LG Master K120S/200S

HMI Factory Setting:

Baud rate: 38400, 8, None, 1 (RS-232)

Controller Station Number: 0 (no PLC station number in protocol, therefore, only 1(HMI) to 1(PLC) communication is allowed.)

Control Area / Status Area: DW0/DW10

Connection

a. RS-232 (DOP-A/AE/AS, DOP-B Series)

DOP Series 9 pin D-SUB (RS-232)	Controller 9 pin D-SUB male (RS-232 for LG K120S/200S)
RXD (2) ————	(3) TXD
TXD (3) ————	(2) RXD
GND (5) ————	(5) GND

Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
WORD_DEVICE_PW	PWn	PW0 – PW15	Word	
WORD_DEVICE_MW	MWn	MW0 – MW191	Word	
WORD_DEVICE_KW	KWn	KW0 – KW31	Word	
WORD_DEVICE_LW	LWn	LW0 – LW63	Word	
WORD_DEVICE_FW	FWn	FW0 – FW63	Word	
WORD_DEVICE_TW	TWn	TW0 – TW255	Word	
WORD_DEVICE_CW	CWn	CW0 – CW255	Word	
WORD_DEVICE_DW	DWn	DW0 – DW9999	Word	

b. Contacts

Type	Format Word No. (n) Bit No. (b)	Read/Write Range	Note
BIT_DEVICE_P	Pnb	P00 – P15F	
BIT_DEVICE_M	Mnb	M00 – M191F	
BIT_DEVICE_K	Knb	K00 – K31F	
BIT_DEVICE_L	Lnb	L00 – L63F	
BIT_DEVICE_F	Fnb	F00 – F63F	
BIT_DEVICE_T	Tb	T0 – T255	
BIT_DEVICE_C	Cb	C0 – C255	

NOTE

1) If connecting to Pin 4 (RXD), Pin 7 (TXD) and Pin 5 (SG), it indicates that CNet protocol is used (Please refer to the section "LG Master-K CNET". 120S/200S protocol and CNet protocol cannot be used simultaneously. The users only can select either 120S/200S protocol or CNet protocol.