

Model name: E1-MUX08
E1 / 1*V.35+8*voice +1* RS232



§ Function

E1-MUX provides conversion between ITU-T G.703 standard E1 framed interface and V.35, can through E1 channel provide 1-8 voice, realize the long-distance extend of telephone line through E1 channel. It also provides 1 RS232 data channel. E1 signal can transmit through MUX, when networking the two local networks become two parts of one network. RS232 asynchronous transmission 300-115.200 kbps self-adapt .

§ Features

- realizes long-distance monitoring of local device to the remote device based on self-copyright IC;
- provides 1 channels V.35 date;
- V.35 port supports hot-plug, and could connect to DTE or DCE equipment;
- provides two clock types: E1 master clock, E1 line clock;
- provides 3 kinds of loop-return function, namely E1 self-looping at local end, V.35 self-looping at local end, ordered to self-loop at remote end;
- realize the automatically rate set of local device to remote device
- has the function of pseudo-random code testing, convenient for opening of the circuit, and can be used as an error code instrument;
- E1 supports 75Ω unbalanced and 120Ω balanced impedance at the same time;
- Provides 1-8 voice channels, support calling indication
- Voice port supports 2/4 wire E&M interface

E1 interface

Interface standard: Conforms to G.703 standard

Interface rate: N×64Kbps, N:1 31

Code: HDB3

Interface impedance: 75Ω (unbalanced), 120Ω (balanced)

Connector: BNC (75 Ω), RJ45 (120 Ω)

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Vibration characteristic: Satisfies G.742 and G.823 standard

Clock type: internal-clock, line clock

V.35 port

Interface characteristic satisfies ITU-T V.35 standard

Connector: DB25

Connector way: DCE

Clock way: inner clock, V.35 external clock

E wire

Max current 22mA

Saturation voltage: 3V

Dial speed >20pps

M wire

steady current 7 mA

min test current 5 mA

pluse dial recognition: >20pps

RS232 port

Rate 300 115.2Kbps auto-adaptable (Asynchronous)

Interface characteristic satisfies ITU-T V.24 standard

Connector RJ45

Working condition:

Input voltage: AC220V; AC 110V; DC 48V; DC+24V

Power consumption: ≤5W

Operating temperature: 0°C ~ 50°C

Storing temperature: 40°C ~ +70°C

Relative humidity: 95 %

Dimension: 19inch rackmount Type: 433 mm L × 138mm W × 44 mm H

Ordering information:

E1/MUX08/ AC

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E1/MUX08/DC

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