

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)

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: 5 years
Approvals: FCC, CE, RoHS approvals

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

Packing List

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

