

ETTH-T1

100/1000BASE-T1 and 100/1000BASE-T conversion module



Brief introduction

ETTH - T1 is an Ethernet interface conversion module, which supports 100/1000BASE-T1 and 100/1000BASE-T interfaces to switch each other to facilitate normal communication between the in-vehicle Ethernet ECU and a PC.

Functions

- Support 100BASE-T1 and 100BASE-TX interface inter conversion
- Support 1000BASE-T1 and 1000BASE-T interface nter conversion
- Port speed and PHY M/S mode support manual and automatic configuration
- 5.5mm standard circular power supply
- Power indicator, link status and data Tx/Rx indicator

Advantages

- 100M and 1000M, auto-negotiation
- PHY Master/Slave mode, auto-negotiation
- T1 interface adopts NTHBR11A1001SR Ethernet connector
- Plug and play, easy to operate

Packing list

- ETTH-T1 module x1
- AC220 to DC12V/2A adapter x1
- 1.5m 100/1000BASE-T1 cable x2

Specifications

Item	Description
Voltage	4.5-18V DC
Current	12V power supply, 100M speed, 241mA 12V power supply, 1000M speed, 475mA
Conversion delay	Channel 1:1000BASE-T1-TX: about 3.4us 1000BASE-TX-T1: about 2us Channel 2:1000BASE-T1-TX: about 5.83us 1000BASE-TX-T1: about 4.38us
Temperature	0-45 °C
Dimensions	116 x 78 x 27mm
Weight	About 247g