

RS-232 long distance extender
RS-485 long distance extender
RS-422 long distance extender

1、 Usage

RS-232 long distance extender(optical isolated) (type: CAN232G) 、RS-485 long distance extender(optical isolated) (type: CAN485G) ,RS-422 long distance extender(optical isolated) (type: CAN422G) are used to extend RS-232 or RS-232/485/RS-422 communication distance to 5Km (9600bps) — 10Km (4800bps) (converted to CAN bus) and realize optical isolation.CAN232G,CAN485G or CAN422G support up to 110 nodes.

2 Installation

RS-232 long distance extender(optical isolated) (type: CAN232G) is DB-9/DB-25 converter socket sized. The DB-9 (female) side is directly plugged to DB-9 (male) RS-232 port .

RS-485 long distance extender(optical isolated) (type: CAN485G) ,RS-422 long distance extender(optical isolated) (type: CAN422G) are DB-25/DB-25 converter socket sized.

3 Software

CAN232G needs only RXD、TXD、GND of RS-232, and is suited for all RS-232 communication software! No modification of RS-232 software ! CAN232G supports up to 9600bps.

CAN485G is suited for all RS-485 communication software! No modification of RS-485 software ! CAN485G supports up to 9600bps.

CAN422G is suited for all RS-422 communication software! No modification of RS-422 software ! CAN422G supports up to 9600bps.

4 Product figure



5 Pin discription

DB-25 (male) side of CAN232G、 CAN485:

DB-25 pin	5	6	16(power)	22(power)
discription	CANH (+)	CANL (—)	+5V(positive)	0V(GND)

The other side(DB-25 male) of CAN485G supportsRS-485. The other side(DB-25 male) of CAN422G supportsRS-422.CAN485G or CAN422G needs two 5V power supply on two sides.