

G485HA

G422HA

High-speed ,double isolated RS-232 to RS-485 Converter

--- 0-500Kbps、double isolation!

1, Usage

Model:G485HA is high-speed double isolated RS-232 to RS-485 converter which has :1, 500 kbps highest rate; 2. RS-232||Power||RS-485 double isolated; 3, industry temperature range to -40 to +80°C!

2 the hardware installation

G485HA appearance for db-9 (female)/db-9 (male) dongle size. The female db-9 connects RS - 232 port. The male db-9 connects RS - 485 port. Central terminals connects 5V power supply.

3 software instructions

This product is without any initialization Settings! Only RXD , TXD, GND os RS-232 are needed. Unique internal zero delay automatic TXD-RXD exchange technology ensures that suitable for all software!

4 performance specification

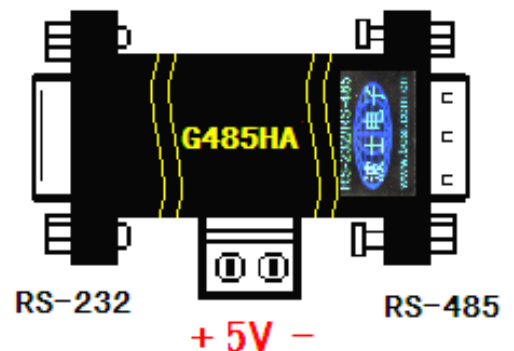
G485HA has baudrate up to 500 Kbps. G485HA work temperature range may achieve to -40 °C to + 80 °C.Isolation voltage is 2500V.

Double isolation: RS-232 port(female DB-9) is isolted to RS-485(male DB-9) ,and 5 v power supply in the middle is isolated to both RS-232 and RS-485. G485HA need an external 5 V power supply (4.5 to 5.5 V voltage, power consumption is less than 50 ma).

5 Contour and pin assignment



double isolation



DB-9 male of G485HA (With a terminal) :

DB-9male	1	2	3	(4)	(5)
description	A	B	GND	(GND)	(+5V out)

Only when more than 115.2Kbps,a terminal resistance(120 ohm) between A-B is needed.

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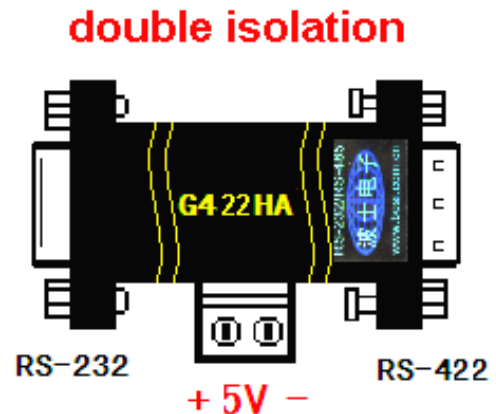
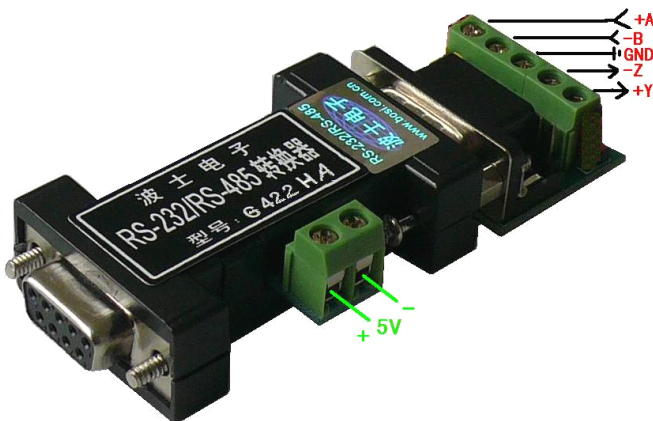
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5 Contour and pin assignment



DB-9 male of G422HA (With a terminal) :

DB-9 Male	1	2	3	4	5
description	+Y (T+)	-Z (T-)	GND	-B (R-)	+A (R+)

Only when more than 115.2Kbps,a terminal resistance(120 ohm) between A-B is needed.