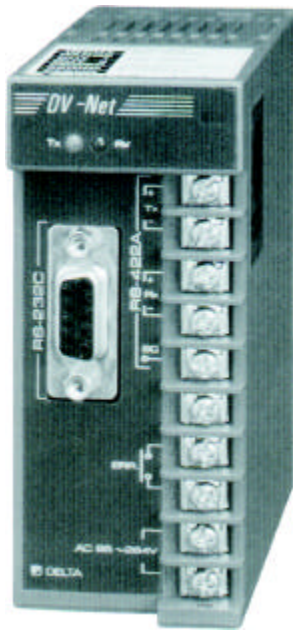


General Specifications

SIGNAL COMMUNICATION CONVERTER MODEL : DELCOM



<RACK TYPE>



<IN-LINE TYPE>

This DELCOM-SERIES are communication converter for signal level interface as RS-422A & RS-485, RS-232C and adopts photo-coupler isolation method between signals.

It supports interface between host computer and each kind of PLC/or process controllers.

ORDERING CODE

MODEL	SUFFIX CODE				DETAILS
DELCOM -	☐	☐	☐	☐	BIDIRECTION CONVERTER
SIGNAL LEVEL	1				RS-232C ↔ RS-232C
	2				RS-422A ↔ RS-232C
	3				RS-485 ↔ RS-232C
POWER SUPPLY		1			DV 5V (IN-LINE)
		2			AC 100 ~ 240V
ISOLATION			1		NON-ISOLATION
			2		ISOLATION
MOUNTING				1	IN-LINE TYPE
				2	RACK / WALL TYPE

■ SPECIFICATIONS (RS-232C)

- *Mode of Operation : Single-Ended*
- *Number of Drivers and Receivers Allowed on One Line : 1 Driver, 1 Receiver*
- *Maximum Cable Length : 15m*
- *Maximum Data Rate : 20kb/s*
- *Driver Output Signal Level / Loaded : $\pm 5V$
/ Unloaded : $\pm 15V$*
- *Receiver Input Voltage Range : $\pm 15V$*
- *Receiver Input Sensitivity : $\pm 3V$*

■ SPECIFICATIONS (RS-422A)

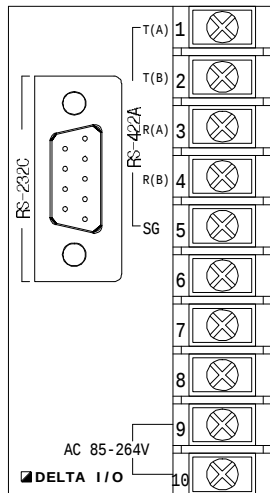
- *Mode of Operation : Differential*
- *Number of Drivers and Receivers Allowed on One Line : 1 Driver, 10 Receiver*
- *Maximum Cable Length : 1.2Km*
- *Maximum Data Rate : 20kb/s*
- *Driver Output Signal Level / Loaded : $\pm 2V$
/ Unloaded : $\pm 5V$*
- *Receiver Input Voltage Range : -7V to +7V*
- *Receiver Input Sensitivity : $\pm 200mV$*

◆ SPECIFICATIONS (RS-485)

- *Mode of Operation : Differential*
- *Number of Drivers and Receivers Allowed on One Line : 32 Driver, 32 Receiver*
- *Maximum Cable Length : 1.2Km*
- *Maximum Data Rate : 20kb/s*
- *Driver Output Signal Level / Loaded : $\pm 1.5V$
/ Unloaded : $\pm 5V$*
- *Receiver Input Voltage Range : -7V to +12V*
- *Receiver Input Sensitivity : $\pm 200mV$*

PIN DESCRIPTION

☞ RACK TYPE (RS-232C TO RS-422A)



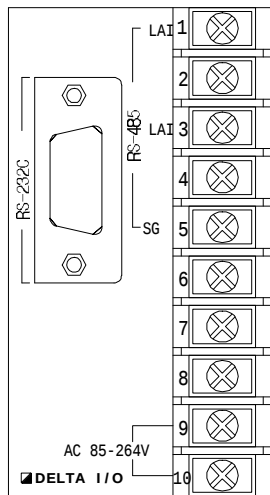
☞ RS-232C

PIN NO.	SIGNAL	DETAILS OF COMMANDS
2	SD (TxD)	Send Data
3	TD (RxD)	Receive Data
5	SG	Signal Ground

☞ RS-422A

PIN NO.	SIGNAL	DETAILS OF COMMANDS
1	T(A) TxD	Send Data
2	T(B) RxD	Send Data
3	R(A) RxD	Receive Data
4	R(B) RxD	Receive Data
5	SG	Signal Ground

☞ RACK TYPE (RS-232C TO RS-485)



