E485

RS-485/422 to E1 Converter

Features



1. Convert RS-485/422 interface to E1(2M unframed G.703) interface
2. Support line recovery clock, local clock and equipment clock
3. Support E1 port loop
4. E1 (G.703) interface support 120ohm (RJ-45) and 75ohm (BNC double coaxial)

Introduction

E485 interface converter supports the conversion between E1 interface which accord with the ITU-T G.703 standard and RS-485/422 interface, it can receive synchronous data of 2.048Mbps from E1 network, and transmit the data to ROUTER or other devices. The mode of interface is DCE, and it can be connected with DTE or DCE devices.

Specification

E1 interface

Standard: Comply with ITU-T G.703

Output tingle displace: accord ITU-TG.735 advice

Input tingle limit: accord ITU-TG.823 advice

Output tingle: accord ITU-T G.823 advice

Frame format: unframed

Interface rate: 2.048Mbps±50ppm

CRC checkout: no

Port coding: HDB3

Port transmission: 2KM

Port protection: 1500W surge protection, 15KV ESD protection

Port connector: 120 Ohm(RJ-45) and 75 ohm(BNC double coaxial)

RS-485/422 port

Standards Compliance: EIA RS-485, RS-422

Connector: DB25 female

Signal: RS-485:485+, 485-, GND

RS-422:TXD+, TXD-, RXD+, RXD-, GND

Baud Rate: 0~115.2Kbps

Work mode: DCE

Synchronous serial, lucency transmission

600W surge protection, 15KV ESD protection

Environment, Power and Dimension

Working temperature: -25 to 70°C

Storage temperature: -40 to 85°C

Humidity: Relative humidity 5% to 95%

Input power: 220VAC or -48VDC

Consumption: 2W

Power protection: From high voltage/short circuit

L×W×H: 227.4mm×146.3mm×42.7mm

Shell: Plastic

Weight: 260g

Warranty: 3 years

Approvals: FCC, CE, RoHS approvals

Packing List

1. E485 Converter ×1
2. 220V power line ×1
3. DB25 male to DB9 female cable ×1
3. User manual ×1



