## **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 9 pin D-sub male (RS-422)	Controller (RS-422)	PLC1:
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)

DOP Series Terminal Block (RS-422)	Controller (RS-422)	PLC13
R-	TX-	P/C1.
R+	TX+	P/C <sup>1/3</sup>
T+ 0.50 **	RX+	P/C <sup>1/3</sup>
p.C^\''T- p.C^\''	RX-	PLC1.

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

DOP Series 9 pin D-sub male (RS-422)	Controller (RS-422)		PLC13
RXD- (9)	Prodition P	TX-	PLC1.
RXD+ (4)	PCAN P	TX+	PLC1.3
TXD+ (1)	PECAN P	RX+	PLC1:
TXD- (6)	<del>PENN</del> P	RX-	PLCAS

### Definition of PLC Read/Write Address

### a. Registers

C^ C^	Format	a CVB Lough Ba.CV	Data	a GAM
Type	Word No. (n)	Read/Write Range	Length	Note
I/O Relay	<b>PW</b> n	<b>PW</b> 0 – <b>PW</b> 2047	Word	CV.iv
Auxiliary Relay	<b>MW</b> n	MW0 - MW2047	Word	
Keep Relay	<b>KW</b> n	KW0 - KW2047	Word	C(1.11
Link Relay	<b>LW</b> n	<b>LW</b> 0 - <b>LW</b> 11263	Word	
Special Relay	FWn	FW0 - FW2047	Word	Read only
Timer Elapsed Value	<b>TW</b> n	<b>TW</b> 0 - <b>TW</b> 2047	Word	- ( C <sub>7 ; N</sub>

Туре	Format Word No. (n)	Read/Write Range	Data Length	Note
Counter Elapsed Value	<b>CW</b> n	<b>CW</b> 0 - <b>CW</b> 2047	Word	. ~\.\\
Data Register	<b>DW</b> n	<b>DW</b> 0 - <b>DW</b> 32767	Word	

### b. Contacts

Туре	Format Word No.(n) Bit No.(b)	Read/Write Range	Note
I/O Relay	<b>PX</b> nb	<b>PX</b> 00 - <b>PX</b> 2047F	brcy.,, brcy.,,
Auxiliary Relay	<b>MX</b> nb	<b>MX</b> 00 - <b>MX</b> 2047F	
Keep Relay	<b>KX</b> nb	<b>KX</b> 00 - <b>KX</b> 2047F	bros.,, bros.,
Link Relay	<b>LX</b> nb	<b>LX</b> 00 - <b>LX</b> 11263F	
Special Relay	<b>FX</b> nb	<b>FX</b> 00 – <b>FX</b> 2047F	brown brown
Timer Contact Relay	TXb	<b>TX</b> 0 - <b>TX</b> 2047	
Counter Contact Relay	CXb	CX0 - CX2047	bron bron
Data Relay	<b>DX</b> n.b	<b>DX</b> 0.0 - <b>DX</b> 32767.F	