

The backup channel switching device E1/TDM Network

### Features

- **Type of pack panel** - one-piece
- **Port Type** - RJ45
- **Number of ports** - up to 48
- **Size** - 1U / 44,45 mm
- **Color** - black

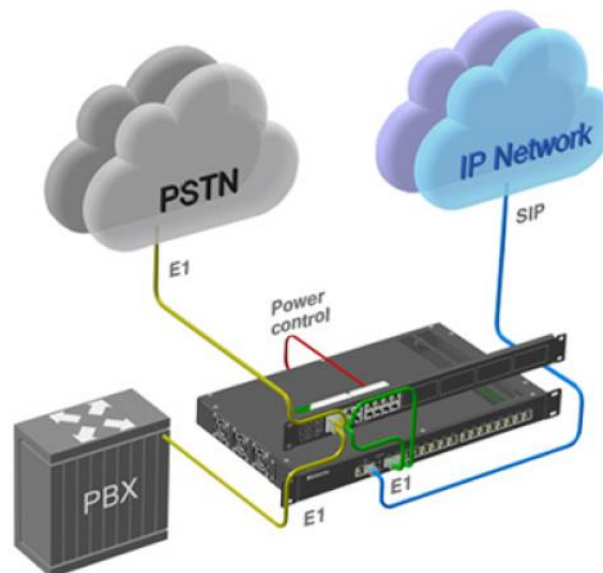


Figure 1. Network Application of E1 Communication Backup Unit (E1 Bypass)

### Overview

The backup channel switching unit E1 (E1 Bypass) in the suite by the SIP/E1 VoIP gateway is designed to reserve communication channels when power is applied to the object.

E1 Bypass is a 19-inch patch panel with 16 RJ-45 ports of size 1U.

In the event of a power failure, the E1 Bypass Unit will automatically switch E1 channels from the office PBX, which are pre-connected to the IP network on the E1 backup channels of the PSTN public telecommunication network.

When power is restored, the VoIP gateway overloads the software and, after it is fully loaded, will send an E1 Bypass signal to switch the E1 channels to / back to the IP network.