

## LG XGT CNET

( Supports LG CNET communication module XG-CH2A)

### HMI Factory Setting:

Baud rate: 9600, 8, None, 1

Controller Station Number: 0

Control Area / Status Area: DW0 / DW10

### Connection

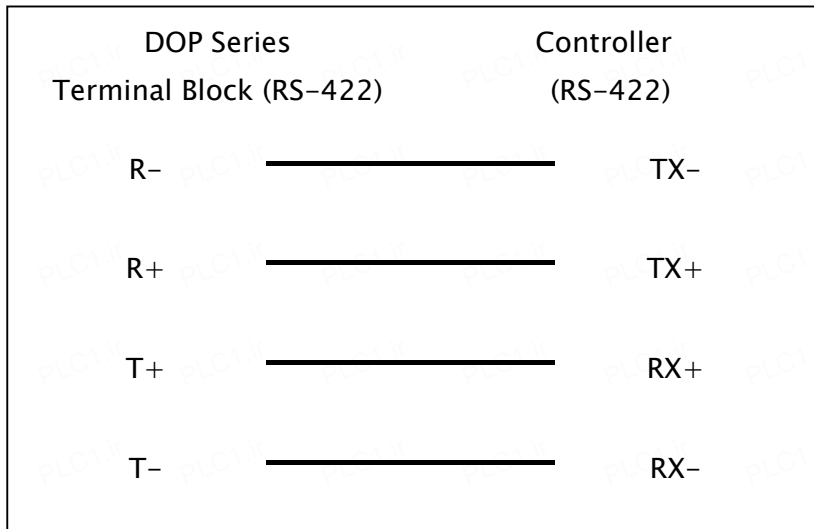
#### a. RS-232 (DOP-A/AE/AS, DOP-B Series) XGL-CH2A CNET Communication Module (Channel 1)

DOP Series		Controller
9 pin D-sub male (RS-232)		9 pin D-SUB male (RS-232)
RXD (2)	—————	(3) TXD
TXD (3)	—————	(2) RXD

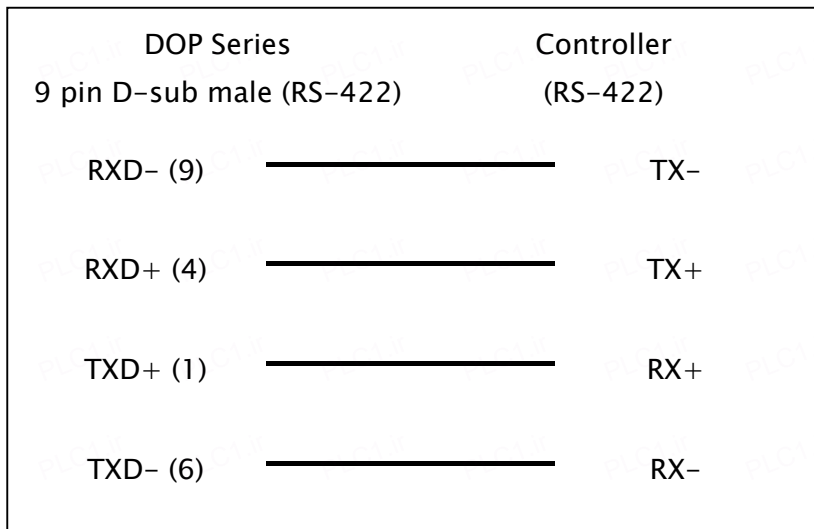
#### b. RS-422 (DOP-A/AE Series) XGL-CH2A CNET Communication Module (Channel 2)

DOP Series		Controller
9 pin D-sub male (RS-422)		(RS-422)
RXD- (1)	—————	TX-
RXD+ (2)	—————	TX+
TXD+ (3)	—————	RX+
TXD- (4)	—————	RX-

c. RS-422 (DOP-AS35/AS38/AS57 Series) XGL-CH2A CNET Communication Module (Channel 2)



d. RS-422 (DOP-A/AE Series) XGL-CH2A CNET Communication Module (Channel 2)



**Definition of PLC Read/Write Address**

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
I/O Relay	PWn	PW0 - PW2047	Word	
Auxiliary Relay	MWn	MW0 - MW2047	Word	
Keep Relay	KWn	KW0 - KW2047	Word	
Link Relay	LWn	LW0 - LW11263	Word	
Special Relay	FWn	FW0 - FW2047	Word	Read only
Timer Elapsed Value	TWn	TW0 - TW2047	Word	

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Counter Elapsed Value	CWn	CW0 - CW2047	Word	
Data Register	DWn	DW0 - DW32767	Word	

**b. Contacts**

Type	Format	Read/Write Range	Note
	Word No.(n) Bit No.(b)		
I/O Relay	PXnb	PX00 - PX2047F	
Auxiliary Relay	MXnb	MX00 - MX2047F	
Keep Relay	KXnb	KX00 - KX2047F	
Link Relay	LXnb	LX00 - LX11263F	
Special Relay	FXnb	FX00 - FX2047F	
Timer Contact Relay	TXb	TX0 - TX2047	
Counter Contact Relay	CXb	CX0 - CX2047	
Data Relay	DXn.b	DX0.0 - DX32767.F	