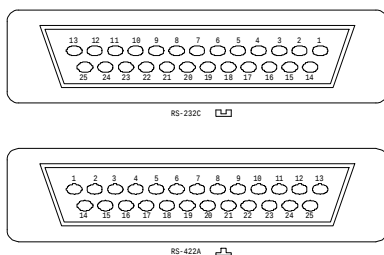
☞ RS-232C

PIN NO.	SIGNAL	DETAILS OF COMMANDS
2	SD (TxD)	Send Data
3	RD (RxD)	Receive Data
5	SG	Signal Ground
7	CS (CTS)	Clear to Send
8	RS (RTS)	Request to Send

☞ RS-485

PIN NO.	SIGNAL	DETAILS OF COMMANDS
1	T/R (A)	Send Data
3	T/R (B)	Receive Data
5	SG	Signal Ground

☞ IN-LINE TYPE (RS-232C TO RS-422A)



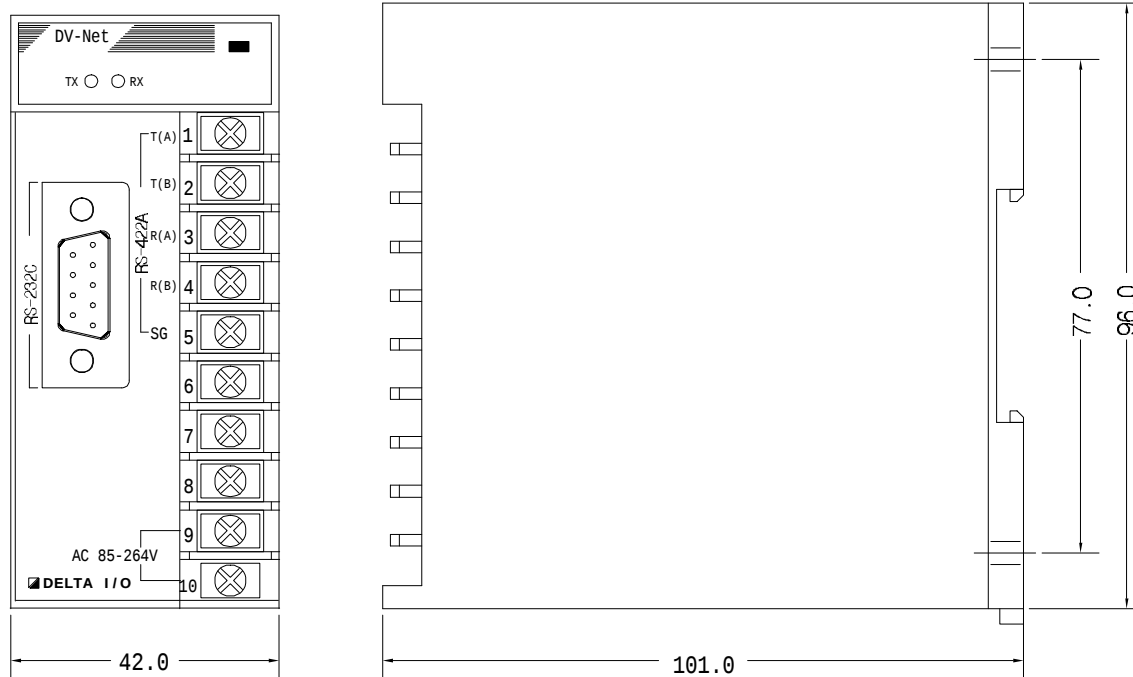
☞ RS-232C

PIN NO.	SIGNAL	DETAILS OF COMMANDS
2	RD (RxD)	Receive Data
3	SD (TxD)	Send Data
4	CS (CTS)	Clear to Send
5	RS (RTS)	Request to Send
7	SG	Signal Ground

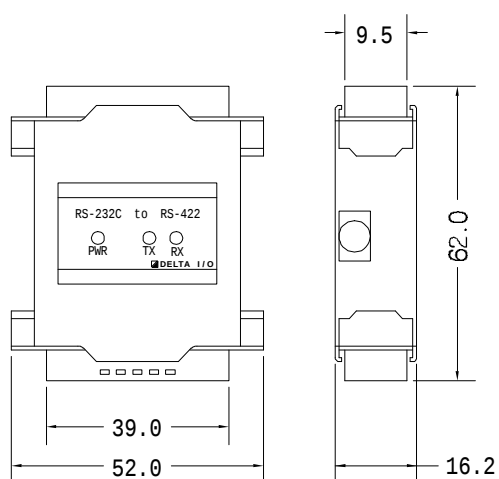
☞ RS-422A

PIN NO.	SIGNAL	DETAILS OF COMMANDS
2	T(B) TxD	Send Data
3	R(B) RxD	Receive Data
4	RTS	Request to Send
5	CTS	Clear to Send
8	S G	Signal Ground
15	T(A) TxD	Send Data
16	R(A) RxD	Receive Data
17	RTS	Request to Send
18	CTS	Clear to Send

EXTERNAL DIMENSION (mm)



〈 RACK TYPE 〉



〈 IN-LINE TYPE 〉