IDEC Micro Smart PLC

HMI Factory Setting:

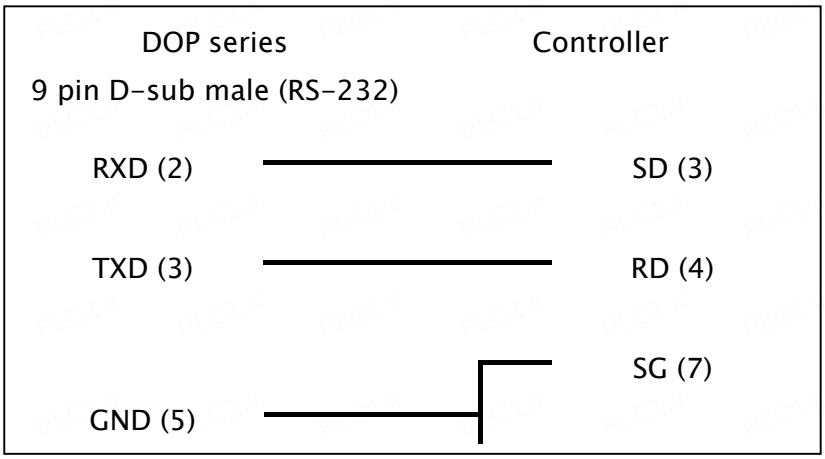
Baud rate: 9600. 7. Even. 1

Controller Station Number: 0 (0~31, 255)

Control Area / Status Area: D0/D10

Connection

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



Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
input	Xn	X00 – X290	Word	1
output	Yn	Y00 – Y290	Word	1
internal relay (ordinary)	Mn	M00 – M1260	Word	1
internal relay (special)	Mn	M8000 – M8140	Word	1
shift register	Rn	R0 – R112	Word	2
Timer(Preset value)	TPn	TP0 – TP99	Word	
Timer(Current value)	TCn	TC0 – TC99	Word	
Counter(Preset value)	CPn	CP0 – CP99	Word	
Counter(Current value)	CCn	CC0 – CC99	Word	
Data register	Dn	D0 – D1299	Word	
Data register	Dn	D2000 – D7999	Word	
Data register (special)	Dn	D8000 – D8199	Word	

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Calendar/clock	Wn	W0 – W6	Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Word No. (n) Bit No. (b)		
input	Xnnb	X000 – X307	3
output	Ynnb	Y000 – Y307	3
internal relay (ordinary)	Mnnnb	M0000 – M1277	3
internal relay (special)	Mnnnb	M8000 – M8157	3
shift register	Rb	R0 – R127	
Timer Status	TSb	TS0 – TS99	4
Counter Status	CSb	CS0 – CS99	4

NOTE

1) First digit of n should be 0 , and represents octal ; others digits represents decimal.
2) Device address must be the multiple of 8.
3) n represents decimal, b represents octal.
4) This type of device is for read only.
5) It supports MicroSmart / ONC (OpenNet Controller) / MICRO3 / MICRO3C.
6) TSn / CSn can only be used on MicroSmart / ONC (OpenNet Controller).