

PL-STS_(V1.0) RS232 / RS422 / RS485 Converter

PRODUCTS INFORMATION

A. Introduction

PL-STS products provide an ideal physical layer solution on serial port communication conversion. By using PL-STS, one can find out the truth of full supports on convenience, efficiency, expansibility, robustness, reliability, simplicities and stability.

B. Features

- Auto Baud, No need to set the baud rate of RS-485/RS-422
- Communication speed is up to 115.2 kbps.
- Converts RS485 & RS232 / RS485 & RS422 / RS232 & RS422
- Easy Connection, Simple and easy on line connections

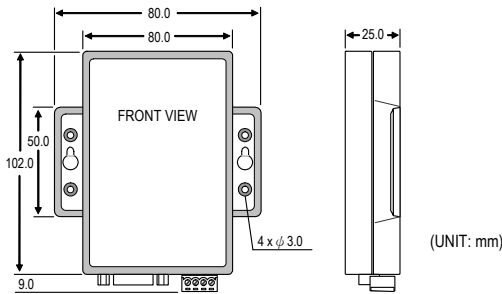
PL-STS-I (Isolation Type)

- **Auto Detect, Auto detect RS-485/RS-422, no configuration**
- Can be a repeater to extent the system
- 2KV Power Module and Photo Coupler isolation

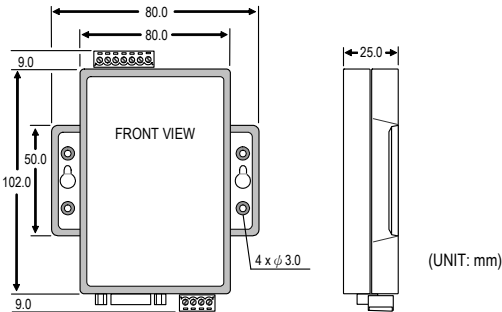


DIMENSIONS

PL-STS-N (None-Isolation Converter)



PL-STS-I (Isolation Converter)



CONFIGURATIONS

PL-STS-N (None-Isolation Converter)

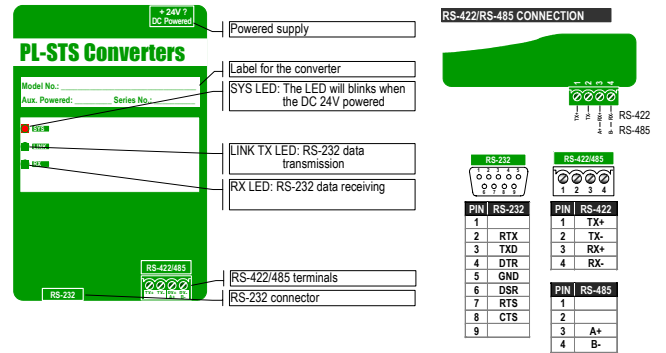
Terminator Switch (SW1)	
	PIN1 RX+ ~ RX- Terminator (RS-422)
	PIN2 TX+ ~ TX- Terminator (RS-422) or DX+ ~ DX- Terminator (RS-485)
Setup Switch (SW2)	
	PIN7 On → RS485 Off → RS422
	PIN8 Always On

PL-STS-I (Isolation Converter)

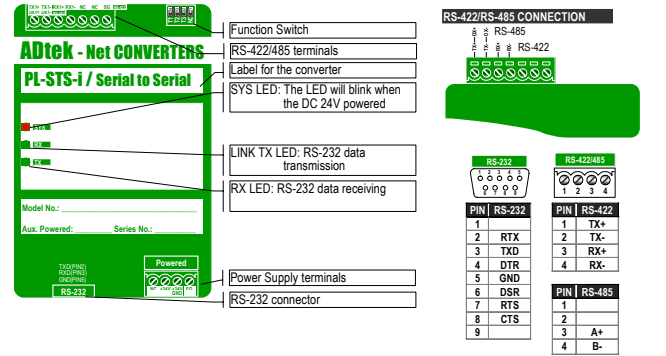
Function Switch (SW1)	
	NC:(S1) Reserved
	T3:(S2) Reserved
	T2:(S3) RX1+ ~ RX1- Terminator (RS-422)
	T1:(S4) TX1+ ~ TX1- Terminator (RS-422) or DX1+ ~ DX1- Terminator (RS-485)

FRONT PANEL & CONNECTION DIAGRAM

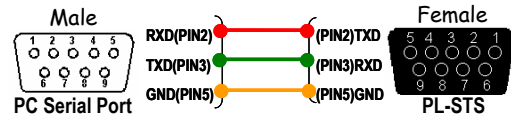
PL-STS-N (None-Isolation Converter)



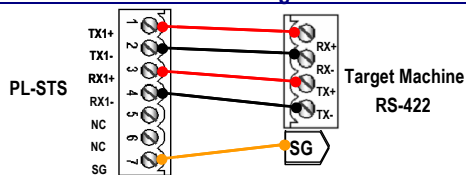
PL-STS-I (Isolation Converter)



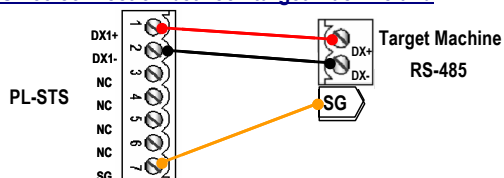
RS-232 connection between PC and PL-STS



RS-422 connection between target machine and PL-STS



RS-485 connection between target machine and



ORDER INFORMATION:

PL-STS-

Ports - Aux. Powered

CODE	SOCKET
1	RS232 / RS422
2	RS232 / RS485
3	RS485 / RS422
	N Non-Isolated
	I Isolated

CODE	AUX. POWERED
D24	DC 24V