

LG XBM/XBC/XGK CPU Direct

HMI Factory Setting:

Baud Rate: 115200. 8. None. 1.

Controller Station Number: 0

Control Area / Status Area: DW0/DW10

Applicable models: DOP-B / DOP-W / DOP-H / HMC series、DOP-100

Connection

a. RS-232

DOP series		Controller	
9 pin D-sub (RS-232)		9 pin D-sub male (RS-232)	
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)			
I/O Relay	PWn	PW0 - PW2047	Word	
Auxiliary Relay	MWn	MW0 - MW2047	Word	
Keep Relay	KWn	KW0 - KW2559	Word	
Link Relay	LWn	LW0 - LW11263	Word	
Special Relay	FWn	FW0 - FW2047	Word	
Data Register	DWn	DW0 - DW32767	Word	
File Register	RWn	RW0 - RW32767	Word	
Step Control Relay	SWn	SW0 - SW127	Word	
Special Module Register	UWs.n	UW0.0 - UW7F.31	Word	
Timer Elapsed Value	TWn	TW0 - TW2047	Word	
Counter Elapsed Value	CWn	CW0 - CW2047	Word	
Communication data register	NWn	NW0 - NW21503	Word	

Index register_128 words	ZWn	ZW0 - ZW127	Word	
File Register	ZRWn	ZRW0 - ZRW32767	Word	
Setup value	TSWn	TSW0 - TSW2047	Word	
Setup value	CSWn	CSW0 - CSW2047	Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Slot No. (s) ; Word No.(n) ; Bits No.(b)		
I/O Relay	PXnb	PX00 - PX2047F	
Auxiliary Relay	MXnb	MX00 - MX2047F	
Keep Relay	KXnb	KX00 - KX2559F	
Link Relay	LXnb	LX00 - LX11263F	
Special Relay	FXnb	FX00 - FX2047F	
Data Register	DXnb	DX00 - DX32767F	
File Register	RXnb	RX00 - RX32767F	
Step Control Relay	SXn.b	SX0 - SX127.99	1
Special Module Register	UXs.n.b	UX0.0.0 - UX7F.31.F	
Timer Contact Relay	TXb	TX0 - TX2047	
Counter Contact Relay	CXb	CX0 - CX2047	



- 1) Bit of Step Control Relay SX is related with register SW, when turn on SX0.60, value SW0 will be 60.