



E1 - RS-485 converter

AN-E1-RS485 is E1 G.703 to RS485 converter that realizes data conversion between ITU-T G.703 standard E1 G.703 and 1 x RS485 interface. Date interface mode is DCE, could connect to DTE or DCE device, RS485 can transmit asynchronous 0~115200Kbps self-adapting speed.

DESCRIPTION

AN-E1-RS485 is E1 G.703 to RS485 converter that realizes data conversion between ITU-T G.703 standard E1 G.703 and 1 x RS485 interface. Date interface mode is DCE, could connect to DTE or DCE device, RS485 can transmit asynchronous 0~115200Kbps self-adapting speed.

FEATURES

- AN-E1-RS-485 can realize long-distance monitoring of this end equipment to the far-end equipment (two-row indicator, upper row indicate local status, lower row indicate far-end status);
- RS485 rate support 0~115200Kbps self-adapt
- RS485 support hot-plug, connection to DTE or DCE device;
- Offers 2 kinds of loop-return function, namely E1 self-looping at local end (ANA) and RS485 self-looping at local end (REM)
- AC220V and DC-48V for option, and DC-48V is not divided into positive and negative pole with simple installation and maintenance;
- Supports function of pseudo-random code testing(PATT), which brings great convenience for installation, debugging and maintenance of equipment;
- E1 interface supports 75Ω unbalanced and 120Ω balanced impedance at the same time;
- Realizes SNMP network management function in our chassis installation ([check central platform here](#))

SPECS

RS485 interface:

Interface character: match RS485

Interface Rate: 0 - 115.2Kbps

Connector: RJ-45

Interface type: DCE or DTE

E1 interface parameter:

Channel capacity: 1 Channels

Bit Rate: 2.048 Mb/s \pm 50 ppm

Line Code: HDB3

Line Impedance: 120 Ohm / 75 Ohm

Connector: RJ-45 or BNC

Pulse Shape: ITU-T G.703.

Jitter Performance: ITU-T G.823

clock: inter-clock, line-clock

Power:

DC: -48V (-36 to -72V); +24 V (Optional)

AC: 90 to 260 VAC ; 47 ~ 63Hz

Power Interface: DC power terminal/AC socket

Power Consumption: 8 W maximum

Working environment:

Operating temperature: 0 to 50 °C

Storage temperature: -20; to +70 °C

Relative humidity: 5% to 90% (25 °C no condense)

Application scenario (uygulama seneryosu)



Not: POS terminalinin E1 G.703 64 K devre üzerinden merkezdeki seri sunucuya erişimini sağlar.

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Haberleşme sistemlerinde yüksek performansı yakalayın

