remote access to devices etc.

Additional Features

- Compact device for DIN-rail mounting
- Dimensions (WxHxD) 45 x 99 x 114.5mm
- Wide range power supply 24 … 60V
- All functions may be parameterized in software
- LEDs for data and control signals at the front panel
- Easy to install
- Operating temperature -25 … 70°C
- Rel. Humidity 5 … 95% (non-condensing)

Further Information:

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