



## I-7510/I-7510A

隔離 RS-422/485 中繼器 / 轉換器

### 特色

- 內建 RS-485 自動方向控制
- 傳輸速度高達 115200 bps
- 3000 V<sub>DC</sub> 二端隔離保護
- RS-485 傳輸線具 ESD 保護



### 介紹

I-7510 是一個帶有雙端隔離的 RS-485 中繼器模組，可以擴展 RS-485 迴路系統上的模組數量。I-7510A 基本功能與 I-7510 一致，但增加了 RS-422 的功能。

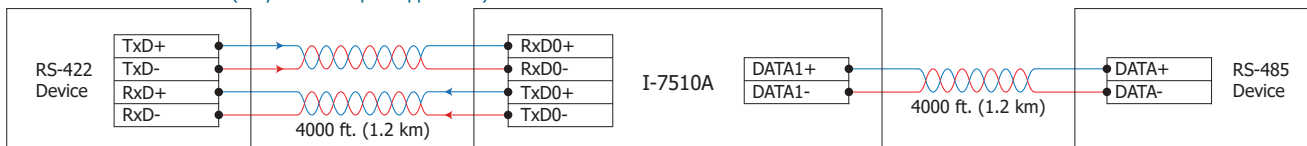
### 規格

Models	I-7510		I-7510A
<b>Interface</b>			
Serial Interface	RS-422	–	TxD+, TxD-, RxD+, RxD- The RS-422 and RS-485 cannot be used simultaneously
	RS-485	Data+, Data-	
Transmission Distance	Max. 1,200 m at 9.6 kbps; Max. 400 m at 115.2 kbps (Belden 9841 2P twisted-pair cable, if different cables are used, the transmission distance may change)		
Self-Tuner Asic Inside	Yes		
Speed	300 ~ 115200 bps		
ESD Protection	Yes		
Isolated Voltage	2-way 3 kV Isolated		
Connector	Removable 10-Pin Terminal Block x 2		
<b>LED Indicators</b>			
Power/Communication	Yes		
<b>Power</b>			
Input Voltage Range	+10 V <sub>DC</sub> ~ +30 V <sub>DC</sub>		
Power Consumption	2.2 W		
<b>Mechanical</b>			
Casing	Plastic		
Dimensions (W x L x H)	72 mm x 35 mm x 122 mm		
Installation	DIN-Rail Mounting		
<b>Environment</b>			
Operating Temperature	-25 °C ~ +75 °C		
Storage Temperature	-30 °C ~ +75 °C		
Humidity	10 ~ 90% RH, non-condensing		

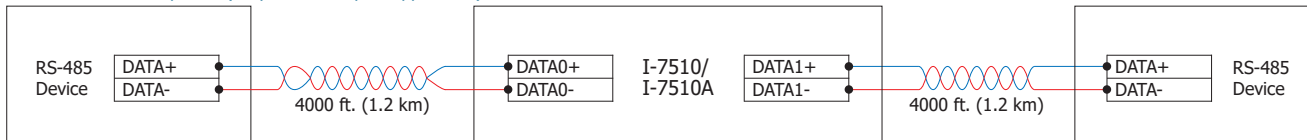
## 應用

### RS-422/485 應用

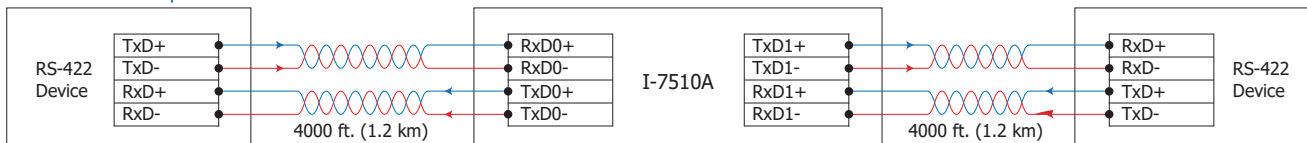
#### RS-422 to RS-485 Converter (Only for half duplex application)



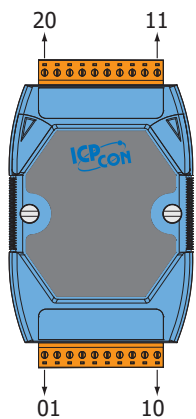
#### RS-485 to RS-485 Repeater (Only for half duplex application)



#### RS-422 to RS-422 Repeater



## 腳位定義



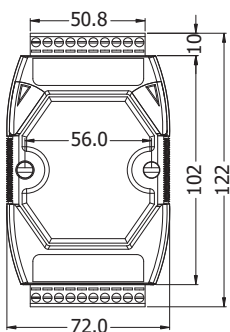
### I-7510

Terminal No.	Pin Assignment	Terminal No.	Pin Assignment
01	DATA+	20	DATA1+
02	DATA-	19	DATA1-
03	--	18	--
04	--	17	--
05	--	16	--
06	--	15	--
07	--	14	--
08	--	13	--
09	(R)+Vs	12	--
10	(B)GND	11	--

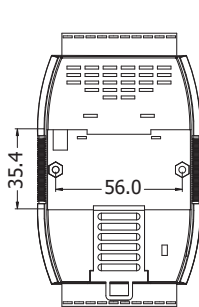
### I-7510A

Terminal No.	Pin Assignment	Terminal No.	Pin Assignment
RS-485	01 DATA0+	RS-485	20 DATA1+
	02 DATA0-		19 DATA1-
	03 --		18 --
RS-422	04 RxD0+	RS-422	17 TxD1+
	05 RxD0-		16 TxD1-
	06 TxD0+		15 RxD1+
	07 TxD0-		14 RxD1-
	08 --		13 --
09 (R)+Vs	12 --		
10 (B)GND	11 --		

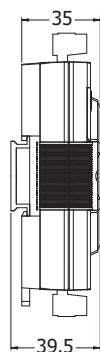
## 機構圖 (單位: mm)



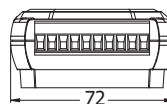
前視圖



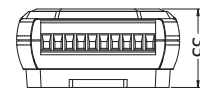
後視圖



導軌



上視圖



下視圖

## 訂購資訊

I-7510 CR	隔離 RS-485 中繼器 (RoHS)
I-7510A CR	隔離 RS-422/485 中繼器 / 轉換器 (RoHS)

## 配件

GPSU06U-6 CR	電源供應器, 110~240 VAC 至 24 VDC/0.25 A, 6 W, 兩腳美規插頭 (RoHS)
--------------	--